

Safran Seats (Safran Seats France)
COMPONENT MAINTENANCE MANUAL



Supplier Code: F0465

TRANSMITTAL SHEET

The Re-issue, dated Mar 19/24 is attached and covers all components held by every operator.

GENERAL: DUE TO MODIFICATION, THE COMPONENT MAINTENANCE MANUAL 25-11-96 HAS BEEN ENTIRELY RE-ISSUED.

HIGHLIGHTS: INCORPORATION OF DIFFERENT CORRECTIONS AND MODIFICATIONS.

FILING INSTRUCTIONS: DUE TO REVISION, THIS PUBLICATION HAS BEEN REPRINTED AND REPLACE THE PRECEDING ISSUE DATED OF JUL 30/20.
DISCARD ALL OTHER COPIES OF CMM 25-11-96.

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HIGHLIGHTS

REVISION 12 - MAR 19/24

Pages which have been added, revised or deleted are outlined below together with the Highlights of the revision.

LOCATIONS	DESIGNATION	DESCRIPTION OF CHANGE
TRANSMITTAL LETTER	R	
TITLE PAGE	R	
SERVICE BULLETIN LIST	R	
LIST OF EFFECTIVE PAGES	R	
INTRODUCTION	R	Added and modified procedures to reflect the complete revision.
DESCRIPTION AND OPERATION	R	Added and modified procedures to reflect the complete revision.
TESTING AND FAULT ISOLATION	R	Added and modified procedures to reflect the complete revision.
SCHEMATICS AND WIRING DIAGRAMS	R	Added and modified procedures to reflect the complete revision.
DISASSEMBLY	R	Added and modified procedures to reflect the complete revision.
CLEANING	R	Added and modified procedures to reflect the complete revision.
INSPECTION/CHECK	R	Added and modified procedures to reflect the complete revision.
REPAIR	R	Added and modified procedures to reflect the complete revision.
ASSEMBLY	R	Added and modified procedures to reflect the complete revision.
FITS AND CLEARANCES	R	Added and modified procedures to reflect the complete revision.
SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES	R	Added and modified procedures to reflect the complete revision.
STORAGE	R	Added and modified procedures to reflect the complete revision.

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HIGHLIGHTS (Cont'd)

LOCATIONS	DESIGNATION	DESCRIPTION OF CHANGE
ILLUSTRATED PARTS LIST	R	Added PN and modified nomenclature and graphic numbering as well as illustrations in IPL Figure 1 to Figure 9 to reflect the changes in current revision as per the input drawings. VCI updated.



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COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

Third Occupant Seat

ETSO P/N	Integrated P/N	ETSO P/N	Integrated P/N
16800-01-00			
16800-00-00			
16800-01-01			
16800-01-02			
16800-01-03			

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Initial Issue: Oct 01/91

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Revision No. 12
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RECORD OF REVISIONS

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0	-	-	SICMA				
1	JUN 01/02	OCT /91	SICMA				
2	SEP 01/05	SEP /92	SICMA				
3	MAY 01/07	MAY /93	SICMA				
4	JUN 01/10	NOV /93	ZS				
5	MAR 14/11	SEP /94	ZS				
6	SEP 27/11	JUN /95	ZS				
7	NOV 23/11	JUL /96	ZS				
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9	NOV 21/17	NOV 21/17	ZS				
10	JUN 07/18	JUN 07/18	ZS				
11	JUL 30/20	JUL 30/20	SFR				
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SB 168-25-001	0	SEP 17/02		RELEASE PIN REPLACEMENT
SB 168-25-002	0	AUG 08/06		REMOVAL ARMREST
SB 168-25-003	0	AUG 08/06		INSTALL ARMREST LH AND RH
SB 168-25-004	0	OCT 03/06		COVER REPLACEMENT
SB 168-25-005	2	JAN 10/07		STOWAGE DOOR REPLACEMENT
SB 168-25-006	0	NOV 29/07		COVER REPLACEMENT
SB 168-25-007	0	MAY 14/14		REPLACEMENT OF BACKREST ASSEMBLY
SB 168-25-008	2	JAN 19/23	MAR 19/24	REINFORCEMENT OF SEAT ARMREST
SB 168-25-009	0	Mar 29/17	NOV 21/17	BOTTOM EQUIPPED SCREW REPLACEMENT
SIL 0001	1	JUL 29/19	MAR 19/24	NEW TECHNICAL DOCUMENTATION PORTAL FOR CAGE CODE F0465
SIL 0002	0	JUN 05/19	MAR 19/24	NEW CONTACT INFORMATION TO ORDER SPARE PARTS
SIL 0003	17	DEC 12/23	MAR 19/24	INTERCHANGEABILITY INFORMATION FOR HARDWARE PARTS
SIL 0006	1	MAR 04/20	JUL 30/20	RIVNUT REMOVAL AND INSTALLATION PROCEDURES
SIL 0009	0	DEC 17/20	MAR 19/24	INFORMATION FROM THE SAE AIRCRAFT SEAT COMMITTEE CONCERNING THE USE OF CLEANERS AND DISINFECTANTS ON AIRCRAFT SEATS
SIL 0011	0	JUN 22/21	MAR 19/24	ALUMINUM PAINT INTERCHANGEABILITY
SIL 0013	1	AUG 05/21	MAR 19/24	PART NUMBER CODIFICATION AND INTERCHANGEABILITY
SIL 0014	1	MAY 06/22	MAR 19/24	HANDLING INFORMATION FOR ELECTROSTATIC DISCHARGE SENSITIVE
SIL 0019	0	MAR 04/22	MAR 19/24	DAMAGED SCREW REMOVAL
SIL 0021	1	MAR 23/23	MAR 19/24	CONSUMABLE P/N LIST
SIL 0022	0	MAY 31/23	MAR 19/24	SELF-FASTENERS SECURING
SIL141-01	4	NOV 19/14		CABIN INTERIORS - THIRD AND FOURTH OCCUPANT SEAT - MODIFICATION OF P/N SICMA AERO SEAT
SIL 16-49	0	MAR 08/13	JUL 30/20	ELECTROSTATIC SENSITIVE DEVICE HANDLING INFORMATION
SIL 168-01	0	FEB 13/09	MAR 19/24	RESTRAINT SYSTEM ASSEMBLY
SIL 168-002	0	FEB 03/20	JUL 30/20	DEPLOYMENT AND STOWAGE INSTRUCTIONS
SIL 168-003	0	MAY 27/20	JUL 30/20	HELICOIL REFERENCE

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INTRODUCTION

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1. General

CAUTION : ONLY APPROVED PERSONS WITH THE NECESSARY SKILLS MUST BE USED FOR THE MAINTENANCE PROCEDURES IN THIS MANUAL.

CAUTION : THIS MANUAL GIVES THE NECESSARY INFORMATION TO DO THE REPAIR IN AN INTERMEDIATE LEVEL MAINTENANCE SHOP (I- LEVEL). THE THIRD LEVEL OF MAINTENANCE (D - LEVEL) IS NOT DETAILED IN THIS MANUAL.

- A. The manual contains all information necessary for a unit or assembly to be brought to a serviceable condition in a workshop environment. The manual has a range of procedures from which the applicable procedure can be selected. The manual is not for use by a mechanic working on units or assemblies installed on the aircraft.
- B. This manual has been written to agree with the standards in ATA Specification 2200 (iSpec 2200) and ASD-STE100.
- C. Maintenance Task Oriented Support System (MTOSS) TASK and Subtask identification is used in this manual. The maintenance tasks and other data have special MTOSS numbers for the use of Electronic Data Processing (EDP). The MTOSS numbers can be ignored by the user of the manual .
- D. The instructions in this manual gives the information necessary to do maintenance functions ranging from simple checks and replacement to complete shop type repair.
- E. The technical content of this document has successfully passed a verification process on testing, inspection, disassembly and assembly procedures. The supplier declares the content of this document accurate and adequate.
- F. Each seat assembly is designed to comply with the requirements defined in the following documents:
 - TSO C39b DK/vk/03/25/02:0041-02_supersedure, 124, 071.

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2. Layout of Manual

A. The manual is divided into different page blocks:

Pages Blocks	Titles
0001-0999	DESCRIPTION AND OPERATION
1001-1999	TESTING AND FAULT ISOLATION
2001-2999	SCHEMATICS AND WIRING DIAGRAMS
3001-3999	DISASSEMBLY
4001-4999	CLEANING
5001-5999	CHECK
6001-6999	REPAIR
7001-7999	ASSEMBLY
8001-8999	FITS AND CLEARANCES
9001-9999	SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES
10001-10999	ILLUSTRATED PARTS LIST
11001-11999	SPECIAL PROCEDURES
12001-12999	REMOVAL
13001-13999	INSTALLATION
14001-14999	SERVICING
15001-15999	STORAGE

B. Refer to the TABLE OF CONTENTS for the page location of applicable page block.

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3. Revision Service

- A. All result data and illustrations in this manual are the last revision available at the time of printing. SAFRAN SEATS (SAFRAN SEATS FRANCE) supplies updates to this manual when necessary. When SAFRAN SEATS FRANCE issue a modification to units included in this manual, SAFRAN SEATS FRANCE will revise the manual to include the information.
- B. When there is a change, each updating gives the full instructions about the page number of the pages which must be replaced, added or removed. Revised texts or new texts are found with a vertical black line in the margin.
- C. Service Bulletins can be issued separately. They will be included into the CMM and IPL at the next revision and will be shown in the SERVICE BULLETIN LIST.

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4. Manufacturer and Product Support

A. The Equipment is made by and is product supported by:

Safran Seats (Safran Seats France)	Z I La Limoise rue Robert MARECHAL Senior BP 69 36100 ISSOUDUN FRANCE Phone: + 33 (0) 2 54 03 39 39 Fax: + 33 (0) 2 54 03 39 00 CAGE Code: F0465 www.safran-seats.com
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5. Warnings, Cautions, Notes

- A. Read all the applicable WARNING and CAUTION before to start any maintenance instruction.

WARNING : WARNINGS GIVE INSTRUCTIONS TO THE USE OF MATERIALS, PROCEDURES OR LIMITS THAT CAN CAUSE INJURY OR DEATH OF PERSONS IF NOT CORRECTLY FOLLOWED.

CAUTION : CAUTIONS GIVE INSTRUCTIONS TO THE USE OF MATERIALS, PROCEDURES OR LIMITS THAT CAN CAUSE DAMAGE TO THE EQUIPMENT IF NOT CORRECTLY FOLLOWED.

NOTE : Notes give instructions to follow that can make the job easier.

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6. Measurements

- A. The measurements given in this manual are taken from the original reference document of the manufacturer.
- B. All values given in this manual are in System International (SI) units or sub-divisions of these units. The Imperial unit is given in parenthesis immediately after the SI unit, e.g. 25.4 mm (1.00 in).
- C. Units of measure used in this manual:

Symbol	Term	Symbol	Term
l	Liter	US gal	US gallon
kg	Kilogram	lb	Pound
mm	Millimeter	in	Inch
N.m	Newton-meters	lbf.in.	Pound force inch
kPa	kiloPascal	rpm	Revolution per minute
°C	Celsius degrees	°F	Fahrenheit degrees
min	minute	ft	foot
m	meter	psi	Pounds per square inch
Kipf	Kip-Force		

D. Measurements conversion:

Measurements conversion	
From SI measurement	To Imperial system measurement
1 l	0.2642 gal (U.S.)
3.785 l	1 gal (U.S.)
1 kg	2.2046 lb
0.4536 kg	1 lb
1 mm	0.0394 in
25.4 mm	1 in
1 N.m	8.8507 lbf.in
0.1130 N.m	1 lbf.in
1 daN.m	88.507 lbf.in
0.01130 daN.m	1 lbf.in
[°C]	[°F] = [°C] x 9/5 + 32
1 kPa	0.1450 psi

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Measurements conversion	
From SI measurement	To Imperial system measurement
6.8947 kPa	1 psi
4448.22161 N	1 Kipf

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7. Abbreviations

A. List of abbreviations:

Abbreviation	Definition
AC OU	AC Outlet Unit
ACT	Action Codes
ALT PN	Alternative PN
ARM TAB	Arm Table
AR	As required
ASSY or AY	Assembly
ATA	Air Transport Association
AVU	Audio Video Unit
B/C	Business Class
B/O	Breakover
BACK	Backrest
BAG	Baggage
BAJ	Bluetooth Audio Jack
BFE	Buyer Furnished Equipment
CAN	Controller Area Network (CAN LS = Low Speed // CAN HS = High Speed)
CFU	Cabin Fiber Unit
CMM	Component Maintenance Manual
CMP	Component Maintenance Publication
CTL	Central
CTR	Center
CUS	Cushion
DBL	Double
DDS	Display Docking Station
DET	Detail
DET BKDN	Detail Breakdown
DFM	Double Floor-Mounted
DHPS	Dual Headphone Power System
DISC	Disconnect
DLVY	Delivery
DPD	Detailed Parts Data

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Abbreviation	Definition
DSEB	Digital Seat Electronic Box
DPCU	Digital Passenger Control Unit
ECCA	Electronic Control Unit for Airbus
ECCN	Export Control Classification Number
ECU	Electronic Control Unit (generic term)
EFFEC	Effectivity
EFFECT	Effective
EM	Electro-Magnet
EMA	Electronic Module Assembly
EPCU	Electrical Passenger Control Unit
EPML	Emergency Path Marking Light
EQU	Equipped
ESCU	Escutcheon
ESD	Electrostatic Sensitive Devices
ETSO	European Technical Standard Order
EXTL	External
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FBL	Fire Blocking Layer
F/C	First Class
FIG	Figure
FIX	Fixing
FLDG	Folding
FWD	Forward
F/R	Front Row
FR	Fluid Resistant
HAND	Handicapped
HD	Head
HEX	Hexagonal
H/S	Handset
HZ	Hertz
IAT	In Arm Table
IFE	In-Flight Entertainment
IFD	Identification Force Deflection

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Abbreviation	Definition
INB	Inboard
INSTL	Installation
INTL	Internal
IPC	Illustrated Parts Catalogue
IPD	Illustrated Parts Data
IPL	Illustrated Parts List
ISO	International System Organisation
ISPC	In Seat Power Control
ISPS	In Seat Power Supply
IUL	In-Use Light
IVASEB	Individual Video Seat Electronic Box
IVCP	Individual Video Cassette Player
IVS	Individual Video System
JAA	Joint Airworthiness Authority
JAR	Joint Airworthiness Requirements
J-BOX	Junction Box
LATL	Lateral
LCD	Liquid Crystal Display
LEC	Linear Elbow actuator
LED	Light Emitting Diode
LH	Left-Hand
LPC	Linear Pass-through actuator
L/R	Lower
LRU	Line Replaceable Unit
MC	Mechanical Lock
MCSU	Mechanical Crash Sensor Unit
MECS	Multiple Envelop Convertible Seats
MISCL	Miscellaneous
MPB	Motor Power Box
MPC	Micro Pass through actuator
MVB	Manual Override system
N/A	Not Applicable
No	Number
NAR	Narrow

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Abbreviation	Definition
NHA	Next Higher Assembly
N°	Number
NP	Not Procurable
OEM	Original Equipment Manufacturer
OPT	Optional
OS	Operating System
OUTBD	Outboard
PAX	Passenger
P4C	4-way Pneumatic lumbar system
PC	Polycarbonate
PCB	Printed Circuit Board
PCU	Passenger Control Unit
PJB	Power Junction Box
PN	Part Number
PROX	Proximity
PSU	Power Supply Unit
PVT	Pivot
PVP	Passenger Video Player
QTY	Quantity
R	Revised
RAJ	Remote Audio Jack
RDU	Removable Display Unit
RECL	Recline
REQ	Required
REU	Remote Extender Unit
REV	Revision
RF	Reference: Indicates parts whose quantities are indicated in another part of the illustrated list.
RFID	Radio Frequency Identification
RH	Right-Hand
RJM	Remote Jack Module
RJU	Remote Jack unit
RLB	Reading light - Rotary type
RPC	Rotary Pass-through actuator

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Abbreviation	Definition
RPLD BY	Replaced By
RPLS	Replaces
RPU	Remote Peripheral Unit
SB	Service Bulletin
SDU	Seat Demodular Unit
SEB	Seat Electronic Box
SELF-SKIN	Self-Skinning
SET	Seat Electronic Terminal
SEU	Seat Electronic Unit
SFM	Single Floor-Mounted
SFR	Safran Seats France
SI	System International
SIB	Seat Interface Box
SIL	Service Information Letter
S/H	Smoke Hood
SPB	Seat Power Box
SPD	Superseded
SPM	Seat Power Module
SPCL	Special
SPU	Seat Power Unit
SRP	Seat Reference Point
S/S	Shipset
SST	Stainless Steel
STD	Standard
STRUCT	Structure
SUPSD BY	Superseded By
SUPSDS	Supersedes
SVD	Seat Video Display
SWM	Single Wall-Mounted
TBD	To Be Defined
T/C	Tourist Class
TCU	Tape Control Unit
TEI	Text Element Identifier
T/N	Tool Number

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Abbreviation	Definition
TPL	Triple
TSO	Technical Standard Order
TSVD	Touch Screen Video Display
TTL	Taxi, Take-off and Landing
UEB	Unit Electronic Box
U/O	Used On
UPCU	Universal Passenger Control Unit
USB	Universal Serial Bus
U/R	Upper
V	Vendor
VASEB	Video Audio Seat Electronic Box
VDB	Video Distribution Box
VDU	Video Display Unit
VSEB	Video Seat Electronic Box
W/	With
WLS	Work Light Switch
W/O	Without
ZTB	Zone Telephony Box

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8. Technical Event

- A. For any technical event please fill the Technical Event form and send it by e-mail to Product Support Department.

NOTE : The document is accessible on SAFRAN SEATS TECHNICAL DOCUMENTATION portal.

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9. Related Documentation

A. Document reference:

- (1) CMM 25-12-45 SEAT BELT for 5017-1-021-2251 P/N.

NOTE : This document is accessible on OEM website (35FB9).

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10. Contact

- A. For technical queries, please contact :
 - (1) techsupport.3S.fr@safrangroup.com

- B. For technical publication dispatch, please contact :
 - (1) technicalpubs.3S.fr@safrangroup.com

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11. Customer Gateways

- A. The technical publication of Safran Seats France is accessible on our portal:
 - (1) <https://techpub.customers.safran-seats.fr/>
- B. The Spare Parts Orders follow up of Safran Seat France is accessible on our portal:
 - (1) <http://customer-support-orderfollowup.safran-seats.fr/>
- C. The Repair Capability List of Safran Seats France is accessible on our portal:
 - (1) <http://capabilitylist.safran-seats.com/>

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DESCRIPTION AND OPERATION

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1. Description

A. General

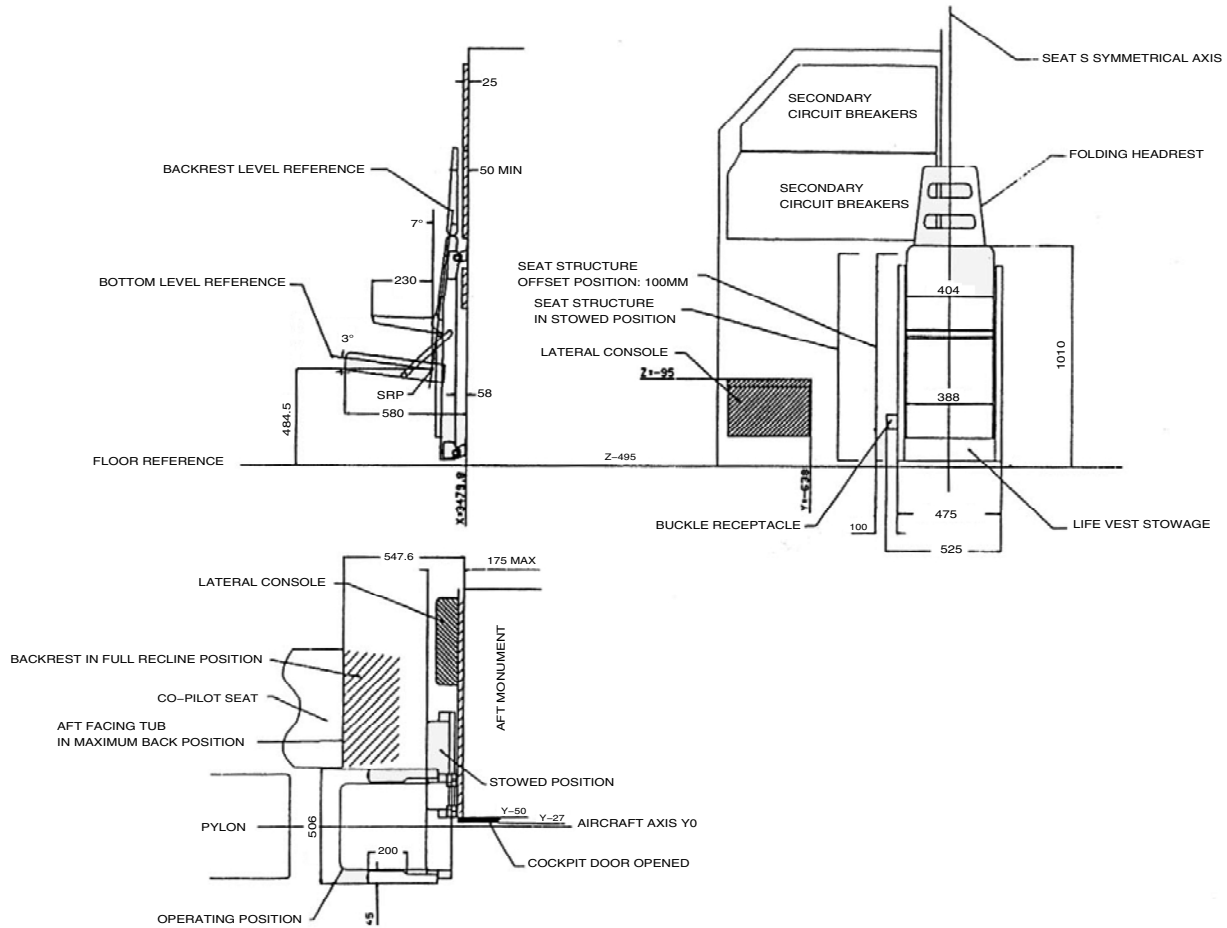
- (1) This manual contains maintenance and repair instructions for Third Occupant Seat type 168 manufactured by SAFRAN SEATS FRANCE (SAFRAN Group).
- (2) The Equipment feature comfort design. They consist of an aluminum base frame, fully upholstered seat back and bottom cushion assemblies.
- (3) The numerous requirements for demonstrating that a "seat system" meets all the static and dynamic loads, the permanent deformation limitations, and the injury criteria, imply that individual elements of a "seat system" cannot be evaluated independently from each other. This difficulty translates into keeping the integrity of structures and other essential features affecting the performance of the "seat system" intact as certified. Modifications by a non-OEM, or the replacement of a non- OEM component, will invalidate the certification, unless certified by the OEM.

B. Seat Description

(Refer to Fig. 1)

- (1) The seat is attached on the right aft panel through shafts, it slides to come into position in a symmetrical aircraft plan. Pin supporting the sliding shafts enable an easy and fast disassembly of the seat, without tools. This seat is a folding seat, bottom and headrest folding on the backrest to get a minimum overall dimension, in case of no-use of the seat.

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Third Occupant Seat in Cockpit
 Figure 1/GRAPHIC-25-11-96-991-001-A01

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2. Operation

A. Seat Deployment and Stowage

- (1) From its stowed position, pull up the seat locking lever on the left side to "seat unlock" position. Move laterally the seat to the aircraft center line until it is locked in deployed position.
- (2) To stow the seat, pull up the seat locking lever on the left side to "seat unlock" position. Move laterally the seat away from the aircraft center line until it is locked in stowed position.

B. Bottom

- (1) The bottom assy can be deployed only when the seat is locked in the center line position. To deploy the bottom assy: fold it downward. It will lock automatically when completely fold.
- (2) To stow the bottom assy: pull up the seat locking lever on the left side to "seat unlock" position. The bottom assy (and the armrests if equipped) will rise automatically.

Back up procedure in case of emergency: It is also possible to stow the bottom assy without using the locking lever. Simply pull up the bottom assy (the force to pull it up will override the lever) and it will automatically rise (and the armrest if equipped). However after such use, check the condition of the bottom assy locking device and replace if damaged. It will still be necessary to use the locking lever to move laterally the seat away from the aircraft center line.

C. Headrest

- (1) To deploy the headrest from its stowed position against the backrest, rotate it upward to the vertical. Make sure that the two locking devices are engaged and that the headrest cannot be rotated forward.
- (2) To stow the headrest, pull inboard each locking finger at the bottom of the headrest to release it and fold it against the backrest.

D. Life Pocket

- (1) The life pocket of the third occupant seat is located under the seat pan. Pull the handle to open the stowage door which is installed with self-gripping stripes.

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E. Seat Covering

- (1) The seat comfort is achieved with bottom and backrest cushions attached with self-gripping stripes to bottom sheet metal and backrest structure.

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3. Fire Blocking Information

Fire blocking is the term used to describe the system of providing increased thermal protection for the foam in seat cushions. For that reason, the cushions, fire blocking liner and dress cover are considered to be a fire blocking system. Changes to any of the three components of the system can affect the thermal protection capability of that system. Two factors that affect capability is the cleanliness of all the components and the integrity of the fire blocking liner.

Liners are made of materials, which, because of their chemical composition, give inherent capability and do not depend on yarn or fabric treatments and coatings. Liners have no shelf life and their capability is not decreased by dry cleaning. Liner capability will be decreased by mechanical damage and, as stated above, will be influenced by the cleanliness of all components of the fire blocking system (cushion, liner and dress cover).

NOTE : The fabric loses its fire blocking capacity after twenty washings.

A. Fire blocking liner

- (1) Cleanliness: Slight discoloration, fading or color transfer from the dress cover to the fire blocking liner are normal and do not affect the capability of the liner system. Heavy stains, particularly petroleum materials, should be removed using materials and procedures currently listed for upholstery. Care must be taken not to soak the stain into the underlying cushion. Commercial dry cleaning is acceptable for removing large stains. If a liner is to be dry cleaned, be aware that liners have a large frame of hook self grip adhesive and care must be taken to prevent them from damaging the liner or other covers and liners during the dry cleaning cycle.
- (2) Damage to Liners: The primary factor in liner capability is the mechanical integrity of the liner. The mechanical integrity is affected by wear holes and seams. If holes are being worn in liners, the structure must be made locally less abrasive. Dress sharp edges with a file or use glass tape. Tape may also be used elsewhere.
 - (a) Generalized wear which results in a change of the liner surface texture, sheen or color is of no consequences as long as there is no hole through the liner.
 - (b) Holes in the liner can degrade its capability but tests have been conducted that show that up to three (3) holes of 7.92 mm (0.312 in) diameter still permit the liner to exceed minimum thermal performance requirements. The number and size of holes noted do not render the system non flight worthy but the foam must be replaced by a new one at the next maintenance interval (6 months maximum).

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B. Dress covers

All previously stated considerations concerning dress covers remain in effect. In addition to appearance and sanitary considerations, the cleanliness of dress covers can affect the thermal performance of the fire blocking system. Cleaning intervals for dress covers must be evaluated to ensure against unwanted contamination build up and transfer of contamination through to the fire blocking liner.

C. Cushions

The factors affecting the thermal performance of cushions are the density of the cushions and their cleanliness.

Tests have shown that changes in cushion firmness (IFD / Identification Force Deflection) do not affect the thermal performance properties of the cushion.

Heavy stains on cushions, particularly from petroleum materials, must not be allowed to build up. Mild non-volatile, non-flammable cleaners can be used gently on the surface of the cushion. Do not rub hard enough to break the skin of the foam. Because of the fire blocking layer, cushions can be expected to remain fairly clean.

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TASK 25-11-96-870-804-A01

4. Seat Weight

[Table 25-11-96-997-001-A01](#) gives the weight of the Third Occupant Seat.

All weights listed below include seat covers and seat cushions.

P/N	Weight (kg)	Weight (lb)
16800-00-00	16.92	37.34
16800-01-00	17.72	39.14
16800-01-01	17.42	38.54
16800-01-02	17.42	38.54
16800-01-03	17.42	38.54

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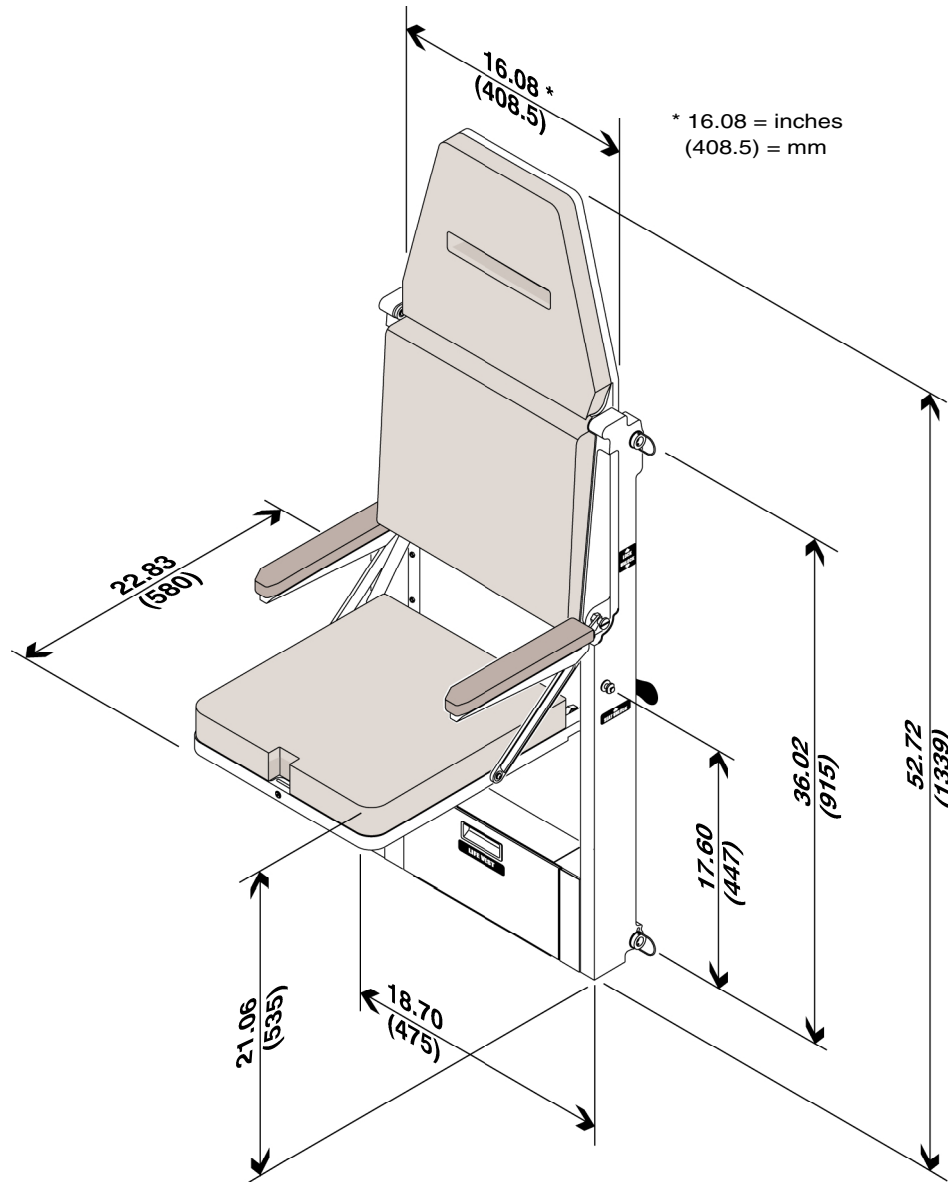
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TASK 25-11-96-870-805-A01

5. Dimensions

For dimensions (Refer to Fig. 2).



Dimensions - Third Occupant Seat
Figure 2/GRAPHIC-25-11-96-991-002-A01

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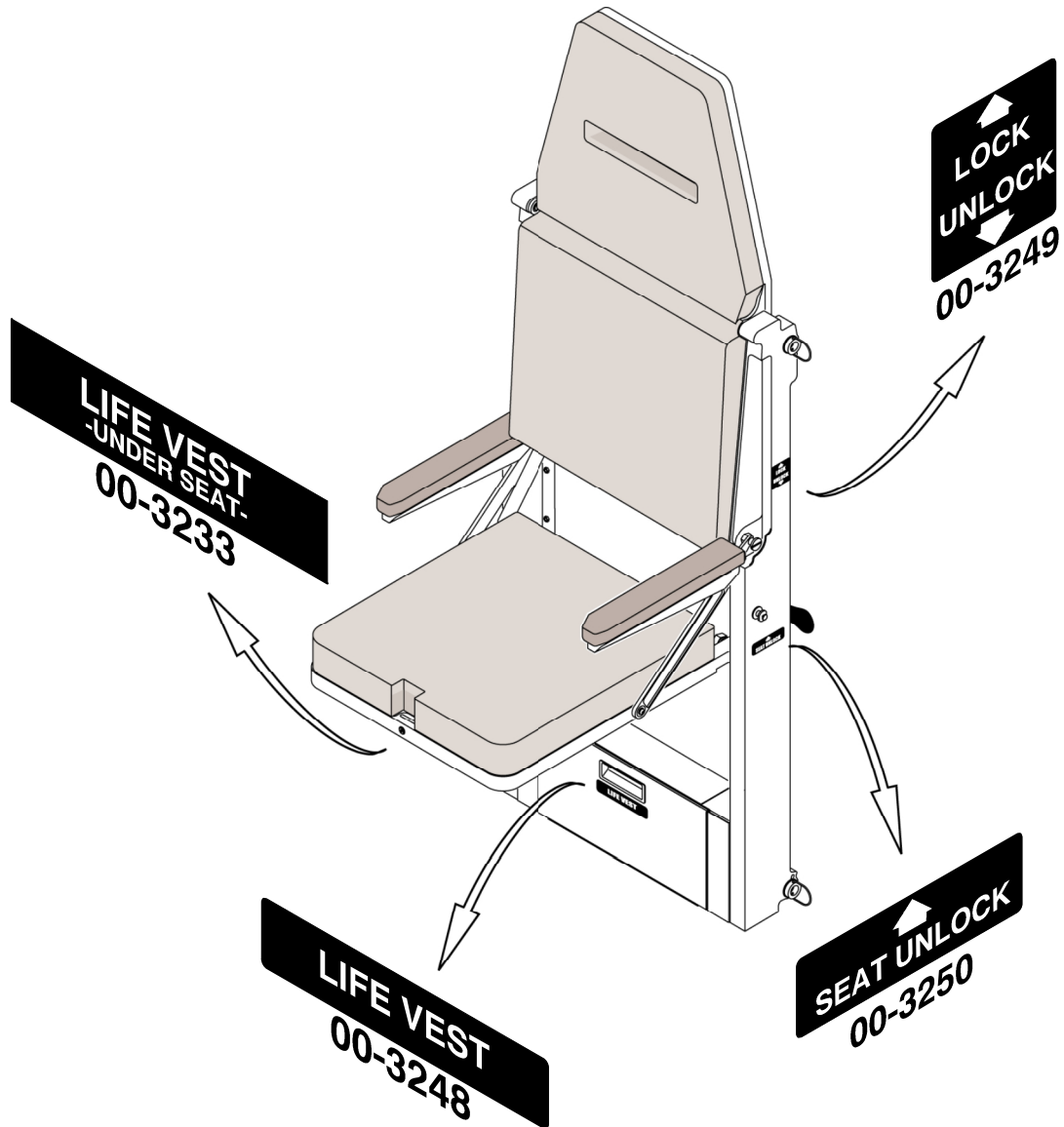
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TASK 25-11-96-870-806-A01

6. Labels

For labels (Refer to Fig. 3)



Labels

Figure 3/GRAPHIC-25-11-96-991-003-A01

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TASK 25-11-96-870-807-A01

7. Equipment Identification Plate

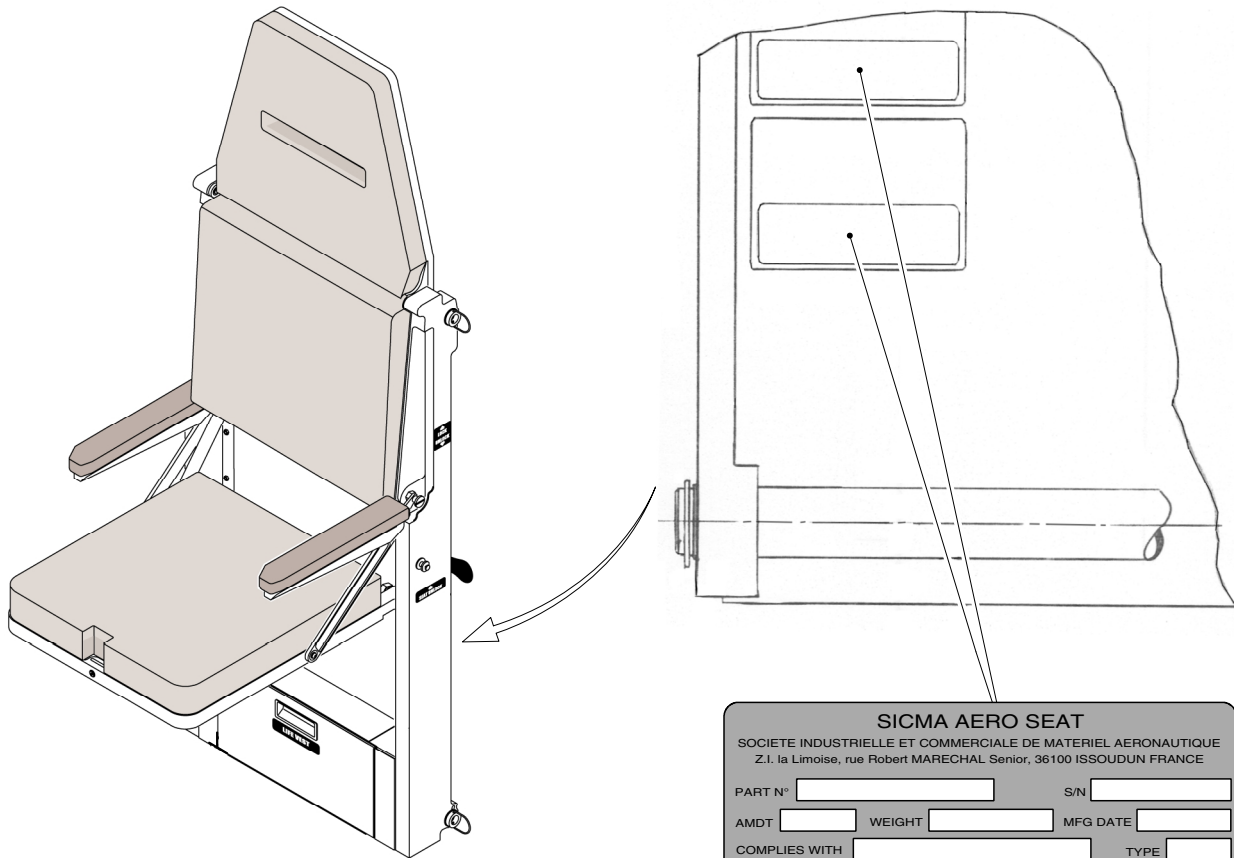
For equipment identification plate ([Refer to Fig. 4](#)).

Identification plate to be stuck on aft panel of seat.

NOTE : It is necessary to communicate the equipment (seat/shell/monument/console) P/N and S/N when ordering new identification placards. They are supplied with all necessary information already printed.

NOTE : Use self adhesive transparent plastic film P/N AE404 (ALT P/N PDFILMPP100X65) to prevent damage to the surface of the identification plate P/N 00-5008 ALT P/N F0554720.

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SICMA AERO SEAT			
SOCIETE INDUSTRIELLE ET COMMERCIALE DE MATERIEL AERONAUTIQUE Z.I. la Limoise, rue Robert MARECHAL Senior, 36100 ISSOUDUN FRANCE			
PART N°	<input type="text"/>	S/N	<input type="text"/>
AMDT	<input type="text"/>	WEIGHT	<input type="text"/>
		MFG DATE	<input type="text"/>
COMPLIES WITH	<input type="text"/>	TYPE	<input type="text"/>
00-5008			

ALTERNATE P/N

SAFRAN		Safran Seats	
		61, rue Pierre Curie 78370 PLAISIR - FRANCE	
PNO	<input type="text"/>	SER	<input type="text"/>
AMDT	<input type="text"/>	WEIGHT	<input type="text"/>
		DMF	<input type="text"/>
COMPLIES WITH	<input type="text"/>	TYPE	<input type="text"/>
F0554720			

Equipment Identification Plate
Figure 4/GRAPHIC-25-11-96-991-004-A01

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TASK 25-11-96-870-808-A01

8. Modification placards

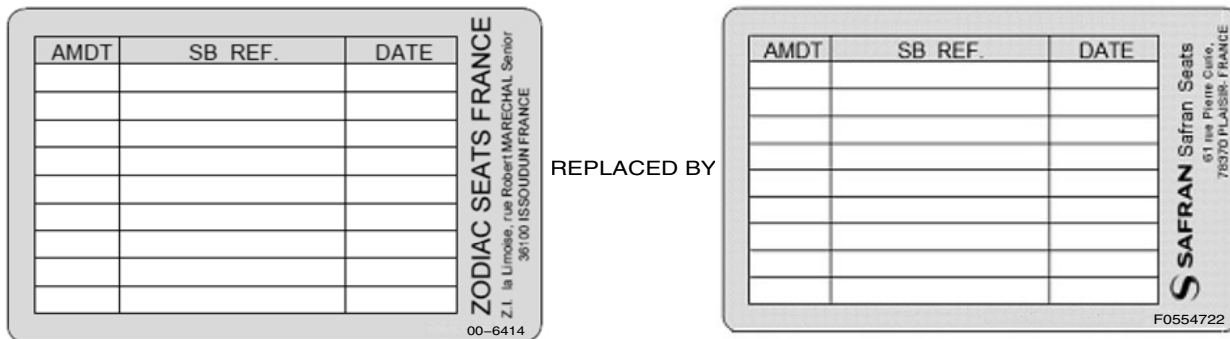
A. Equipment Modification Placard

For equipment modification placard (Refer to Fig. 5).

NOTE : The equipment modification placard P/N 00-6414 ALT P/N F0554722 must be installed near the existing Equipment identification placard.

NOTE : Use self-adhesive transparent plastic film P/N AE404 ALT P/N PDFILMPP100X65 to prevent damage to the surface of the equipment modification placard P/N 00-6414 ALT P/N F0554722.

Add or complete the equipment modification placard P/N 00-6414 ALT P/N F0554722 on each modified equipment to indicate to indicate that a Service Bulletin and its revision has been completed.



Modification placard
Figure 5/GRAPHIC-25-11-96-991-005-A01

B. Component modification placard

For component modification placard (Refer to Fig. 6).

NOTE : The component modification placard P/N F0523885 ALT P/N F0555661 must be installed near the existing Component identification placard.

NOTE : Use self-adhesive transparent plastic film P/N AE404 ALT P/N PDFILMPP100X65 to prevent damage to the surface of the component modification placard P/N F0523885 ALT P/N F0555661.

Add or complete the equipment modification placard P/N 00-6414 ALT P/N F0554722 on each modified equipment to indicate to indicate that a Service Bulletin and its revision has been completed.

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Modification Placard

Figure 6/GRAPHIC-25-11-96-991-006-A01

In the case when a seat has the previous identification placard P/N 00-5008 or modification placard P/N 00-6414 or 00-7371 containing a legible seat's information, it is not mandatory to replace them.

When an SB kit is ordered and containing the previous identification placard P/N 00-5008 or modification placard P/N 00-6414 or 00-7371, the new identification placard P/N F0554720 or modification placard P/N F0554722 or F0554723 will be received instead. This SIL can be used as an interchangeability document regarding the identification and modification placards.

TESTING AND FAULT ISOLATION

TASK 25-11-96-700-801-A01

1. Testing

A. Reason for the job

This chapter provides the procedures to make sure that the equipment is in good condition, controlling the condition and the characteristics of the equipment.

B. Job set-up information

(1) Tools, features and equipment

Not applicable.

(2) Consumables

Not applicable.

(3) Referenced information

Reference	Designation
TASK 25-11-96-870-801-A01	Description and operation

(4) Test conditions

(a) Ambient temperature: 15 °C to 30 °C (59 °F to 86 °F).

(b) Ambient atmospheric pressure.

(c) Relative humidity: ≤ 90%.

(5) The various incidents that may be encountered are listed below along with their possible causes.

(6) Repair defective parts, ([refer to Page Block 6001](#)) "REPAIR" by approved workshops or replace with serviceable elements. Make sure that you use only approved parts, you may invalidate the certification.

(7) Examine all correct lowering movement of the seating assembly in order to make sure that there are no friction points and that it operates without any problems.

C. Job set-up

Not applicable.

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D. Procedure

- (1) Seat testing
 - (a) The tests consist in putting the seat in its serviceable position and the examination of the good working order of all its different components.
 - (b) Examine the correct lowering movement of the seating assembly, make sure it manually goes back and the door moves correctly, and that there are no friction points and that it operates without any problems.
- (2) Dimensional inspection.
 - (a) Examine that the overall dimensions of the seat are compliant with dimensions paragraph ([Refer to TASK 25-11-96-870-805-A01](#)).
- (3) Functional tests.
 - (a) Examine the seat pan deployment.

There must be no squeaks.
The seat pan deploys fully.
The seat pan rises automatically.
 - (b) Examine the stowage door good locking.

The door can be unlocked, and opens totally (to the floor).
The door locks correctly (hooks have to be locked).
No cracks on the hinges.
The door is centered between the mounting frames, with a tolerance of ± 1 mm (± 0.04 in).
 - (c) Make sure that the mounted headrest is the standard one.

The headrest locks and unlocks without any tools.
- (4) Restraint system.
 - (a) Make sure that every component of the harness is correctly attached with the buckle.

Each element must lock on the buckle.
 - (b) Make sure that no belt is caught when the buckle is activated.

No element must get caught.
 - (c) Make sure that the two mounting screws on the pelvis straps (1 per side) are correctly tightened.

Fastener must be able to pivot.
 - (d) Make sure that shoulder belts can wind up correctly to the stop (strap guide), and at a consistent speed.

The necessary time for the rolling-up of the belts between maximum deployment and propped up over guides must be between 1 and 2 seconds.

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- (e) Make sure that pelvis straps adjusters are working correctly.
Deploy and fold-up the pelvis straps via the adjuster (up to abutment on each side).
- (f) Make sure that the locking mechanism of the inertia reel is working correctly.
Pull sharply on the shoulder belts and the inertia reel must be blocked.

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TASK 25-11-96-810-801-A01

2. Fault Isolation Procedures

The possible failures causes for this equipment could be due to a defective assembly or adjustment during the assembly of various sub-assemblies.

An incorrect use could be a source of incidents. In all these cases, remove and replace the defective parts.

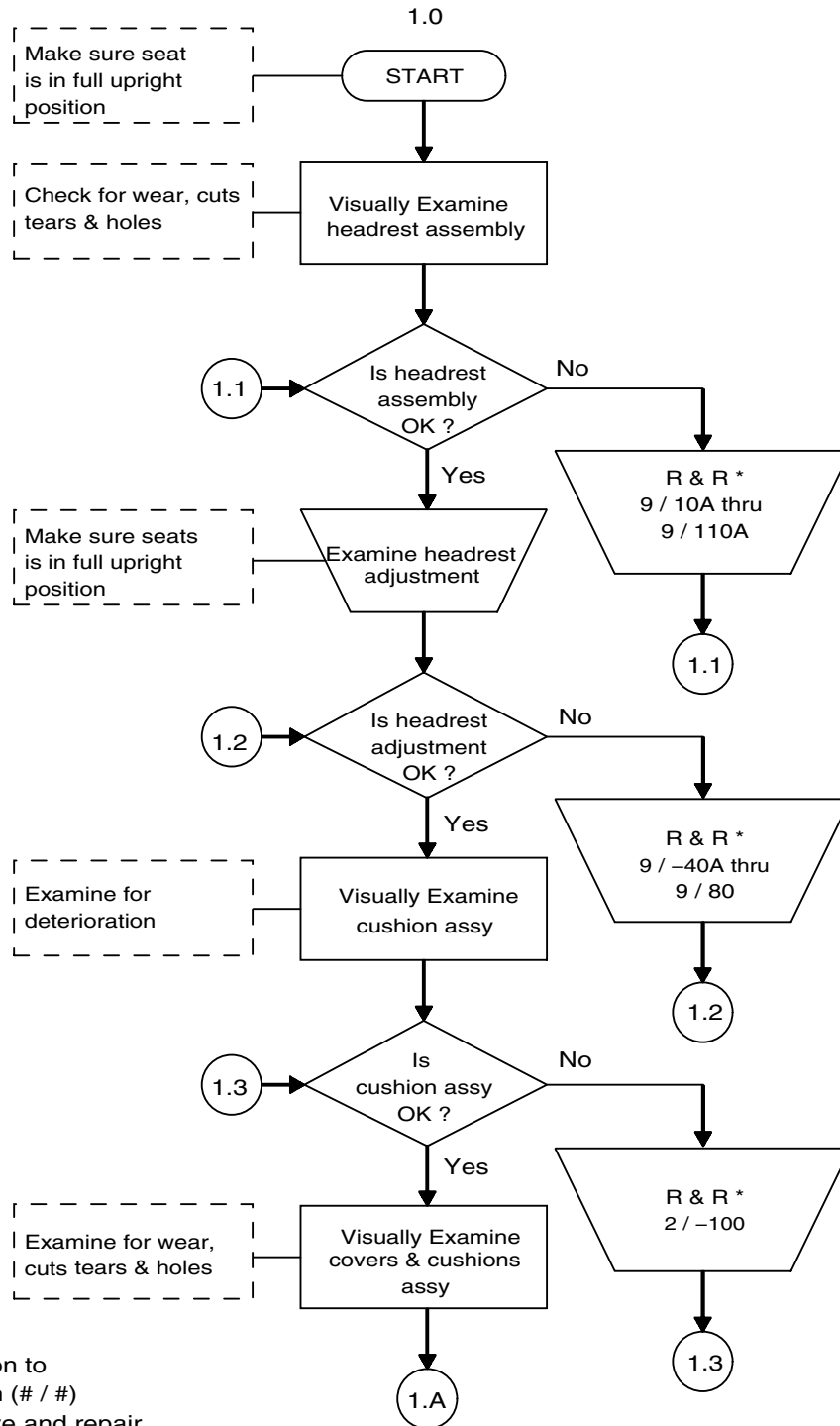
NOTE : Structural or attaching hardware is not covered in the trouble shooting procedure. These items have no operational characteristics to examine, a visual inspection for looseness, broken, cracked or damaged parts will indicate the cause of the trouble and the corrective action to be taken. (Refer to [Table 1001](#)) to locate faults in the seat assembly applicable to a subassembly or to an individual part.

Once the indicated repairs performed, try out the seat again to ensure that the fault no longer exists, (refer to [Page Block 0001](#)) "DESCRIPTION AND OPERATION".

The most frequently encountered failures during use of the equipment are listed in the table below, as well as the possible causes and corresponding repairs to be performed.

Fault Isolation Procedures		
Trouble	Probable Cause	Corrective Action
Shoulder harness does not retract.	Inertia reel malfunctioning.	Examine shape good winding.
		Replace inertia reel.
Unlatching levers locked.	Linkage system broken.	Replace defective spares
	Spring unhooking.	Refix spring to the shaft or jack shaft.
Seat bottom does not come back by itself in stocking position.	Broken or damaged lock.	Replace finger and examine the well operation.
	Broken finger from closing system.	Replace pins.
Seat slides on shafts in service position.	Broken or lost pins.	Replace pins.
	Shaft locking malfunctioning.	Replace spring. Examine position from circlip.
Headrest does not latch.	Broken or damaged spring.	Replace spring.
The armrest does not raise completely.	Guide in bad position in the slider.	To put correctly the guide in position again. Examine the well operation.
	Broken or damaged spring.	Replace spring.

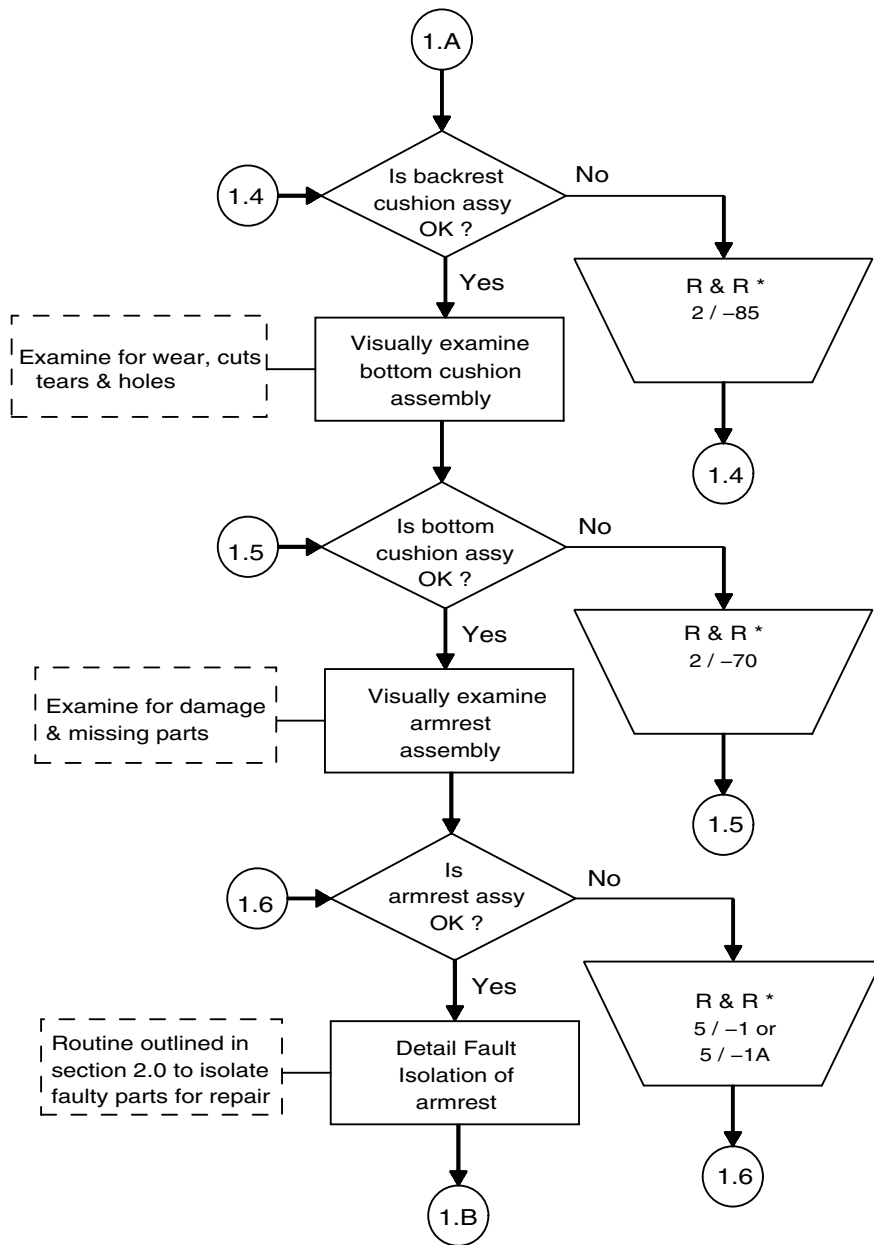
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* NOTE:
 Refer to IPL section to
 identify figure-item (# / #)
 Identified in remove and repair
 (R & R) block.

Fault Isolation Flowchart - Seat Assembly (Sheet 1 of 3)
 Figure 1001/GRAPHIC-25-11-96-991-101-A01

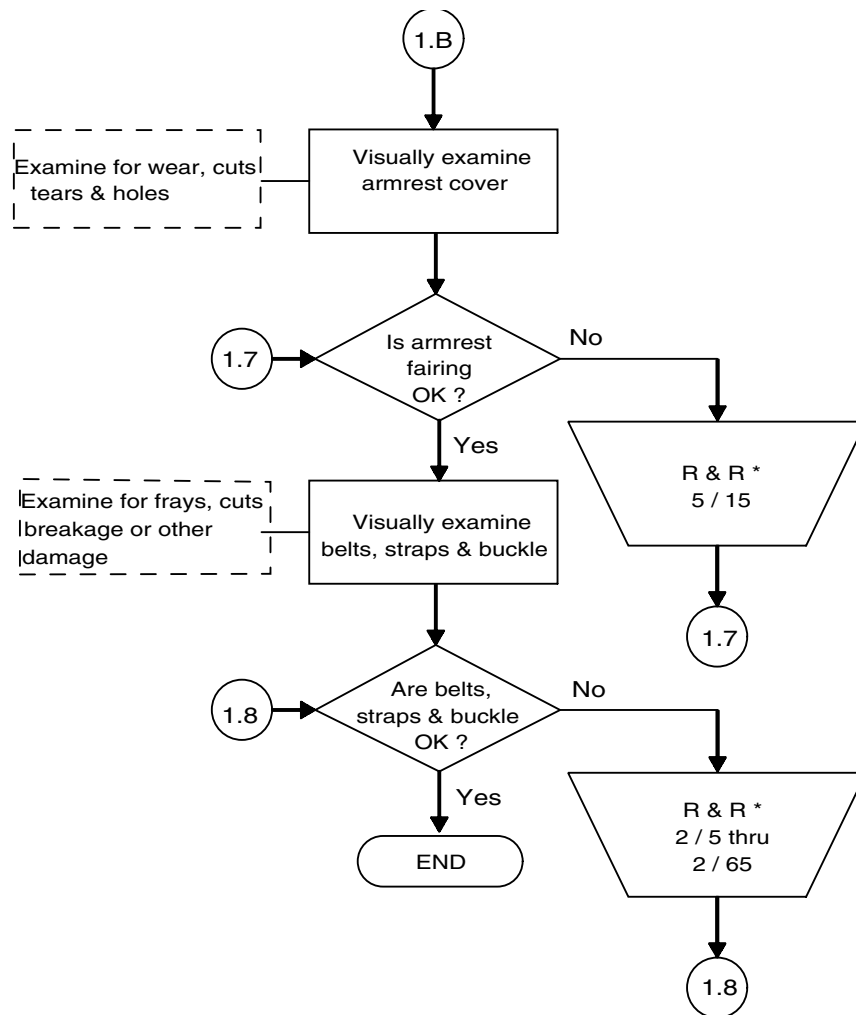
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Fault Isolation Flowchart - Seat Assembly (Sheet 2 of 3)
Figure 1001/GRAPHIC-25-11-96-991-101-A01

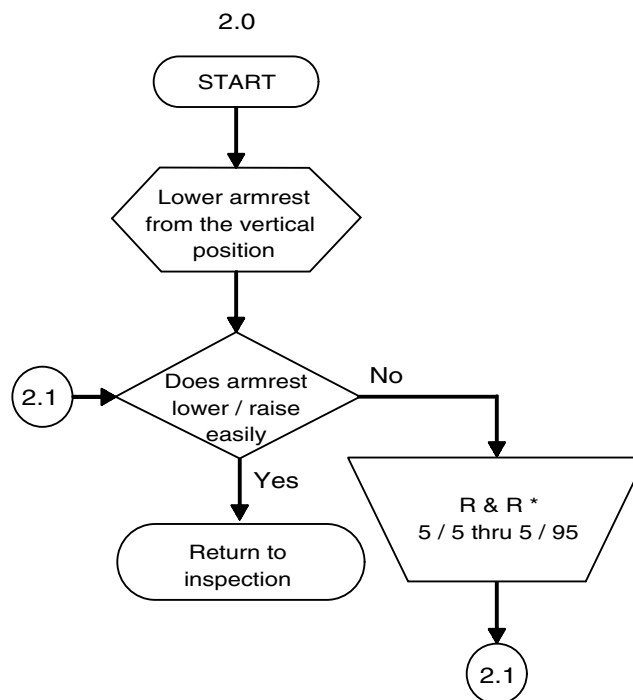
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* NOTE:
 Refer to IPL section to
 identify figure-item (# / #)
 Identified in remove and repair
 (R & R) block.

Fault Isolation Flowchart - Seat Assembly (Sheet 3 of 3)
 Figure 1001/GRAPHIC-25-11-96-991-101-A01

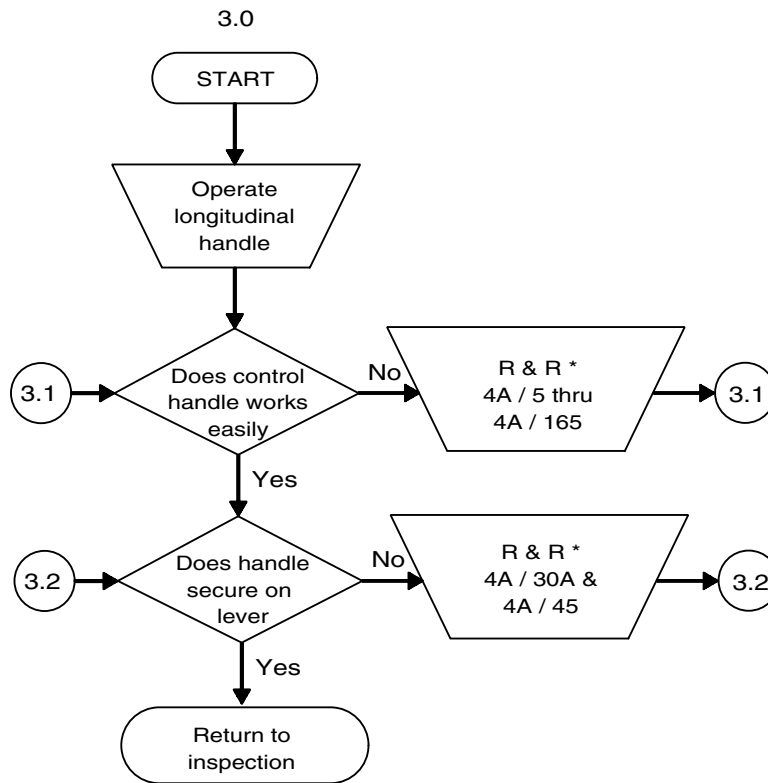
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* NOTE:
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(R & R) block.

Fault Isolation Flowchart - Armrest Assembly
Figure 1002/GRAPHIC-25-11-96-991-102-A01

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* NOTE:
Refer to IPL section to
identify figure–item (# / #)
Identified in remove and repair
(R & R) block.

Fault Isolation Flowchart - Longitudinal Adjustment
Figure 1003/GRAPHIC-25-11-96-991-103-A01

SCHEMATICS AND WIRING DIAGRAMS

TASK 25-11-96-878-801-A01

1. Handling Information for Electrostatic Discharge Sensitive Devices (SIL 0014)

Some equipment installed on Safran Seats France seats, shells, monuments and consoles are ElectroStatic Discharge Sensitive (ESDS) devices. ElectroStatic Discharge (ESD) can cause immediate or latent damages to these devices and can make them unserviceable.

The static sensitive devices are identified by a label, with a hand crossed out in a triangle, or three arrows and a circle. Examples of labels are shown below:



Examples of Label Identifying Electrostatic Discharge Sensitive devices
Figure 2001/GRAPHIC-25-11-96-991-201-A01

The electrostatic handling procedure makes sure that ESDS devices are not subject to discharge of static electricity.

User discipline for ESDS:

- Change into an antistatic overall which fully puts cover on all clothing likely to touch the ESDS devices
- Attach a wrist strap and grounding lead. Make sure the wrist strap is correctly in contact with the wrist, and connect the grounding lead to a static ground point
- Make sure that all tools, devices and work pieces are situated on a conductive work surface
- Obey the above precautions during all operations until the ESDS devices are safely repackaged in conductive packaging or fully assembled in an assembly which is declared safe by its assembly instructions and packed in an approved container.

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NOTE : If ESDS devices are accidentally handled without the above specified conditions, or they come into contact with unwanted items, their serviceability must be fully examined.

General handling rules for ESDS:

- Prevent having all items, specially non-conductive items (for example plastic trays or bags, packaging material, handbags, drawings or personal objects) in the limits of the Special Handling Area which are not essential for the work immediately. Drawings which are necessary, are correctly attached to a rail or rigid structure to make sure that they cannot move into the work area
- Wear gloves or finger stalls when handling ESDS, unless they are made of an approved conductive material
- Before removing a device from its conductive packaging, first touch the conductive packaging, similarly when repackaging. The conductive packaging is touched by hand before putting it in touch with the device. Be careful that the device terminals do not come in touch with all plastics or papers outer containers
- Remind that ESDS can be destroyed by only momentarily touching any part of the device or its case with all non-conducting or unwanted objects and that the damage is inflicted at the moment of touch
- Know that the use of conductive surfaces in the Special Handling Area starts from the correct procedure supplying electrical insulated work surfaces. Be careful that unauthorized electrical equipment is not moved into the special handling Area and that covers are not removed from all "life" equipment.

Always refer to the documentation of the equipment manufacturer and apply their handling procedure if it is specified.

DISASSEMBLY

TASK 25-11-96-000-801-A01

1. Disassembly

WARNING : YOU MUST FOLLOW THE OEM INSTRUCTIONS PRIOR TO WORKING ON ANY SEATBELT AIRBAG COMPONENTS (REFER TO IPL SECTION FOR P/N AND ASSOCIATED CAGE CODE).

A. Reason for the job

This chapter includes the instructions to do the disassembly of the seat Assembly. Because of similarities in seat configurations and for the purpose of explanation, this manual refers to only one type of seat model for description and illustration.

B. Job set-up information

WARNING : MAKE SURE THAT THE WORKBENCH, TOOLS AND PARTS ARE FULLY CLEAN. GIVE PROTECTION TO ALL PARTS WHEN YOU REMOVE THEM AND OBEY THE USUAL PRECAUTIONS TO USE TOOLS CORRECTLY.

CAUTION : DO NOT LIFT AND MOVE THE SEAT BY THE ARMRESTS.

CAUTION : DO NOT MOVE THE SEAT ASSEMBLIES ACROSS FLOOR SURFACES, THIS WILL DAMAGE THE TRACK ATTACHING FITTINGS OR MOUNTING SURFACES BY THE ABRASIVE REMOVAL OF METAL FROM THESE VERY IMPORTANT AREAS.



NOTE : Full disassembly of the seat assembly is neither anticipated nor recommended. The degree of disassembly carried out should not be more than necessary. For the identification of damage or functional failure (refer to Page Block 5001) "CHECK" and (refer to Page Block 1001) "TESTING AND FAULT ISOLATION".

NOTE : After removal of the seat assembly from the aircraft, the use of a correct frame to simulate the applicable aircraft mounting provisions is recommended to help maintenance and repair.

NOTE : Before disassembly mark all parts in sequence to help easier subsequent assembly and to prevent any assembly errors.

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(1) Tools, features and equipment

Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
5	Ratchet set (Inch)	 <p align="center">Ratchet Set (Inch) Figure 3001/GRAPHIC-25-11-96-991-301-A01</p>
10	Deep socket set	 <p align="center">Deep Socket Set Figure 3002/GRAPHIC-25-11-96-991-302-A01</p>


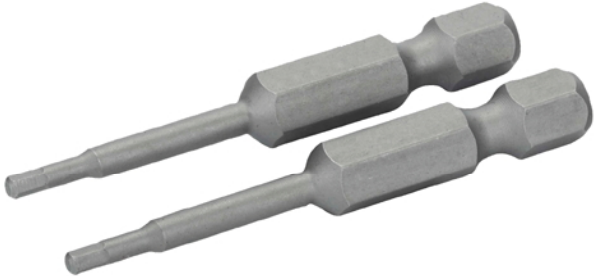


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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
15	Measuring tape	 <p align="center">Measuring Tape Figure 3003/GRAPHIC-25-11-96-991-303-A01</p>
20	Steel rule	 <p align="center">Steel Rule Figure 3004/GRAPHIC-25-11-96-991-304-A01</p>
25	Cutter	 <p align="center">Cutter Figure 3005/GRAPHIC-25AGRAPHIC-25-11-96-991-305-A01-11-58-991-305-A01</p>
30	Shears	 <p align="center">Shears Figure 3006/GRAPHIC-25-11-96-991-306-A01</p>

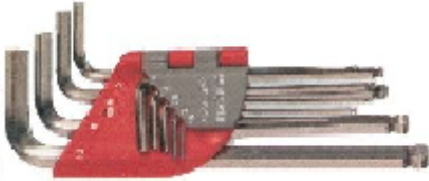




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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
35	Flexible magnet	 <p align="center">Flexible Magnet Figure 3007/GRAPHIC-25-11-96-991-307-A01</p>
40	Rubber head mallet	 <p align="center">Rubber Head Mallet Figure 3008/GRAPHIC-25-11-96-991-308-A01</p>
45	Center punch	 <p align="center">Center Punch Figure 3009/GRAPHIC-25-11-96-991-309-A01</p>
50	Magnetic ratchet screwdriver bit	 <p align="center">Magnetic Ratchet Screwdriver Bit Figure 3010/GRAPHIC-25-11-96-991-310-A01</p>




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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
55	Bit kit	 <p align="center">Bit Kit Figure 3011/GRAPHIC-25-11-96-991-311-A01</p>
60	Long bit kit	 <p align="center">Long Bit Kit Figure 3012/GRAPHIC-25-11-96-991-312-A01</p>
65	Phillips tip screwdriver	 <p align="center">Phillips Tip Screwdriver Figure 3013/GRAPHIC-25-11-96-991-313-A01</p>
70	Flap tip screwdriver	 <p align="center">Flap Tip Screwdriver Figure 3014/GRAPHIC-25-11-96-991-314-A01</p>





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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
75	Hexagonal wrench set	 <p align="center">Hexagonal Wrench Set Figure 3015/GRAPHIC-25-11-96-991-315-A01</p>
80	Flank drive open end	 <p align="center">Flank Drive Open End Figure 3016/GRAPHIC-25-11-96-991-316-A01</p>
85	Ratchet wrench	 <p align="center">Ratchet Wrench Figure 3017/GRAPHIC-25-11-96-991-317-A01</p>
90	Pin punch set	 <p align="center">Pin Punch Set Figure 3018/GRAPHIC-25-11-96-991-318-A01</p>
95	Swiww needle files	 <p align="center">Swiww Needle Files Figure 3019/GRAPHIC-25-11-96-991-319-A01</p>

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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
100	Tap and die sets	 <p align="center">Tap and Die Sets Figure 3020/GRAPHIC-25-11-96-991-320-A01</p>
105	Needle nose plier	 <p align="center">Needle Nose Plier Figure 3021/GRAPHIC-25-11-96-991-321-A01</p>
110	Retaining ring plier Ext.	 <p align="center">Retaining Ring Plier Ext. Figure 3022/GRAPHIC-25-11-96-991-322-A01</p>

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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
115	Retaining ring plier Int.	 <p align="center">Retaining Ring Plier Int. Figure 3023/GRAPHIC-25-11-96-991-323-A01</p>
120	35° angle jaws needle noseplier	 <p align="center">35° Angle Jaws Needle Noseplier Figure 3024/GRAPHIC-25-11-96-991-324-A01</p>
125	Wire cutter	 <p align="center">Wire Cutter Figure 3025/GRAPHIC-25-11-96-991-325-A01</p>
130	Lock on wrench	 <p align="center">Lock on Wrench Figure 3026/GRAPHIC-25-11-96-991-326-A01</p>

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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
135	Multi-grip plier	 <p align="center">Multi-grip Plier Figure 3027/GRAPHIC-25-11-96-991-327-A01</p>
140	Combination plier	 <p align="center">Combination Plier Figure 3028/GRAPHIC-25-11-96-991-328-A01</p>
145	Flashlight	 <p align="center">Flashlight Figure 3029/GRAPHIC-25-11-96-991-329-A01</p>




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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
150	Headlamp	 <p align="center">Headlamp Figure 3030/GRAPHIC-25-11-96-991-330-A01</p>
155	Tool box visual detection	 <p align="center">Tool Box Visual Detection Figure 3031/GRAPHIC-25-11-96-991-331-A01</p>
160	Rivet tool	 <p align="center">Rivet Tool Figure 3032/GRAPHIC-25-11-96-991-332-A01</p>




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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
165	Nut setter tool	 <p align="center">Nut Setter Tool Figure 3033/GRAPHIC-25-11-96-991-333-A01</p>
170	Torque wrench	 <p align="center">Torque Wrench Figure 3034/GRAPHIC-25-11-96-991-334-A01</p>
175	Forge gauge	 <p align="center">Forge Gauge Figure 3035/GRAPHIC-25-11-96-991-335-A01</p>

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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
180	Harness hand crimper	 <p align="center">Harness Hand Crimper Figure 3036/GRAPHIC-25-11-96-991-336-A01</p>
185	Drill hand	 <p align="center">Drill Hand Figure 3037/GRAPHIC-25-11-96-991-337-A01</p>
190	Cable tie gun	 <p align="center">Cable Tie Gun Figure 3038/GRAPHIC-25-11-96-991-338-A01</p>

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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
195	Digital tester	 <p align="center">Digital Tester Figure 3039/GRAPHIC-25-11-96-991-339-A01</p>
200	Digital caplier	 <p align="center">Digital Caliper Figure 3040/GRAPHIC-25-11-96-991-340-A01</p>
205	Heat gun	 <p align="center">Heat gun Figure 3041/GRAPHIC-25-11-96-991-341-A01</p>

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Tools List		
Items	Standard Tool Designation	Non- Contractual Pictures
210	Vacuum machine	 Vacuum machine Figure 3042/GRAPHIC-25-11-96-991-342-A01
215	Cordless hand drill	 Cordless Hand Drill Figure 3043/GRAPHIC-25-11-96-991-343-A01
220	Helicoil thread repair kit	 Helicoil Thread Repair Kit Figure 3044/GRAPHIC-25-11-96-991-344-A01

Table 3001 / Tools, Features and Equipment

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(2) Referenced information

Reference	Designation
TASK 25-11-96-200-801-A01	Check
TASK 25-11-96-810-801-A01	Testing and fault isolation
SUBTASK 25-11-96-040-001-A01	Figure 2 Figure 4 Figure 3045
SUBTASK 25-11-96-040-002-A01	Figure 3 Figure 5
SUBTASK 25-11-96-040-003-A01	Figure 3
SUBTASK 25-11-96-040-004-A01	Figure 4
SUBTASK 25-11-96-040-005-A01	Figure 7
SUBTASK 25-11-96-040-006-A01	Figure 2 Figure 9
SUBTASK 25-11-96-040-007-A01	Figure 6
SUBTASK 25-11-96-040-008-A01	Figure 8
SUBTASK 25-11-96-040-009-A01	Figure 4A
SUBTASK 25-11-96-040-010-A01	Figure 3046

C. Job set-up

Not applicable.

D. Procedure

SUBTASK 25-11-96-040-001-A01

(1) Removal of the Upholstery

(Refer to IPL FIG. 2)

(Refer to IPL FIG. 4)

(Refer to Fig. 3045)

- (a) Hold doubler plate (4-15A).
- (b) Disengage the cushion bottom assembly (2-70), remove foam bottom equipped (2-75) from the support.
- (c) Separate bottom cover (2-80) from the foam bottom equipped (2-75).
- (d) Disengage the cushion backrest assembly (2-85), remove foam backrest equipped (2-90) from the support.
- (e) Separate backrest cover (2-95) from the foam backrest equipped (2-90).

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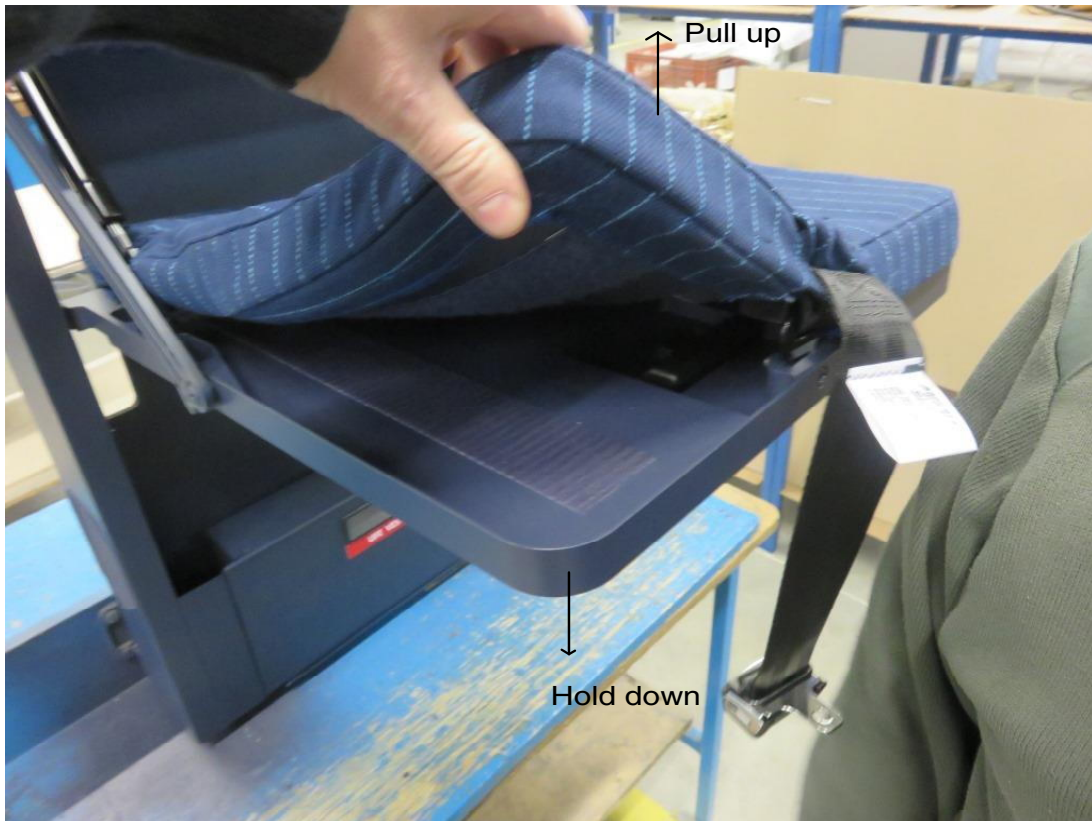
- (f) Disengage the cushion headrest assembly (2-100), remove the foam headrest equipped (2-105) from the support.
- (g) Separate the headrest cover (2-110) from the foam headrest equipped (2-105).
- (h) Loosen screws (2-35A), remove washer (2-40), bushing (2-30), and nut (2-45) to disengage the restraint system assembly (2-5) of the cushion bottom assembly (2-70).
- (i) Loosen screws (2-10) and (2-55A), remove flat washers (2-50), spacers (2-15) and (2-60) and nuts (2-20A) to separate the restraint system assembly (2-5) of the panel.
- (j) Remove washers (2-65) to disengage the belt attach (2-25).

NOTE : The cushions are attached with Self Fastener.



Upholstery Removal (Sheet 1 of 2)
Figure 3045/GRAPHIC-25-11-96-991-345-A01

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Upholstery Removal (Sheet 2 of 2)
Figure 3045/GRAPHIC-25-11-96-991-345-A01

SUBTASK 25-11-96-040-002-A01

(2) Removal of Armrest Assembly

(Refer to IPL FIG. 3)

(Refer to IPL FIG. 5)

- (a) Loosen screw (5-85), remove washers (5-90) and (5-95), nut (5-100) and shaft (3-70A) then separate the armrest from the structure.
- (b) Loosen screws (5-75) and (5-80) remove protection plate (5-65A) to disengage the rod equipped (5-20).

SUBTASK 25-11-96-040-003-A01

(3) Removal of Structure Assembly

(Refer to IPL FIG. 3)

- (a) Loosen screws (3-30A), remove washers (3-35) and nuts (3-40) to disengage the columns (3-10B) and (3-10C) of the panel (3-15).

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SUBTASK 25-11-96-040-004-A01

(4) Removal of Bottom Equipped

(Refer to IPL FIG. 4)

- (a) Remove circlips (4-100) and upper lock shafts (4-95) then disengage the lock (4-75).
- (b) Loosen screws (4-65) and (4-130), remove bushings (4-55) and (4-120), spacers shafts (4-60) and (4-125), and separate the bottom assembly (4-5A) from the link equipped LH (4-70) and link equipped RH (4-70A).
- (c) Loosen screws (4-115), remove washers (4-45) and (4-110), roller shafts (4-30), rollers (4-105) and nuts (4-50). Disengage the bottom assembly (4-5A) from the structure assembly.

SUBTASK 25-11-96-040-005-A01

(5) Removal of Aft Covers and Life Vest Stowage

(Refer to IPL FIG. 7)

- (a) Remove rivets (7-10) to disengage aft cover (7-5).
- (b) Loosen screws (7-20), (7-25B) and (7-30), remove washers (7-35), shaft (7-40) and nuts (7-45) then remove the life vest box (7-16).

NOTE : The door equipped (7-60A) and life vest stowage (7-15A) are attached with self fasteners.

SUBTASK 25-11-96-040-006-A01

(6) Removal of Headrest Equipped

(Refer to IPL FIG. 2)

(Refer to IPL FIG. 9)

- (a) Remove the foam headrest equipped (2-105) then separate the headrest cover (2-110).
- (b) Loosen the screws (9-110A), spacers (9-105), and then compress spring (9-65) with finger (9-45) then separate the headrest assembly (9-5) from the structure.

SUBTASK 25-11-96-040-007-A01

(7) Removal of Backrest Equipped

(Refer to IPL FIG. 6)

- (a) Loosen screws (6-10) and (6-15), remove washers (6-20) and nuts (6-25) to separate backrest assembly (6-5A).

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SUBTASK 25-11-96-040-008-A01

(8) Removal of Fixation Assembly

(Refer to IPL FIG. 8)

- (a) Disengage the pip-pin (8-155) then disengage the lower arm equipped (8-150) from the lower roller bearing assembly (8-5).
- (b) Disengage the pip-pin (8-185). Pull the screw (8-210) and washer (8-215), and then disengage the upper arm equipped (8-180) from the upper roller bearing assembly (8-80).

SUBTASK 25-11-96-040-009-A01

(9) Removal of Mechanism Assembly

(Refer to IPL FIG. 4A)

- (a) Loosen screws (4A-205A) and (4A-235), remove washers (4A-215A), spacer (4A-210), stepped spacer (4A-240) and nut (4A-245), and separate the spring (4A-180) of the lever (4A-175) to disengage the lower mechanism with the panel.
- (b) Loosen screw (4A-25A), remove washers (4A-40A), stepped bushing (4A-35A) and nut (4A-55) then separate the handle.
- (c) Loosen screws (4A-140) and (4A-165), remove washers (4A-150), collar (4A-166), plastic rivet (4A-167) and nuts (4A-145) to disengage the cable assembly (4A-130) and the cable support (4A-135).
- (d) Loosen screw (4A-105), remove washers (4A-100) and (4A-110), lever bushing (4A-95) and separate the spring (4A-85) of the lever (4A-80) to disengage the upper mechanism with the panel.

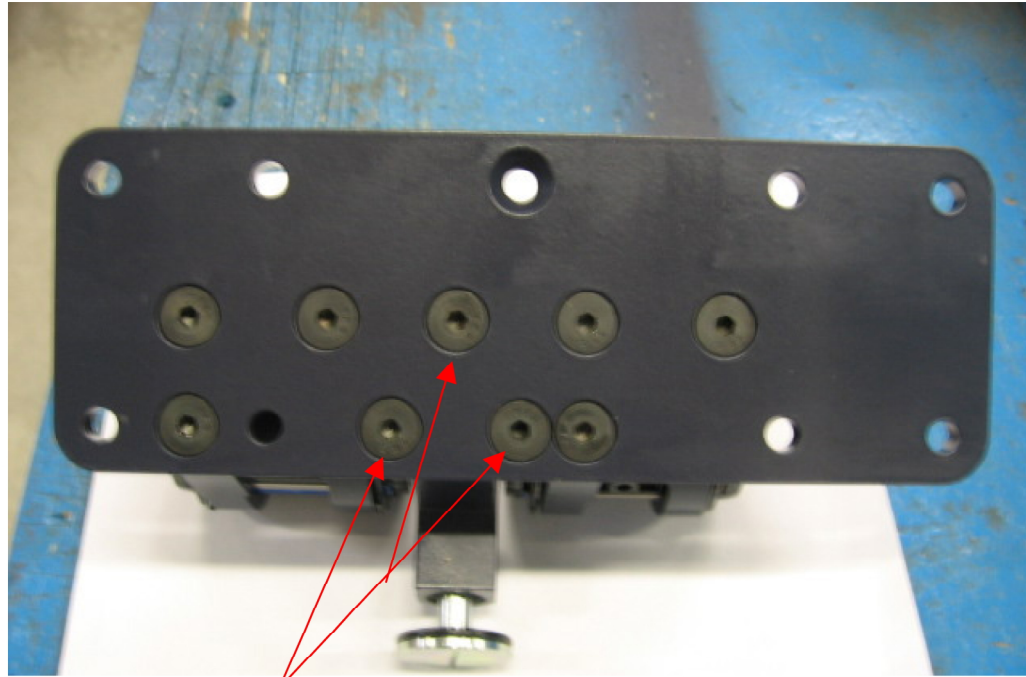
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SUBTASK 25-11-96-040-010-A01

(10) Procedure for Fitting Replacement

(Refer to Fig. 3046)

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Remove these 3 screws

3 screws (P/N 355041ASMEB18-3)



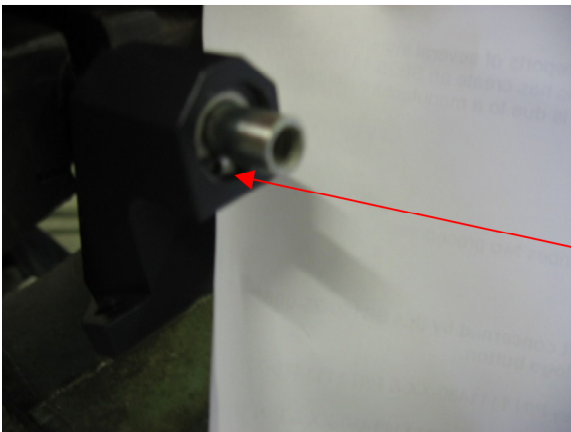
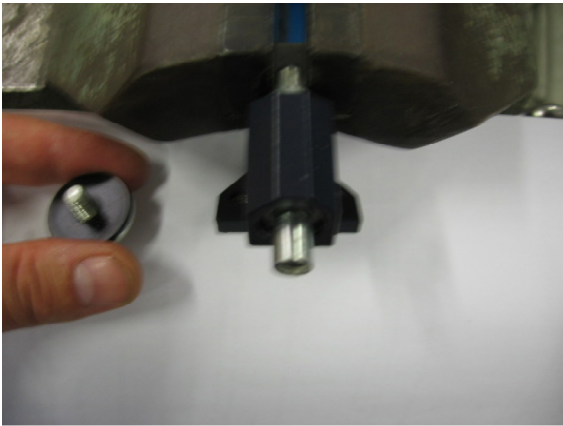
Fitting equipped (P/N 133010-3)

Fitting Replacement (Sheet 1 of 3)
Figure 3046/GRAPHIC-25-11-96-991-346-A01

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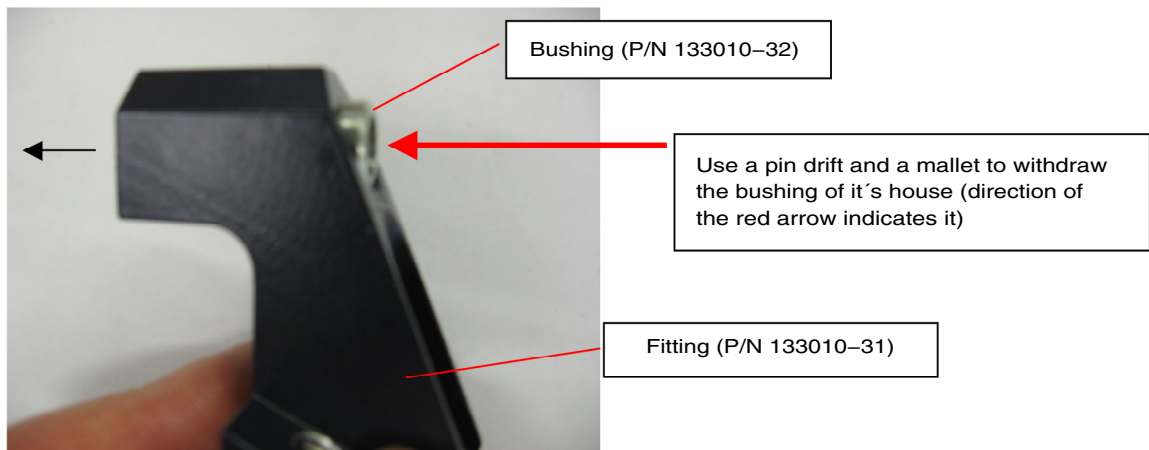
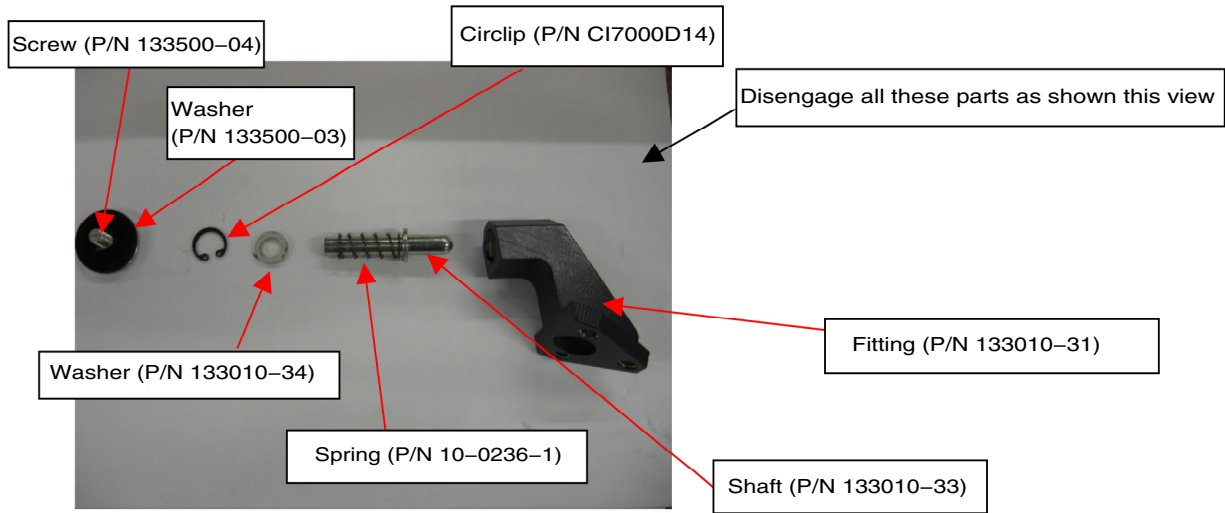
Tighten moderately the axis in the bench vice
and to loosen screw



Remove the circlips inside of fitting and
disengage the shaft from the fitting

Fitting Replacement (Sheet 2 of 3)
Figure 3046/GRAPHIC-25-11-96-991-346-A01

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Install the new Fitting (P/N 133010-31)

CAUTION: DON'T FORGET TO INSTALL 2 DROPS OF THREAD LOCK LOCTITE N°222 (OR EQUIVALENT) ON THE SCREW (P/N 133500-04) DURING THE REASSEMBLY.



Fitting Replacement (Sheet 3 of 3)
Figure 3046/GRAPHIC-25-11-96-991-346-A01

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CLEANING

TASK 25-11-96-100-801-A01

1. Cleaning

A. Reason for the job

Thorough cleaning is essential to any close inspection to determine the presence, extent and location of possible defects. External surfaces and upholstery must periodically be examined and cleaned.

WARNING : ALL THE CLEANING MATERIAL USED MUST BE VALIDATED BY SAFRAN SEATS FRANCE. IF THE CLEANING MATERIAL IS NOT VALIDATED BY SAFRAN SEATS FRANCE, THE PARTS WILL DECREASE THE GUARANTEE.

B. Job set-up information

NOTE : The table below lists cleaning agents and materials for use on the seat assembly.

NOTE : You can use equivalent alternative for items in the lists.

(1) Tools, features and equipment

Reference	Qty	Designation
No specific	1	Standard mechanics technician's tool
No specific	As Required	Washing machine
No specific	1	Vacuum cleaner
No specific	1	Cloth
No specific	1	Low pressure jet of dehydrated air

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(2) Consumables

CAUTION : ALL THE CONSUMABLES SUPPLIED BY SAFRAN AND LISTED INTO THE CMM CAN HAVE A LIMITED LIFETIME. PLEASE REVIEW LABELS ON CONTAINER OR EXAMINE THE TECHNICAL DATA SHEET BEFORE USE OR STORE.

CAUTION : DURING THE CLEANING, USE CELLOPHANE TO PREVENT DAMAGE ON THE MATERIAL AS ACTUATOR, HARNESS, SWITCH AND RECLINE LOCK.

CAUTION : DRY THE SEAT AFTER ANY CLEANING.

Consumables		
Use	Qty	Designation
Metal, dirt and grime	As Required	Soap and water (ivory liquid soap), chlorinated dry cleaning solvent.
Metal, grease and oil	As Required	Hexane, Isopropyl alcohol, grain alcohol (ethanol). Chlorinated dry cleaning solvent.
Fabric backed vinyls	As Required	Soap and water (ivory liquid soap).
Polycarbonate/ABS fairing dirt and grime	As Required	Soap and water only.
Leather	As Required	Saddle soaps.
Sheepskin	As Required	Soaps such as Ivory liquid containing no enzymes and a neutral pH. Do not use Woolite.
Pre-washing	As Required	Perchlorethylene.
Washing	As Required	Alcohol.

(3) Referenced information

Not applicable.

C. Job set-up

Not applicable.

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D. Procedure

WARNING : USE CLEANING AGENTS ONLY IN AN AREA WITH A GOOD SUPPLY OF AIR. OBEY LOCAL SAFETY AND HEALTH INSTRUCTIONS. OBEY THE MANUFACTURERS INSTRUCTIONS. PUT ON PROTECTIVE CLOTHING. DO NOT DRINK SOLVENTS/CLEANING AGENTS. DO NOT SMOKE. DO NOT BREATHE THE FUMES. SOLVENT/CLEANING AGENTS ARE POISONOUS AND FLAMMABLE. USE THE APPROVED HAND AND EYE PROTECTION WHEN YOU APPLY THE CLEANING AGENT.
IF YOU GET THE CLEANING AGENT ON YOUR SKIN OR IN YOUR EYES:
- FLUSH IT AWAY WITH CLEAN WATER.
- GET MEDICAL AID.

CAUTION : USE ONLY SPECIFIED MATERIALS OR THEIR EQUIVALENT. MATERIALS THAT ARE NOT SPECIFIED CAN DAMAGE THE SURFACE PROTECTION.

CAUTION : DO ALL THE WORK WITH A FULLY CLEAN WORKBENCH, TOOLS AND PARTS.

CAUTION : PROTECT ALL OTHER NOT REQUIRED SURFACES OF ANY CLEANING AGENT SPLATTER TO NOT AFFECT THEIR MATERIAL PROPERTIES.

CAUTION : DURING THE CLEANING, PREVENT DAMAGE TO THE ACTUATOR, HARNESS, SWITCH AND TILT LOCK. DRY THE SEAT AFTER ANY CLEANING.

SUBTASK 25-11-96-160-001-A01

(1) Polycarbonate/ABS fairing

CAUTION : CLEANING AGENTS WITH CHLORINATED SOLVENTS, DENATURED ALCOHOL, ACETONE AND/OR STRONG DETERGENTS WITH HIGH AMMONIA OR ALKALINE CONTENTS ARE NOT PERMITTED. STEAM CLEANING IS NOT PERMITTED. THE USE OF ABOVE GIVEN MATERIAL OR PROCEDURE WILL HAVE AN UNWANTED EFFECT ON THE MATERIAL PROPERTY, THEN IT BECOMES BRITTLE.

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- (a) Extreme care must be taken in cleaning all plastics. Alcohol or bleaches based agents will never have to be used to clean any plastic materials.
- (b) Clean all plastic surfaces with a mild soap (Ph < 7) and water solution.
- (c) To mix soap with water and obtain the desired concentration refer to the strength needed for cleaning purposes.
- (d) Apply the solution directly to the surface and rub with a clean cloth to loosen any dirt and debris.
- (e) Rinse with clear water, then wipe off with a dry cloth.

SUBTASK 25-11-96-160-002-A01

(2) Dress covers

All previously stated considerations concerning dress covers remain in effect. In addition to appearance and sanitary considerations, the cleanliness of dress covers can affect the thermal performance of the fire blocking system. Cleaning intervals for dress covers must be evaluated to ensure against unwanted contamination buildup and transfer of contamination through to the fire blocking liner.

NOTE : The fabric loses its fire blocking capacity after twenty washings.

SUBTASK 25-11-96-160-003-A01

(3) Cushions

The factors affecting the thermal performance of cushions are the density of the cushions and their cleanliness.

Tests have shown that changes in cushion firmness (IFD / Identification Force Deflection) do not affect the thermal performance properties of the cushion.

Heavy stains on cushions, particularly from petroleum materials, must not be allowed to build up. Mild non-volatile, non-flammable cleaners can be used gently on the surface of the cushion. Do not rub hard enough to break the skin of the foam. Because of the fire blocking layer, cushions can be expected to remain fairly clean.

SUBTASK 25-11-96-160-004-A01

(4) Upholstery cleaning procedures (seat covers and FBL)

NOTE : For wool fabrics (carpet included), machine cleaning procedure (washing) must be avoided to prevent shrinkage. Dry cleaning is recommended. In case of doubt, contact the fabric supplier.

(a) Machine cleaning procedure

1 Identification and classification of the stains

Examine the covers before cleaning to identify stains which are not removed by machine cleaning and therefore submit them to a pre-washing.

Machine cleaning can in fact alter these stains and make their successive elimination quite difficult.

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As general criteria remember that these stains are not directly removed in the machine and therefore necessary a pre-washing:

- Coca cola, wine, blood, fruit, sweat, food.

On the contrary, machine cleaning removes stains of:

- Coffee, fats, alcoholic drinks, some kinds of ink.

Generally stains are recognized as follows:

- Coffee and ink stains for their color and neat outline.
- Wine, coca cola, alcoholic drinks and sweat stains for their extensive and shaded outline.
- Food and fat stains for their consistence.
- Fruit and blood stains are not easily recognizable.

2 Pre-washing

NOTE : Pre-washing is advisable for all of stains of uncertain nature.

Do the pre-washing as follows:

- a Prepare a mixture of Neptune, perchlorethylene and water with a 1 : 1 : 1 ratio. Quantity: about 1 l (0.2642 US gal) of mixture for 30 covers. Do the pre-washing as described above.

3 Preparation of covers

The adhesive stripes of all covers must be covered to prevent fraying of fabric at the end of the cleaning phase.

4 Preparation of the machine

At least once a day it is necessary to do these operations:

- a Regenerate the perchlorethylene through distillation.
- b Add, directly in the reservoir, 1 l (0.2642 US gal) of the pure additive used in pre-washing to every 100 l (26.42 US gal) of perchlorethylene.

5 Washing phase

Before each load of covers add one of theses additives to the perchlorethylene, directly in the drum:

- a Neptune: prepare a mixture of additive, alcohol and water in a ratio of 1 : 1 : 1, for 1.5 liter (0.3963 US gal) of mixture for every 20 kg (44 lbs) of covers to be washed.

NOTE : The additive introduced in the drum must be the same as the one used for the pre-washing.

- b Mix the perchlorethylene and the mixture before introducing the covers, to help the dispersion of the additive in the solvent.

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- c Load the drum with the covers, make sure that the adhesive stripes are covered. The quantity of covers must not be over 80% of the machine maximum operation load.
- d Wash for five minutes at room temperature.
- e Spin for 3 minutes, do not exceed 500 r.p.m.
- f Rinse for 5 minutes with pure solvent at room temperature.
- g Dry the covers, do not exceed the temperature of 60°C (140°F).

6 Control and repetition of treatment

Examine the covers, one by one, to separate those which still have stains. Pre-wash again the covers which still present stains per steps (2)2 and 3). Machine wash them together with another load of the same type. The second pre-wash is essential to prevent the stain becoming even more resistant to removal.

7 Ironing and final control

The covers which have not been rejected must be ironed and must be subjected to a more accurate control, to select and return to the cycle those still having stains.

(b) Dry cleaning procedure

- 1 Cover all hook (male) auto agrip tapes with their counterpart (loop tape) to prevent any damages to the fabric during the dry cleaning procedures.
- 2 Spray the covers with a detergent activator and left for about 20 min before loaded to the dry cleaning machine. Slightly brushed heavily stained areas with a soft brush.
- 3 For the dry cleaning procedure, please follow the instructions of the machine supplier.
- 4 About 70 to 80% of the covers became clean during pre-treatment and dry cleaning-depending on the cleaning system and kind of stains.
- 5 The spots still visible can be cleaned with a steam gun and then dry cleaning again. Before loaded to the dry cleaning machine, the fabric must be fully dry to prevent shrinkage.

Cleaning Materials	
Stain	What to Use
Alcohol, Liquors	Use shampoo and then mop with denatured alcohol.
Beer	Mop with tepid water (50 °C max. (122 °F max.)) with 3% denatured alcohol.

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Cleaning Materials	
Stain	What to Use
Blood	Mop with cold water, then shampoo and use 5% ammonia.
Butter, Oil, Sauce	Mop with ethyl alcohol and perchlorethylene. Use shampoo and then 5% ammonia, if stain remains.
Chewing-gum	Mop with acetone or perchlorethylene.
Chocolate	Mop with tepid water (50 °C max. (122 °F max.)) or with 5% ammonia.
Coffee, Tea	Use shampoo and denatured alcohol or 10% ammonia, if stain remains.
Egg	Mop with 5% ammonia or denatured alcohol, then use shampoo.
Fruits, Food	Mop with tepid water and then use shampoo.
Glue, Paints	Use ethyl alcohol or perchlorethylene, then mop with tepid water or shampoo.
Grass, Vegetables	Moisten with denatured alcohol.
Ink, Coal	Use absorbent paper, then mop with a solution of 30% denatured alcohol and 70% water. Use also lemon juice.
Juice, Jam	Mop with tepid water (50 °C max. (122 °F max.)), if stain remains use ethyl alcohol or perchlorethylene.
Mayonnaise, Ketchup, Mustard	Use 10% ammonia and perchlorethylene, then use shampoo.
Milk, Ice cream, Cream	Use shampoo then mop with 5% ammonia or perchlorethylene.
Mud	Let it dry up and then use vacuum-cleaner.
Shoe polish, Floor, Wax	Use ethyl alcohol or perchlorethylene. If stain remains use 5% ammonia or denatured alcohol.
Sugar	Mop with tepid water and then use shampoo.
Tar	Mop with denatured alcohol or perchlorethylene, then use shampoo.
Vomit, Urine, Ordures	Mop with water and 50% vinegar or denatured alcohol, then use shampoo.
Water	Absorb with a cleaned cloth and let it dry up. Use shampoo or alcohol on eventual rings.
Wax, Paraffin	Put on the seat absorbent paper and iron it. Mop with perchlorethylene and then use shampoo.
Wine, Drinks	Use a solution of 50% vinegar and then shampoo.

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SUBTASK 25-11-96-160-005-A01

(5) Metal parts

Moisten a clean, dry cloth with dry cleaning solvent and thoroughly, wipe metal parts fully clean. Repeat as required to remove stubborn accumulations of dirt and grease. Dry with a fresh, clean, dry cloth.

SUBTASK 25-11-96-160-006-A01

(6) Fabric-backed vinyl

WARNING : KEEP CLEANING SOLVENT AWAY FROM SPARKS OR OPEN FLAMES. PREVENT BREATHE FUMES OR LONG CONTACT OF SOLVENT WITH SKIN SUPPLY SUFFICIENT AIRFLOW.

This type of material is cleaned with a mild soap and water solution such as Ivory liquid soap and wiped clean and dry. Do not use solvent-type cleaners.

SUBTASK 25-11-96-160-007-A01

(7) Leathers

Leathers are cleaned with saddle soaps. Do not use detergents or solvent-type.

SUBTASK 25-11-96-160-008-A01

(8) Cleaning requirements for actuators

- (a) Use chlorinated solvent and lint-free cloth to clean the mechanical parts except for ball bearing, actuator screw and pinions.
- (b) Dry with compressed air.
- (c) Wipe grease in excess on ball bearing, actuator screw and pinions with dry, lint-free cloth.
- (d) Put components in a dry clean container to prevent from dirt or other damage.

NOTE : Cleaning must be done in clean and with sufficient airflow premises. All standard precautions must be taken with chlorinated solvents.

SUBTASK 25-11-96-160-009-A01

(9) Twin material cover (if applicable)

(a) Twin fabric / leather cover

- 1 Fabric: Clean manually and separately by spray extraction (steam and vacuum) after protection of the leather.
- 2 Leather: Clean manually and separately with saddle soap. Do not use detergents or solvent-type.

(b) Twin fabric / carpet cover

- 1 Fabric and carpet: Dry cleaning recommended.

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- (c) Twin leather / carpet cover
 - 1 Leather: Clean manually with saddle soap. Do not use detergents or solvent-type.
 - 2 Carpet: Clean manually and separately by spray extraction (steam and vacuum) after protection of the leather.

SUBTASK 25-11-96-160-010-A01

(10) Liner Cleanliness

- (a) Slight discoloration, fading or color transfer from the dress cover to the fire blocking liner are normal and do not affect the capability of the liner system.
- (b) Heavy stains, particularly petroleum products, must be removed with materials and procedures currently listed for upholstery, ([Refer to SUBTASK 25-11-96-160-004-A01](#)). Precaution must be taken not to soak the stain into the underlying cushion.
- (c) Commercial dry cleaning is acceptable for removing large stains. If a liner is to be dry cleaned, be aware that liners have a large frame of hook Self Fastener and care must be taken to prevent them from damaging the liner or other covers and liners during the dry cleaning cycle.

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CHECK

TASK 25-11-96-200-801-A01

1. Check

A. Reason for the job

Use standard industry procedures to do a visual check of all visible parts for cracks, defects, or damage.

Defective or damaged items must be replaced with serviceable items.

B. Job set-up information

Conduct checks under a bright light. Use a 5X to 7X power magnifying glass to detect surface flaws.

Replace, with a serviceable part, any part that fails to meet the requirements of check. If defective part is repairable, note defect and assign part for repair.

Dents or other damage must not impair finish or functional operation of any part.

Proper reassembly and adjustment of a Seat Assembly precludes any additional checks.

However, prior to disassembly or following any significant repair, do the following check as applicable.

(1) Tools, features and equipment

Reference	Qty	Designation
No specific	As Required	Standard mechanics technician's tool.
No specific	As Required	5X to 7X power magnifying glass.

(2) Consumables

Not applicable.

(3) If repair of the equipment assembly is necessary, ([refer to Page Block 6001](#)) "REPAIR".

If overhaul of the equipment assembly or a sub-assembly of the seat, shell or monument are required, "CHECK" chapter, paragraph "Entry in service after storage" and if necessary "REPAIR" chapter have to be used as applicable workscope.

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(4) Referenced information

Reference	Designation
TASK 25-11-96-870-805-A01	Dimensions
TASK 25-11-96-810-801-A01	Testing and fault isolation
TASK 25-11-96-870-801-A01	Description and operation
TASK 25-11-96-300-801-A01	Repair
TASK 25-11-96-940-801-A01	Fits and clearances

C. Job set-up

Not applicable.

D. Procedure

(1) Inspection/Check

- (a) Visually examine that all parts are clean and free of cracks, corrosion, deterioration, and obvious signs of damage.
- (b) Examine security of all clamps and straps securing leads and all other parts not removed during disassembly.
- (c) Visually examine all threaded parts for crossed or damaged threads. Reject part if thread damage exceeds 50% of one thread.

NOTE : If damage to any one thread is 50% or less, note defect and assign part for repair.

- (d) Examine sewn seams for fraying or separation and fabric for fraying, scuffing and rips.
- (e) Examine attaching bolts, nuts, screws and pins for tightness and floor attaching fittings for wear or deformation.
- (f) Examine helicoil inserts for damage and security of installation.
- (g) Examine structural parts including clips, brackets and machined parts for damage, cracks and sharp nicks.

NOTE : Burrs are defined as material raised above the normal surface, which if not removed would prevent complete and proper mating of parts and sealing surfaces. Where nicks or scratches allow bare metal to show through a protective finish, note defect and assign part for repair. Dents or other damage must not impair finish or functional operation of any part.

- (h) Examine paint and finishes for chipping and worn spots, and note condition of bonding on parts and assemblies.
- (i) Examine nameplate and placards for legibility and secure attachment.

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- (j) Examine food table top shroud for nicks, cracks, stains or burns.
- (k) Check cushions for wear and damage to fire block and dress cover. Repair if there are rips, gaps or loose seams. Cushions are recommended to be replaced at three years interval to guarantee maximum comfort.

CAUTION : CUSHIONS MUST BE REPLACED IF THEY FEEL UNSTABLE (LOOSE PIECES, BRITTLE, ETC.).

(2) Recommended Scheduled Checks

Conduct recommended scheduled checks in accordance with [Table 25-11-96-997-501-A01](#) (If Applicable).

NOTE : Examine all adjustment detailed in [TASK 25-11-96-940-801-A01 "FITS AND CLEARANCES"](#) (Refer to Page Block 8001).

Description	Recommended Checks Schedule (operating hours)									Entry in service after storage
	Post-flight	500	1000	1500	2000	2500	3000	3500	4000	
A. Fixation assembly										
1. Examine upper and lower roller bearings assembly and attaching hardware for proper installation and obvious signs of damage	X		X		X		X		X	X
2. Examine fitting equipped and pip-pins for operation, condition, firm connection, corrosion and damage			X	X	X	X	X	X	X	X
B. Basic structure assembly										
1. Examine basic structure assy components (beams, spreaders and racks) and attaching hardware for condition, cracks, firm connection, corrosion and damage						X			X	X

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Description		Recommended Checks Schedule (operating hours)									
		Post-flight	500	1000	1500	2000	2500	3000	3500	4000	Entry in service after storage
2.	Visually examine all threaded parts for crossed or damaged threads. Replace part if threaded damage exceeds 50% of one thread									X	X
3.	Examine backrest assy attachment devices for operation, condition, firm connection, corrosion and damage									X	X
4.	Examine shafts of seat pan supports for condition, corrosion, firm connection and damage									X	X
5.	Examine object obstruction (garbage). Remove objects to prevent jam condition.		X	X	X	X	X	X	X	X	X
C. Seat belt assembly and seat belt attachments											
1.	Examine all seat belt (multi points) attachments and attaching hardware for condition, corrosion, firm connection and damage	X	X	X	X	X	X	X	X	X	X
2.	Visually examine all threaded parts for crossed or damaged threads. Replace part if threaded damage exceeds 50% of one thread									X	X
3.	Examine torque (11 N.m or 97.35 Lbf.in) of seat belt attachment screws									X	X

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Description	Recommended Checks Schedule (operating hours)									
	Post-flight	500	1000	1500	2000	2500	3000	3500	4000	Entry in service after storage
4. Examine seat belt assy per supplier specifications	Refer to supplier specifications									
D. Seat pan assy and seat pan supports										
1. Examine seat formed pan assy for condition, cracks, firm connection and damage					X				X	X
2. Examine bottom shafts, leveling device components and attaching hardware for condition, corrosion, firm connection and damage									X	X
3. Examine seat pan supports, sliding device components and attaching hardware for condition, corrosion, firm connection and damage.									X	X
4. Visually examine all threaded parts for crossed or damaged threads. Replace part if threaded damage exceeds 50% of one thread									X	X
5. Lubricate rollers attached on bottom equipped with silicone oil (WD40 spray or equivalent). Remove excess oil with cloth					X		X	X		
6. Examine gear alignment, gears and links device for condition, operation, firm connection, corrosion and damage			X		X		X		X	X

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Description	Recommended Checks Schedule (operating hours)									Entry in service after storage	
	Post-flight	500	1000	1500	2000	2500	3000	3500	4000		
E. Armrest assembly											
1.	Examine armcap assembly for condition, wear, scratch, firm connection and damage				X					X	X
2.	Examine fairings assembly and attachments for condition, cracks, scratches, firm connection and damage									X	X
3.	Examine armrest structure components for condition, cracks, firm connection of spot welding and rivets, corrosion and damage				X	X					
4.	Examine fold-up mechanism of armrest assembly for condition, operation, corrosion, firm connection and damage	X				X	X				
5.	Examine attachment points and attaching hardware of armrest assembly for condition, corrosion, firm connection and damage		X				X	X			
6.	Visually examine all threaded parts for crossed or damaged threads. Replace part if threaded damage exceeds 50% of one thread					X	X				
F. Backrest assembly											

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Description		Recommended Checks Schedule (operating hours)										
		Post-flight	500	1000	1500	2000	2500	3000	3500	4000	Entry in service after storage	
1.	Examine backrest structure assy for condition, cracks, distortion, firm connection of spot welding and rivets, corrosion and damage					X					X	X
2.	Examine backrest fixing for condition, cracks, firm connection, corrosion and damage					X					X	X
3.	Examine aft fairing assy and attachments for condition, cracks, scratches, firm connection and damage		X				X	X				
4.	Visually examine all threaded parts for crossed or damaged threads. Replace part if threaded damage exceeds 50% of one thread					X	X					
G. Headrest Assembly												
1.	Examine headrest assy for condition and operation					X					X	X
2.	Examine headrest structure components and attaching hardware for condition, wear, firm connection, corrosion and damage					X					X	X
3.	Lubricate headrest assembly lock system with silicone grease. Remove excess grease with cloth			X		X		X			X	X

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Description		Recommended Checks Schedule (operating hours)									Entry in service after storage
		Post-flight	500	1000	1500	2000	2500	3000	3500	4000	
4.	Visually examine all threaded parts for crossed or damaged threads. Replace part if threaded damage exceeds 50% of one thread					X	X				
5.	Examine the condition of the clip at the end of the tube.					X				X	X
H. Life vest stowage											
1.	Examine life vest stowage for condition, operation, firm connection, fraying, rip and damage		X	X	X	X	X	X	X	X	X
J. Thermoformed fairings											
1.	Examine the correct installation of all fairings.					X				X	X
2.	Examine fairings attaching devices for condition, cracks, firm connection, corrosion and damage.					X				X	X
3.	Examine for surface imperfections.					X				X	X
K. Screws and rivets attachments											
1.	Examine screws and rivets attachments for a firm sitting					X				X	X
L. Foam, cushions and dress covers assembly											
1.	Examine all fabric or leather dress covers for condition, fraying, scuffing, rips and damage					X				X	X

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Description	Recommended Checks Schedule (operating hours)										
	Post-flight	500	1000	1500	2000	2500	3000	3500	4000	Entry in service after storage	
2. Examine all fabric or leather dress covers attachment (including auto agrip tapes, zip fasteners, fasteners) for condition, wear, alignment, firm connection and damage					X					X	X
3. Examine all foams and cushions assy for condition, wear and damage					X					X	X
4. Examine Self grip tapes attached on foams or cushions assembly. If necessary, secure Self grip tapes with National Starch and Chemical SA adhesive "Bondmaster R319R" or equivalent. If necessary, remove the tape, clean the area and install a new tape.										X	X
M. Identification and instruction placards											
1. Examine all identification and instructions placards for condition, firm attachment and legibility		X	X	X	X	X	X	X	X	X	X

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(3) Bottom hinge shaft

- (a) Examine if seat pan hinge shaft is worn and have a gap in its housing (in the side frame engagement area). If the gap is superior to 0.5 mm (0.02 in), change the spacer and the shaft.

(4) Restraint system

First of all make sure that the restraint system is clean.

(a) Harness

- 1 Make sure that every component of the harness is correctly attached. Each elements must lock on the buckle.
- 2 Make sure that strand belt is not caught when the loop is activated. No elements must get caught.
- 3 Make sure that the two mounting screws are on the pelvis straps (1 per side) and the inertia reels screws correctly tightened. Fasteners must pivot.
- 4 Make sure that the dorsal wires are wound correctly to stop (guide strap) with a consistent speed. The necessary time for the rolling-up of belts between maxi deployment and propped up over guides belts must be included between 1 and 2 seconds.
- 5 Make sure that the ventral strands adjusters is working correctly.

(b) Webbing

- 1 Make sure cut or worn edges, damaged sticking, broken fabric threads, tears, too much chafe marks, wear and fusing.
- 2 Make sure that every component of the harness is correctly attached. Each elements must lock on the buckle.
- 3 Replace webbing if any of the following are seen: A limited quantity of "frayed" webbing will retain sufficient strength necessary to obey the necessary strength. Frayed webbing is given as broken filaments from either the warp (longitudinal) yarns or the filler (transverse) yarns. The number of broken filaments must not be sufficient to obscure the identity of any yarn when viewed from a distance of about 203.2 mm (8 in.).
- 4 Any web that is cut or torn on the edge must be replaced.
- 5 The quantity of fray must be limited to an quantity that is less than 10% of the width of the webbing and not to be more than 203.2 mm (8 in) in length.
- 6 Webbing with more than 15 broken yarns in locations other than the edge.
- 7 Webbing that is frayed or distorted sufficiently to cause incorrect operation of any portion of the restraint system.

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(6) Line maintenance parts

(a) LMP concerning the Third Occupant Seat P/N 16800-00-00 (Refer to Table 5001):

LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168700-20	BOTTOM COVER	1	02	080
168700-10	FOAM BOTTOM EQUIPPED	1	02	075
168710-20	BACKREST COVER	1	02	095
168710-10	FOAM BACKREST EQUIPPED	1	02	090
168730-20	HEADREST COVER	1	02	110
168730-10	FOAM HEADREST EQUIPPED	1	02	105
5017-1-021-2251	RESTRAINT SYSTEM ASSEMBLY (35FB9)	1	02	005
168500-11	SPACER	4	02	015
168000VI-73	SCREW	4	02	010
168000EC-67	NUT	6	02	020A
168000EC-124	NUT	1	02	045
NAS1149F0332P	FLAT WASHER	2	02	050
F0435524	SCREW	2	02	055A
133500-29	SPACER	2	02	060
168500-40	BELT ATTACH	2	02	025
R0LU6	WASHER	4	02	065
VE0845730308205	LOCK	1	04	075
133500-20	UPPER LOCK SHAFT	2	04	095
C7133-A-008	CIRCLIP	4	04	100
168500-35	CABLE ASSEMBLY	1	04A	130
GPV1X12AC	PIN	2	04A	160
279-10-500-27	SHAFT	2	04A	155
I-218/60-M10	HANDLE	1	04A	-005
R018X10-5X1-5NY	WASHER	1	04A	045
VIDIN91210X25	SCREW	1	04A	030A
168600-4	FAIRING DOUBLER	1	05A	005
168600-0H034	HINGE COVER	1	05A	010A
133500-26	SCREW	1	05A	015
168820	AFT COVER	1	07	005

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
RITY8P2N0IR	RIVET	11	07	010
168830-10P40	LIFE VEST STOWAGE	1	07	-015A
168841	DOOR EQUIPPED	1	07	60A
168000VI-117	SCREW	1	07	020
MS27039-1-21	SCREW	1	07	025A
NAS602-5	SCREW	4	07	-030A
168000RO-126	WASHER	4	07	035
168500-14	SHAFT	1	07	040
F22NTM-02	NUT	2	07	045
133100-03	RECEPTACLE	1	07	070
133010-3	FITTING EQUIPPED	1	08	110
168090	UPPER ROLLER BEARING	1	08	080

Table 5001 / LMP for the Third Occupant Seat P/N 16800-00-00

(b) LMP concerning the Third Occupant Seat P/N 16800-01-00 ([Refer to Table 5002](#)):

LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168700-20	BOTTOM COVER	1	02	080
168700-10	FOAM BOTTOM EQUIPPED	1	02	075
168710-20	BACKREST COVER	1	02	095
168710-10	FOAM BACKREST EQUIPPED	1	02	090
168730-20	HEADREST COVER	1	02	110
168730-10	FOAM HEADREST EQUIPPED	1	02	105
5017-1-021-2251	RESTRAINT SYSTEM (35FB9)	1	02	005
168500-11	SPACER	4	02	015
168000VI-73	SCREW	4	02	010
168000EC-67	NUT	6	02	020A
168000EC-124	NUT	1	02	045
NAS1149F0332P	FLAT WASHER	2	02	050
F0435524	SCREW	2	02	055A
133500-29	SPACER	2	02	060
168500-40	BELT ATTACH	2	02	025

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
R0LU6	WASHER	4	02	065
VE0845730308205	LOCK	1	04	075
133500-20	UPPER LOCK SHAFT	2	04	095
C7133-A-008	CIRCLIP	4	04	100
168500-35	CABLE ASSEMBLY	1	04A	130
GPV1X12AC	PIN	2	04A	160
279-10-500-27	SHAFT	2	04A	155
I-218/60-M10	HANDLE	1	04A	-005
R018X10-5X1-5NY	WASHER	1	04A	045
VIDIN91210X25	SCREW	1	04A	030A
133614-1H034	FAIRING, LH	1	05	015B
133614-2H034	FAIRING, RH	1	05	-015C
168670-1	ARMCAP, LH	1	05	-010
168670-2	ARMCAP, RH	1	05	-010A
168820	AFT COVER	1	07	005
RITY8P2N0IR	RIVET	11	07	010
168830-10P40	LIFE VEST STOWAGE	1	07	-015A
168841	DOOR EQUIPPED	1	07	60A
168000VI-117	SCREW	1	07	020
MS27039-1-21	SCREW	1	07	025A
NAS602-5	SCREW	4	07	-030A
168000R0-126	WASHER	4	07	035
168500-14	SHAFT	1	07	040
F22NTM-02	NUT	2	07	045
133100-03	RECEPTACLE	1	07	070
133010-3	FITTING EQUIPPED	1	08	110
168090	UPPER ROLLER BEARING	1	08	080

Table 5002 / LMP for the Third Occupant Seat P/N 16800-01-00

- (c) LMP concerning the Third Occupant Seat P/N 16800-01-01 ([Refer to Table 5003](#)):

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168701-20	BOTTOM COVER	1	02	-080A
168701-10	FOAM BOTTOM EQUIPPED	1	02	-075A
168711-20	BACKREST COVER	1	02	-095A
168711-10	FOAM BACKREST EQUIPPED	1	02	-090A
168731-20	HEADREST COVER	1	02	-110A
168731-10	FOAM HEADREST EQUIPPED	1	02	-105A
5017-1-021-2251	RESTRAINT SYSTEM (35FB9)	1	02	005
168500-11	SPACER	4	02	015
168000VI-73	SCREW	4	02	010
168000EC-67	NUT	6	02	020A
168000EC-124	NUT	1	02	045
NAS1149F0332P	FLAT WASHER	2	02	050
F0435524	SCREW	2	02	055A
133500-29	SPACER	2	02	060
168500-40	BELT ATTACH	2	02	025
R0LU6	WASHER	4	02	65
VE0845730308205	LOCK	1	04	075
133500-20	UPPER LOCK SHAFT	2	04	095
C7133-A-008	CIRCLIP	4	04	100
168500-35	CABLE ASSEMBLY	1	04A	130
GPV1X12AC	PIN	2	04A	160
279-10-500-27	SHAFT	2	04A	155
I-218/60-M10	HANDLE	1	04A	-005
R018X10-5X1-5NY	WASHER	1	04A	045
VIDIN91210X25	SCREW	1	04A	030A
133614-1H034	FAIRING, LH	1	05	015B
133614-2H034	FAIRING, RH	1	05	-015C
168670-1	ARMCAP, LH	1	05	010
168670-2	ARMCAP, RH	1	05	-010A
168820	AFT COVER	1	07	005
RITY8P2N0IR	RIVET	11	07	010

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168830-10P40	LIFE VEST STOWAGE	1	07	-015A
168841	DOOR EQUIPPED	1	07	60A
168000VI-117	SCREW	1	07	020
MS27039-1-21	SCREW	1	07	025A
NAS602-5	SCREW	4	07	-030A
168000R0-126	WASHER	4	07	035
168500-14	SHAFT	1	07	040
F22NTM-02	NUT	2	07	045
133100-03	RECEPTACLE	1	07	070
133010-3	FITTING EQUIPPED	1	08	110
168090	UPPER ROLLER BEARING	1	08	080

Table 5003 / LMP for the Third Occupant Seat P/N 16800-01-01

(d) LMP concerning the Third Occupant Seat P/N 16800-01-02 ([Refer to Table 5004](#)):

LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168702-20	BOTTOM COVER	1	02	-080B
168701-10	FOAM BOTTOM EQUIPPED	1	02	-075A
168712-20	BACKREST COVER	1	02	-095B
168711-10	FOAM BACKREST EQUIPPED	1	02	-090A
168732-20	HEADREST COVER	1	02	-110B
168731-10	FOAM HEADREST EQUIPPED	1	02	-105A
5017-1-021-2251	RESTRAINT SYSTEM (35FB9)	1	02	005
168500-11	SPACER	4	02	015
168000VI-73	SCREW	4	02	010
168000EC-67	NUT	6	02	020A
168000EC-124	NUT	1	02	045
NAS1149F0332P	FLAT WASHER	2	02	050
F0435524	SCREW	2	02	055A
133500-29	SPACER	2	02	060
168500-40	BELT ATTACH	2	02	025

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
R0LU6	WASHER	4	02	65
VE0845730308205	LOCK	1	04	075
133500-20	UPPER LOCK SHAFT	2	04	095
C7133-A-008	CIRCLIP	4	04	100
168500-35	CABLE ASSEMBLY	1	04A	130
GPV1X12AC	PIN	2	04A	160
279-10-500-27	SHAFT	2	04A	155
I-218/60-M10	HANDLE	1	04A	-005
R018X10-5X1-5NY	WASHER	1	04A	045
VIDIN91210X25	SCREW	1	04A	030A
133614-1H034	FAIRING, LH	1	05	015B
133614-2H034	FAIRING, RH	1	05	-015C
168670-1	ARMCAP, LH	1	05	010
168670-2	ARMCAP, RH	1	05	-010A
168820	AFT COVER	1	07	005
RITY8P2N0IR	RIVET	11	07	010
168830-10P40	LIFE VEST STOWAGE	1	07	-015A
168841	DOOR EQUIPPED	1	07	60A
168000VI-117	SCREW	1	07	020
MS27039-1-21	SCREW	1	07	025A
NAS602-5	SCREW	4	07	-030A
168000R0-126	WASHER	4	07	035

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168500-14	SHAFT	1	07	040
F22NTM-02	NUT	2	07	045
133100-03	RECEPTACLE	1	07	070
133010-3	FITTING EQUIPPED	1	08	110
168090	UPPER ROLLER BEARING	1	08	080

Table 5004 / LMP for the Third Occupant Seat P/N 16800-01-02

(e) LMP concerning the Third Occupant Seat P/N 16800-01-03 (Refer to Table 5005):

LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
168700-21	BOTTOM COVER	1	02	-080C
168700-10	FOAM BOTTOM EQUIPPED	1	02	075
168710-21	BACKREST COVER	1	02	-095C
168710-10	FOAM BACKREST EQUIPPED	1	02	090
168730-21	HEADREST COVER	1	02	-110C
168730-10	FOAM HEADREST EQUIPPED	1	02	105
5017-1-021-2251	RESTRAINT SYSTEM (35FB9)	1	02	005
168500-11	SPACER	4	02	015
168000VI-73	SCREW	4	02	010
168000EC-67	NUT	6	02	020A
168000EC-124	NUT	1	02	045
NAS1149F0332P	FLAT WASHER	2	02	050
F0435524	SCREW	2	02	055A
133500-29	SPACER	2	02	060
168500-40	BELT ATTACH	2	02	025
R0LU6	WASHER	4	02	65
VE0845730308205	LOCK	1	04	075
133500-20	UPPER LOCK SHAFT	2	04	095
C7133-A-008	CIRCLIP	4	04	100
168500-35	CABLE ASSEMBLY	1	04A	130
GPV1X12AC	PIN	2	04A	160

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LMP PART NUMBER	NOMENCLATURE	UPA	FIG-URE	ITEM
279-10-500-27	SHAFT	2	04A	155
I-218/60-M10	HANDLE	1	04A	-005
R018X10-5X1-5NY	WASHER	1	04A	045
VIDIN91210X25	SCREW	1	04A	030A
133614-1H034	FAIRING, LH	1	05	015B
133614-2H034	FAIRING, RH	1	05	-015C
168670-1	ARMCAP, LH	1	05	-010
168670-2	ARMCAP, RH	1	05	-010A
168820	AFT COVER	1	07	005
RITY8P2N0IR	RIVET	11	07	010
168830-10P40	LIFE VEST STOWAGE	1	07	-015A
168841	DOOR EQUIPPED	1	07	60A
168000VI-117	SCREW	1	07	020
MS27039-1-21	SCREW	1	07	025A
NAS602-5	SCREW	4	07	-030A
168000R0-126	WASHER	4	07	035
168500-14	SHAFT	1	07	040
F22NTM-02	NUT	2	07	045
133100-03	RECEPTACLE	1	07	070
133010-3	FITTING EQUIPPED	1	08	110
168090	UPPER ROLLER BEARING	1	08	080

Table 5005 / LMP for the Third Occupant Seat P/N 16800-01-03

E. Maintenance records

NOTE : Invalid maintenance records could void warranty.

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REPAIR

TASK 25-11-96-300-801-A01

1. Repair

A. Reason for the job

Tolerance of scratches, cuts, nicks, dents, etc., on plastic and other components is established by the airline's own standards for aircraft interiors.

Replace cracked plastic components; they are considered "not repairable".

Replace damaged metal components; they are considered "not repairable".

In case of seats component of seat structure and their attachment to each other are not repairable.

B. Job set-up information

(1) Tools, features and equipment

NOTE : See Chapter "DISASSEMBLY" (Refer to Table 3001 - Tools List).

(2) Consumables

WARNING : USE ALL ADHESIVES AND REPAIR MATERIALS IN AN AREA WITH GOOD AIRFLOW. DO NOT BREATHE FUMES OR LET THE ADHESIVES AND REPAIR MATERIALS CONTACT THE SKIN. OBEY ALL INSTRUCTIONS AND HEALTH AND SAFETY WARNINGS SUPPLIED BY THE MANUFACTURER. OBEY ALL APPLICABLE FIRE PRECAUTIONS. THIS WILL HELP PREVENT INJURY.

WARNING : MAKE SURE PROTECTIVE CLOTHING AND EYE PROTECTION ARE USED OR INJURY CAN OCCUR.

CAUTION : ALL THE CONSUMABLES SUPPLIED BY SAFRAN AND LISTED INTO THE CMM MAY HAVE A LIMITED LIFETIME. PLEASE REVIEW LABELS ON CONTAINER OR EXAMINE THE TECHNICAL DATA SHEET BEFORE USE OR STORE.

NOTE : You can use equivalent alternatives for items in the list.

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Consumables		
Reference	Qty	Application
ABRASIVE PAPERS GRIT P 400, P 600	As Required	Corrosion elimination
ADHESIVE COLLANO TAC4650.0 (F0435301)	As Required	Foam on cloth, foam on foam, foam on wood, foam on agglomerate, foam on plywood, foam on metal
ADHESIVE LOCTITE n° 401 colorless (F0454161)	As Required	Placard
ADHESIVE LOCTITE n° 601 green, fluorescent liquid (F0414545)	As Required	Elastomer, metal, plastic (fort)
ADHESIVE LOCTITE n° 638 green, fluorescent liquid (or equivalent) (F369167)	As Required	Elastomer, metal, plastic. High performance (indemontable)
ADHESIVE M 890 colorless	As Required	Metal surface, PVC
ADHESIVE METHYLENE CHLORIDE	As Required	Miscellaneous fairing, cocktail table, tray in polycarbonate only
ADHESIVE SCOTCH-WELD 7246-2 B/A FST (F0435158)	As Required	Miscellaneous fairing, cocktail table, tray table (could be used in place of Dioxolane)
MONTAPRENE 2796 (F0413836)	As Required	Leather, rubber, elastomer, wood, composition material, armcap, foam on sheet metal
PENLOC GTI (two parts glue) (F0435157)	As Required	Backshell, monument
ADHESIVE SCOTCH WELD 3532 B/A (F204162)	As Required	Backshell panel
ADHESIVE PERMABOND 2011 (F0435156)	As Required	Capping on shell
ADHESIVE SILICOMET AS310 (supersedes LOCTITE 5366)	As Required	Sealing, joint realization
ADHESIVE PERMABOND 910 colorless (F369107)	As Required	Aluminium, steel, brass, ABS fairing only
ADHESIVE PERMABOND 791 (20g : F0498407 / 500g : F369146)	As Required	Aluminium, steel, brass

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Consumables		
Reference	Qty	Application
ADHESIVE TAPE DOUBLE COATED POLYESTER TAPE 9495LE (F303673)	As Required	Fairing, structure armrest, cocktail table
ADHESIVE TAPE DOUBLE COATED TAPE 9473 (F0563881)	As Required	Fairing, structure armrest, cocktail table
ADHESIVE TAPE DOUBLE COATED EUROCEL 730 GDA	As Required	With cotton cloth support, for: Fairing cocktail table, backshell, monument
ADHESIVE TAPE EUROCEL SF7200	As Required	Single sided tape with 1 mm (0.039 in) LDPE foam, protection against small shocks
ADHESIVE TAPE ADHESIVE ALUMINIUM TAPE (width: 50 mm (1.97 in))	As Required	Upholstery attachment, bottom sheet metal, backrest, legrest, beam, bottom and backrest cover
SELF FASTENER (HOOK AND LOOP TYPE)	As Required	Upholstery attachment, bottom sheet metal, backrest, legrest, beam, bottom and backrest cover
SELF FASTENER (HOOK AND LOOP TYPE)	As Required	Miscellaneous attachment, bottom sheet metal, backrest, legrest, beam
CLEANER ISOPROPYL ALCOHOL	As Required	Plastic fairings and painted parts
CLEANER GRAIN ALCOHOL (ETHANOL)	As Required	Metal surface, grease and oil
CLEANER SYDOL SID	As Required	Metal part degreaser
CLEANER TURCO 5948 (F0557586)	As Required	Painted backshell
CLEANER SOLVICAP	As Required	Shoe trace remover on filmed backshell and boltaron / kydex shell panel (not applicable to polycarbonate)
CORROSION PROTECTION SurTec 650 chromital Retouche Touch up pen (F369149)	As Required	Corrosion protector touch up pen after mechanical violation (e.g. scratches)
DE-RUSTER ARDROX 396/1	As Required	Rust point

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Consumables		
Reference	Qty	Application
DFC POLISHING KIT, DFC Cleaner 104 C47 Cellulose cloth while type DPG Perfect Clean B48DP-3000" (both contained in the polishing kit)	As Required	Wood effect coating (DFC) fairing spot repainting
GREASE 182 DS (F0438046)	As Required	Greaser on crew seat
HARNESS PROTECTIVE WRAP Flexi wrap	As Required	Harnesses
HEAT SHRINKABLE TUBING SP Heat Shrinkable Tubing	As Required	Harness repair
LUBRICANT DRY GRAPHITE SPRAY N°5200 DGF-123	As Required	Rack, pinions mechanism, friction part
LUBRICANT MICROLUB 22 (F369150)	As Required	Seizing limit. Accuracy mechanism
LUBRICANT WD40 AEROSOL	As Required	Sliding mechanism
LUBRICANT WD40 LIQUID	As Required	Sliding mechanism
LUBRISEC JLT5521 (F0406279)	As Required	Long dry lubrication, Sliding mechanism, threaded fittings, gears, rollers.
DOW CORNING 732 (F0434913)	As Required	Sealing of cavities (Optional)
NON SLID material AF6/1472 (PIMPLE)	As Required	Pads covering
NON SLID material AF6/1499 (3 mm (0.118 in) diameter STUD)	As Required	Pads covering
PAINT ALEXIT FST TOPCOAT 346-57	As Required	Plastic
PAINT MAPAERO FRS40 SEMI GLOSS FINISH	As Required	Paints for cabin interiors
POLISH PERFECT IT III N° 05937	As Required	Rubbing Compound with increased aggressiveness to remove 1000-1200 scratches
SEALANT DELO-ML 5328	As Required	Brake filet for screw, nut and stud
SEALANT, High Temperature Retaining LOCTITE n°290	As Required	Parts already assembled

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Consumables		
Reference	Qty	Application
SEALANT, High Temperature Retaining LOCTITE n°222 purple (low) (F0420554)	As Required	Thread brake for screw, nut, shoulder shaft
SEALANT, High Temperature Retaining LOCTITE n°243 blue (normal) or equivalent (F0414544)	As Required	Thread brake for screw, nut, shoulder shaft
SEALANT, High Temperature Retaining LOCTITE n°262 red (medium hard)	As Required	Thread brake for screw, nut, shoulder shaft
SEALANT, High Temperature Retaining LOCTITE n°270 or n°271 green (strong)	As Required	Thread brake for screw, nut, shoulder shaft
SELEMIX 7-414 Epoxy Vinyl Primer Binder	As Required	Primer for paints for cabin interiors
SILICONE DOW CORNING 732 Colorless	As Required	Sealing of In Arm Table Cavities
TOPCOAT, ALEXIT FST TOPCOAT 346-57	As Required	Coating touch up
TOPCOAT, FRS40 SEMI GLOSS FINISH	As Required	Paints for cabin interiors
TOUCH UP PEN Liberon Mahogany Touch Up Pen 3 Point	As Required	Disguising scratches and small blemishes on finished wood surfaces
ADHESIVE DIOXOLANE (F0468113)	As Required	Polycarbonate (PC) with Polycarbonate (PC), Lexan XHR6006 with Lexan XHR6006, Polycarbonate (PC) with Lexan XHR6006 (Replace methylene chloride) Don't use methylene chloride on new programs, since 11/2017
L'Araldite® AW 106 - 2011 / Hardener HV 953 U (F001689)	As Required	Metal Foams Plastics
LUBRIFIANT MOLYKOTE D PASTE (F0455402)	As Required	Add lubricant molykote D between roller bearing and brace

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Consumables		
Reference	Qty	Application
GREASE ALIMENTA (F0406186)	As Required	Metal Part
EPOXY TOPCAT PN 4125/6407 (F0491827)	As Required	GROUND STRAP

(3) Referenced information

Reference	Designation
FAA standard AC43-13	Permitted procedures, techniques and practices - Aircraft Inspection and repair
TASK 25-11-96-100-801-A01	Cleaning
FAA document EA-AC65-15A	Airframe and Powerplant Mechanics Handbook
Figure 6001	Assembly of Colors
Figure 6002	Riveted assemblies
Figure 6003	Helicoil Installation (1)
Figure 6004	Helicoil Installation (2)
Figure 6005	Helicoil Installation (3)
Figure 6006	Rivnut Removal and Installation
Figure 6007	Examples of Damaged Screws
Figure 6008	Damaged Screw Removal
Figure 6009	Damaged Screw Removal
Figure 6010	Damaged Screw Removal
Figure 6011	Damaged Seat Pan Repair Procedure

C. Job set-up

Not applicable.

D. Procedure

NOTE : In addition to the following details, the operators could use the FAA standard AC43-13 "permitted procedures, techniques and practices - Aircraft inspection and repair" as permitted minor repair procedures after being submitted to Safran Seats (Safran seats France) then approved.

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SUBTASK 25-11-96-350-001-A01

- (1) Scouring

WARNING : USE SYDOL SID WITH RUBBER GLOVES AND GLASSES IN ONE AREA WITH SUFFICIENT AIRFLOW.

Scour paint from the metal parts, use SYDOL SID.

SUBTASK 25-11-96-350-002-A01

- (2) Protection

- (a) Clean thoroughly each part before application.
- (b) Use the masking tape to prevent damage to the unpainted zones.

SUBTASK 25-11-96-350-003-A01

- (3) Auto Agrip

In the event that any auto agrip which is bonded to metal or plastic has come loose it must be replaced. For best results remove the entire piece, clean the exposed surface (Refer to **CLEANING**) "**CLEANING**", paragraph D "**PROCEDURE**") and wipe dry with clean cotton cloth. To install a new piece of auto agrip refer to manufacturers instructions.

SUBTASK 25-11-96-350-004-A01

- (4) DELETED

SUBTASK 25-11-96-350-005-A01

- (5) Corrosion and Protection

CAUTION : BE CAREFUL NOT TO DAMAGE TO CORRODED PART BY A TOO IMPORTANT SANDING.

- (a) Corrosion elimination:
Sand lightly the corroded surfaces with an abrasive paper (grit P 600), until the corrosion has fully disappear.
If necessary use an abrasive paper (grit P 400) or less.
- (b) Treated surfaces protection:
Use an anti-corrosive film (ex. ARDROX 396/1) to prevent damage on sanded surfaces.

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SUBTASK 25-11-96-350-006-A01

(6) Rivets

- (a) The acceptable limits on the dimensions of the rivets holes, when rivets are by removed drilling or dismantling, are governed by the use of standard workshop procedure for replacement of rivets during repair work.
- (b) Do not apply this repair solution to major riveted parts (mountings, connectors, etc...)

NOTE : The minimum distances to edges for rivets are given by the original design, do respect these criteria during repair work.

SUBTASK 25-11-96-350-007-A01

(7) Thread Fasteners Securing

Apply the LOCTITE No. 222, 243, 262 or 270 to all non self locking thread fasteners.

SUBTASK 25-11-96-350-008-A01

(8) Small Areas of Damaged Paint Repair (Painted surface)

(a) General

- 1 The repair scheme shown below is intended for repairs to small areas of damaged paint of less than 5806.44 sq mm [9.00 sq in] area and isolated from other areas of damaged by at least 304.80 mm [12.00 in]. It is possible that the finished repair will not be to the initial production quality standard.

NOTE : For larger repairs refer to Safran Seats France.

NOTE : This repair is for small areas of damaged paint contained in a maximum area of 76.2 mm x 76.2 mm (3 in x 3 in). The damaged paint must be a minimum of 304.80 mm (12 in) away from other areas of damage. For larger repairs contact Safran Seats France.

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(b) Procedure

WARNING : DO ALL PAINT/LACQUER SPRAY-GUN PROCEDURES IN AN AREA WITH GOOD AIRFLOW. DO NOT BREATHE PAINT/ SOLVENT FUMES AND USE MANUFACTURER'S RECOMMENDED BREATHING MASKS AND EQUIPMENT. OBEY HEALTH AND SAFETY WARNING RECOMMENDED BY THE MANUFACTURER AND THE LOCAL HEALTH AND SAFETY REGULATOR. OBEY APPLICABLE FIRE PRECAUTIONS. THIS WILL HELP PREVENT INJURY.

WARNING : WHEN YOU USE CLEANING AGENTS, OBEY THE MANUFACTURER'S INSTRUCTIONS.

CAUTION : WHEN YOU USE FILLERS, PRIMERS AND PAINTS, OBEY THE MANUFACTURER'S INSTRUCTIONS.

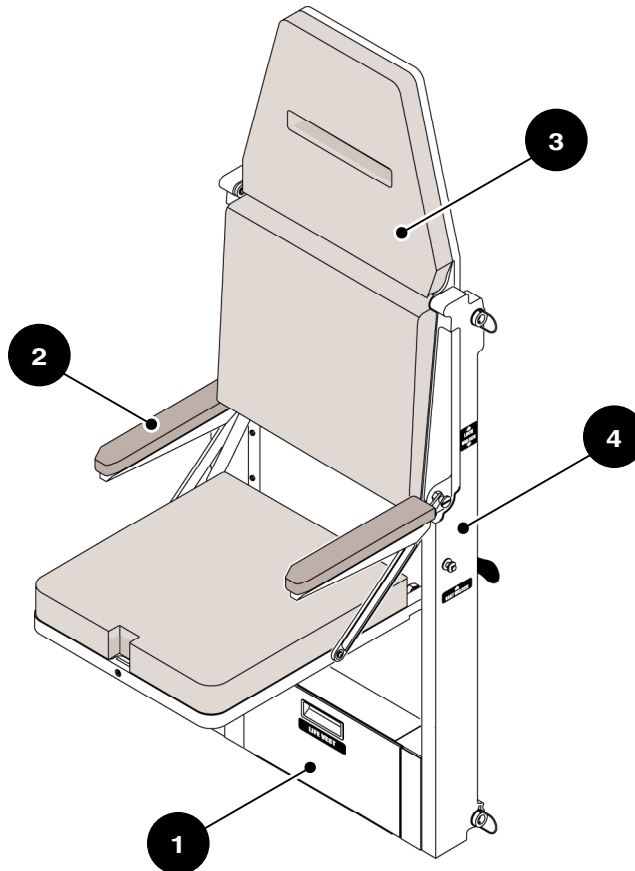
CAUTION : DO NOT CLEAN THE REPAIRED AREA FOR 48 HOURS.

- 1 Remove paint back to the surface of the material.
- 2 Prepare surface to the paint manufacturer's instructions.
- 3 Apply a layer of filler, refer to [Assembly of colors](#), to the paint manufacturer's instructions.
- 4 Prepare surface to the paint manufacturer's instructions.
- 5 Apply a layer of primer, refer to [Assembly of colors](#), to the paint manufacturer's instructions.
- 6 Prepare surface to the paint manufacturer's instructions.
- 7 Apply a layer of top coat paint, refer to [Assembly of colors](#), to the paint manufacturer's instructions.
- 8 Finish surface to the paint manufacturer's instructions.

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SUBTASK 25-11-96-350-009-A01

- (9) Assembly of Colors
(Refer to Fig. 6001)
(Refer to Table 6001)



Assembly of Colors

Figure 6001/GRAPHIC-25-11-96-991-601-A01

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Item	Material	Finish	Color	Reference
1	POLYCARBONATE	MOLDED	BLUE	H034*
2	SELF-SKINNING		BLUE	H158*
3	FABRIC			SPECIAL TWIST 5581-05581-0101
-3A	SHEEPSKIN + LEATHER		NATUREL	SHEEPSKIN REF CUMOUTONCN + LEATHER BLUE: GREY TANMOL 3274 (VALID SEAT P/N 16800-01-01 ONLY)
-3B	LEATHER			4036 SPINNEYBECK LEATHER (FORTE) (VALID SEAT P/N 16800-01-02 ONLY)
-3C	FABRIC			CL-327 Classic (VALID SEAT P/N 16800-01-03 ONLY)
4	PAINT	SATIN-LIKE	BLUE	PAINT FRS 40 ASNA 5317 DARK BLUE

Table 6001 / Assembly of Colors

NOTE : (*) "Color code to be added at the end of the P/N for ordering".

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SUBTASK 25-11-96-350-010-A01

(10) Riveted Assemblies

CAUTION : DO NOT DRILL FULLY THROUGH THE RIVET SLEEVE TO REMOVE A RIVET AS THIS WILL TEND TO MAKE THE HOLE LARGER.

(a) Removal of the rivet

- 1 It is recommended that a small center drill be used to provide a guide for a larger drill on top of the rivet, and the upper portion of the stem be drilled away to destroy the lock (Refer to Fig. 6002).
- 2 Drive out the rivet stem with a tapered steel drift pin, or spent stem (Refer to Fig. 6002).
- 3 Drill nearly through the head of the rivet with a drill the same size as the rivet shank (Refer to Fig. 6002).
- 4 Break off rivet head with a drift pin as a pry (Refer to Fig. 6002).
- 5 Drive out the remaining rivet shank with a pin having a diameter equal to the rivet shank (Refer to Fig. 6002).

(b) Installation of the rivet

Before install the new rivets, examine the size of the hole to determine if the original fastener size may be reinstalled or if an oversize fastener will be required.

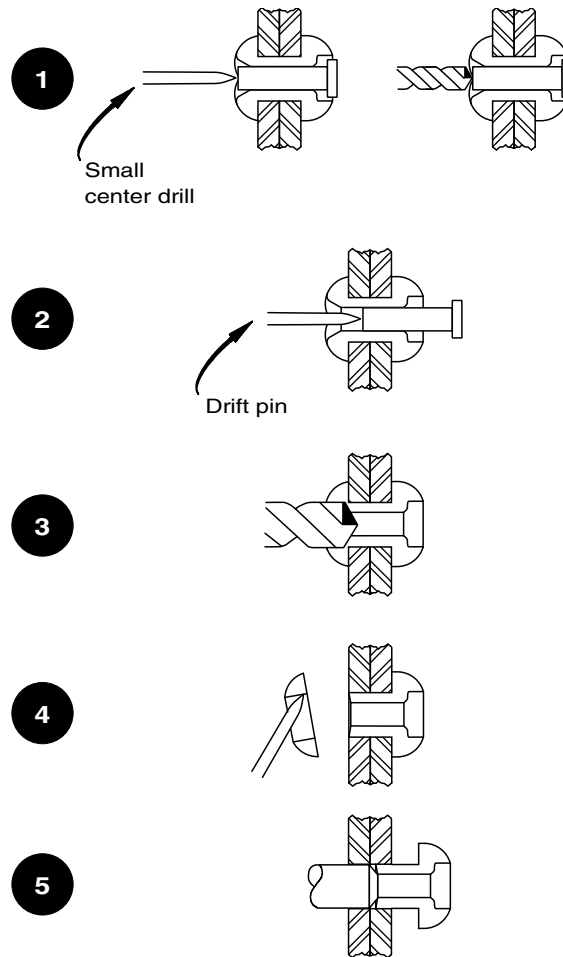
Use the aircraft structural repair manual or FAA document EA-AC65-15A "Airframe and Powerplant Mechanics Handbook" to make this determination, and install the new fastener in accordance with these documents.

(c) Removal of the rivet (secondary structure only)

If removal of any solid rivet is necessary, accomplish the work in accordance with the aircraft structural repair manual or FAA document EA-AC5-15A, "Airframe and Powerplant Mechanics Handbook".

If removal of any blind rivet is necessary, accomplish the work in accordance with the preceding recommended procedure, (Refer to Fig. 6002) ("1" thru "5").

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Riveted Assemblies

Figure 6002/GRAPHIC-25-11-96-991-602-A01

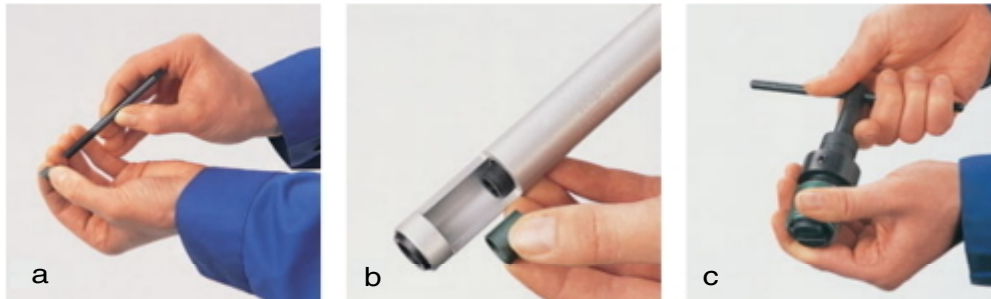
SUBTASK 25-11-96-350-011-A01

(11) Helicoil Installation

(a) Insertion of thread insert

- 1 The installation can be done manually, automatically or with machine tools. The HELICOIL is screwed onto the installation mandrel with the tang down (a), inserted into the leader cartridge (b) or placed on the fly-over tool (c). Then, the tool is placed over the tapped hole.

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Helicoil Installation (1)

Figure 6003/GRAPHIC-25-11-96-991-603-A01

(b) Installation

- 1 By turning the threaded mandrel (d), the mandrel (e) or the fly-over tool (f), respectively, manually or triggering the drive, the thread insert is screwed in. It must be installed at least 1/4 Thread pitch below the top surface.



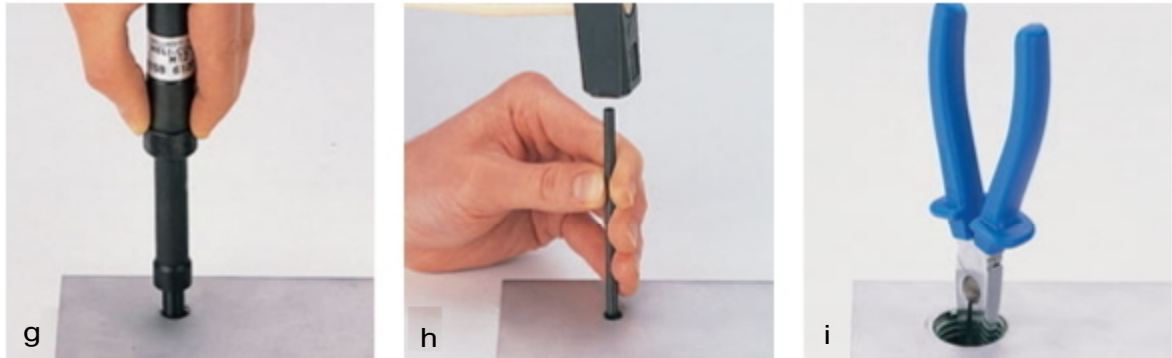
Helicoil Installation (2)

Figure 6004/GRAPHIC-25-11-96-991-604-A01

(c) Breaking off the tang

- 1 To produce a through-hole thread, the tang is broken off at the notch. For that, a tang break-off tool is used (g and h). For threads from M 14 (fine and normal pitch), the tang can be removed with long nose pliers (i).

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Helicoil Installation (3)

Figure 6005/GRAPHIC-25-11-96-991-605-A01

SUBTASK 25-11-96-350-012-A01

(12) Rivnut Removal and Installation Procedures (SIL 0006)

(Refer to Fig. 6006)

(a) Removal procedure of rivnuts with cylinder and countersunk head shapes.

CAUTION : SHOULD BE CAREFUL NOT TO MAKE THE EXISTING HOLE BIGGER.

With a drill bit of 6.1 mm (0.24 in) (for rivnut thread size 6/32 or 8/32) and 7.1 mm (0.28) for rivnut thread size 10/32, drill slowly by making circular movements to cut and remove the rivnut head.

(b) Installation procedure of rivnuts with cylinder and countersunk head shapes.

CAUTION : EXAMINE THAT THE CORRECT SIZE PULL-UP STUD IS INSTALLED IN THE HEADER DEPENDING UPON THE RIVNUT THREAD SIZE.

Place new rivnut head-first on the pull-up stud of the manual tool and screw till the anvil. Follow supplier manual for more details.

NOTE : The required pull-up stud(s) shall be procured from the tool supplier depending upon the rivnut thread size.

NOTE : If the pull-up stud needs to be changed, follow the steps given in the tool supplier manual.

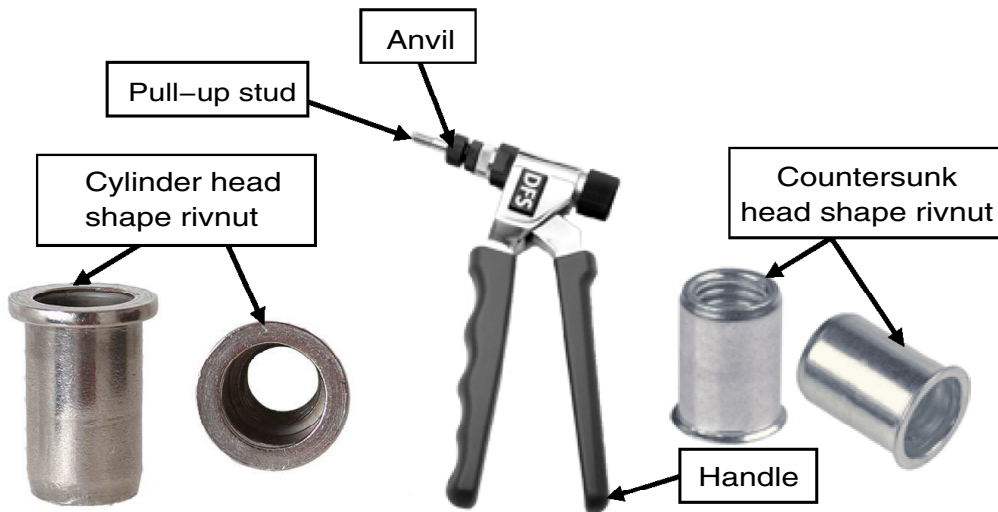
The rivnut head shall be in touch with the anvil and the pull-up stud shall be flush with the rivnut open end. Follow supplier manual if adjustment is required.

Place the tool with the rivnut in the hole and press firmly the handle according to [Table 25-11-96-997-601-A01](#).

Upon releasing the handle, the tool will be released from the rivnut. Follow supplier manual for more details.

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NOTE : Tool represented for illustration.



Rivnut Removal and Installation
 Figure 6006/GRAPHIC-25-11-96-991-606-A01

Recommended installation force by diameter and material				
	Steel (kN (Kipf))	Stainless Steel (kN (Kipf))	Stainless Steel A4 (kN (Kipf))	Aluminium (kN (Kipf))
M3	3.5 (0.79)	3.5 (0.79)	-	1.9 (0.43)
M4	5.5 (1.24)	5.5 (1.24)	9.5 (2.14)	3.0 (0.67)
M5	8.0 (1.80)	8.0 (1.80)	12.0 (2.70)	3.8 (0.85)
M6	12.0 (2.70)	13.0 (2.92)	15.0 (3.37)	5.5 (1.24)
M8	18.0 (4.05)	20.0 (4.50)	20.0 (4.50)	10.0 (2.25)
M10	21.0 (4.72)	22.0 (4.95)	-	12.0 (2.70)
M12	23.0 (5.17)	28.0 (6.29)	-	15.0 (3.37)
M14	50.0 (11.24)	-	-	-

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SUBTASK 25-11-96-350-013-A01

(13) Damaged Screw Removal (SIL 0019)



Examples of Damaged Screws

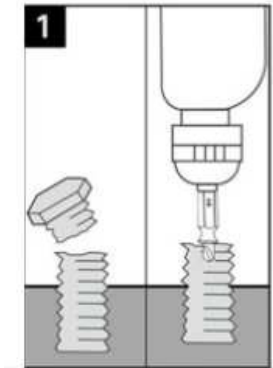
Figure 6007/GRAPHIC-25-11-96-991-607-A01

- (a) Remove the damaged head by drilling or milling or filling it.
- (b) Drill a hole into the remaining screw (Refer to Fig. 6007).
NOTE : Drill with a drill bit having a diameter smaller than the thread diameter.
- (c) Mount a screw extractor fitted on an screwing machine.
- (d) Set the screwing machine to a slow speed and high torque.
NOTE : Consult the screw extractor instructions for speed and torque value if indicated.
- (e) Screw slowly the extractor into the screw while applying pressure to extract it (Refer to Fig. 6009 and Fig. 6010).
NOTE : The extractor is turned counter-clockwise to screw it.
- (f) If the extractor do not extract the screw, go back from step b) and drill a hole one size bigger.

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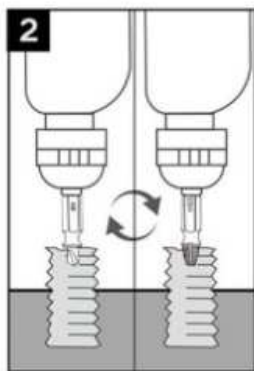
- (g) Clean the part and remove any particle of screw.
- (h) Examine the thread of the part to ensure it is not damaged before a new screw is installed.

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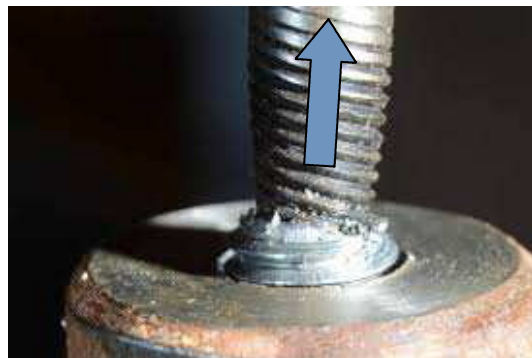
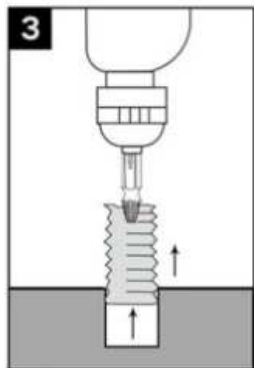
Damaged Screw Removal

Figure 6008/GRAPHIC-25-11-96-991-608-A01



Damaged Screw Removal

Figure 6009/GRAPHIC-25-11-96-991-609-A01



Damaged Screw Removal

Figure 6010/GRAPHIC-25-11-96-991-610-A01

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SUBTASK 25-11-96-350-014-A01

(14) Seat Pan Disbonded

(Refer to Fig. 6011)

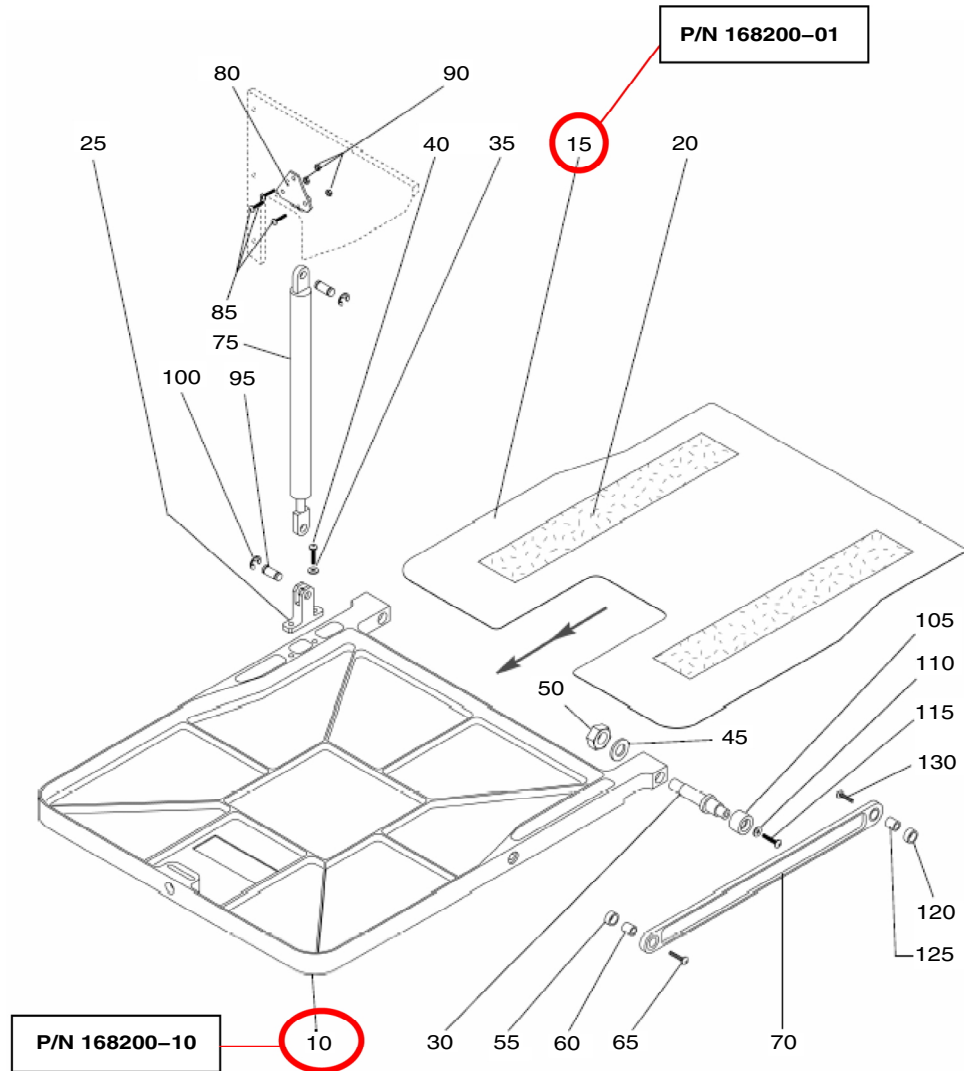
(a) Purpose

- 1 To re-adhere seat pan P/N 168200-01P40 onto the machined base P/N 168200-10.
- 2 To secure the attachment with the adhesive.

(b) Procedure

- 1 Fully separate the seat pan (Figure 6011, item 10) and the machined base (Figure 6011, item 15).
- 2 Clean the surfaces of the seat pan and the machined base removing any glue residue with sand paper.
- 3 Deburr, clean and degrease the bonding surfaces.
- 4 Re-adhere the base with Araldite AW106 and hardener HV953U.
- 5 Remove the adhesive residue with a dry cloth.
- 6 Put pressure on the assembly with a 25 kg (55.12 lb) load.

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Disbonded Seat Pan Repair Procedure
Figure 6011/GRAPHIC-25-11-96-991-611-A01

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ASSEMBLY

TASK 25-11-96-400-801-A01

1. Assembly

A. Reason for the job

This chapter contains the instructions to do the assembly of the Equipment.

B. Job set-up information

Before assembly, verify that (refer to Page Block 4001) "CLEANING", (refer to Page Block 5001) "CHECK", and (refer to Page Block 6001) "REPAIR" of all component parts have been carried out.

After repair or replacement of any damaged or worn parts, reassemble the equipment following accepted workshop practices, noting the following detailed instructions. Use a tracking fixture to support the seat structure.

Refer to the illustrations in the Illustrated Parts List for location, sequence, quantity and identification of assemblies, sub-assemblies and parts. These illustrations are also intended as a guide line for the assembly procedure.

Whenever possible, replace low cost items during reassembly to prevent possible future maintenance work as a result of failure of these parts.

Replace systematically the self-locking nuts and pins after a dismantling operation.

To prevent errors during assembly, refer to the marking or numbering of the component parts.

(1) Tools, features and equipment

NOTE : See Chapter "DISASSEMBLY" (Refer to Table 3001 - Tools List).

(2) Consumables

NOTE : See consumables table (refer to Page Block 6001) "REPAIR".

(3) Referenced information

Reference	Designation
TASK 25-11-96-100-801-A01	Cleaning
TASK 25-11-96-200-801-A01	Check
TASK 25-11-96-300-801-A01	Repair
SUBTASK 25-11-96-440-001-A01	Figure 4A
SUBTASK 25-11-96-440-002-A01	Figure 8
SUBTASK 25-11-96-440-003-A01	Figure 6

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Reference	Designation
SUBTASK 25-11-96-440-004-A01	Figure 2 Figure 9
SUBTASK 25-11-96-440-005-A01	Figure 7
SUBTASK 25-11-96-440-006-A01	Figure 4
SUBTASK 25-11-96-440-007-A01	Figure 3
SUBTASK 25-11-96-440-008-A01	Figure 3 Figure 5
SUBTASK 25-11-96-440-009-A01	Figure 2
SUBTASK 25-11-96-440-010-A01	Figure 7001

C. Job set-up
Not applicable.

D. Procedure

SUBTASK 25-11-96-440-001-A01

(1) Assembly of Mechanism Assembly

(Refer to IPL FIG. 4A)

- (a) Put the upper mechanism on the panel and attach the spring (4A-85) with the lever (4A-80).
- (b) Attach lever (4A-80) with screw (4A-105), washers (4A-100) and (4A-110), and lever bushing (4A-95).
- (c) Install the cable assembly (4A-130) and the cable support (4A-135) with screws (4A-140) and (4A-165), washers (4A-150), collar (4A-166), plastic rivet (4A-167) and secure with nuts (4A-145).
- (d) Install the handle with screw (4A-25A), washers (4A-40A), stepped bushing (4A-35A) and nut (4A-55).
- (e) Put the lower mechanism on the panel and attach the spring (4A-175) with the lever (4A-205A).
- (f) Attach lever (4A-175) with screws (4A-205A) and (4A-235), washers (4A-215A), spacer (4A-210), stepped spacer (4A-240) and nut (4A-245).

SUBTASK 25-11-96-440-002-A01

(2) Assembly of Fixation Assembly

(Refer to IPL FIG. 8)

- (a) Pull the screw (8-210) to insert the upper arm equipped (8-180) with the upper roller bearing assembly (8-80).

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NOTE : during installation insert the pin (8-205A) in the recess of the column (3-10C).

- (b) Secure the upper arm equipped (8-180) by engaging the pip-pin (8-185).
- (c) Insert the lower arm equipped (8-150) with the lower roller bearing assembly (8-5).

NOTE : during installation insert the pin (8-175A) in the recess of the column (3-10C).

- (d) Secure the lower arm equipped (8-150) by engaging the pip-pin (8-155).

SUBTASK 25-11-96-440-003-A01

- (3) Assembly of Backrest Assembly

(Refer to IPL FIG. 6)

CAUTION : APPLY LOCTITE NO. 243 OR EQUIVALENT ON SCREWS (6-10).

- (a) Install the backrest assembly (6-5A) with screws (6-10) and (6-15), washers (6-20) and nuts (6-25).

SUBTASK 25-11-96-440-004-A01

- (4) Assembly of Headrest Assembly

(Refer to IPL FIG. 2)

(Refer to IPL FIG. 9)

- (a) Assemble the headrest cover (2-110) with the foam headrest equipped (2-105).
- (b) Install 1 spacer (9-105) on the right side of the structure.
- (c) Apply grease 182 DS on the spacer (9-105).
- (d) Install the headrest assembly (9-5A) on the right side of the structure, then on the left side.
- (e) Apply grease 182 DS on the remaining spacer (9-105).
- (f) Install the spacer (9-105) on the headrest (left side).
- (g) Install the 2 screws (9-110A).

SUBTASK 25-11-96-440-005-A01

- (5) Assembly of Aft Covers and Life Vest Stowage

(Refer to IPL FIG. 7)

- (a) Install the life vest box (7-16) with screws (7-20), (7-25B) and (7-30), washers (7-35) and shaft (7-40) and secure with nuts (7-45).
- (b) Install aft cover (7-5) with rivets (7-10).

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NOTE : The door equipped (7-60A) and life vest stowage (7-15A) are attached with self fasteners.

SUBTASK 25-11-96-440-006-A01

(6) Assembly of Bottom Equipped

(Refer to IPL FIG. 4)

- (a) Attach the bottom assembly (4-5A) on the structure assembly with screws (4-115), washers (4-45) and (4-110), roller shafts (4-30), rollers (4-105) and secure with nuts (4-50).
- (b) Install the link equipped (LH) (4-70) and the link equipped (RH) (4-70A) with screws (4-65A) and (4-130), bushings (4-55) and (4-120), and spacers shafts (4-60) and (4-125).
- (c) Install the lock (4-75) with circlip (4-100) and upper lock shafts (4-95).

SUBTASK 25-11-96-440-007-A01

(7) Assembly of Structure Assembly

(Refer to IPL FIG. 3)

- (a) Engage the panel (3-15) with columns (3-10B) and (3-10C) then attach with screws (3-30B), washers (3-35) and secure with nuts (3-40).
- (b) Drill the columns (3-10B) and (3-10C) on the fixing zone.
- (c) Put the protection plate (3-5) on the columns (3-10B) and (3-10C).
- (d) Secure with rivets (3-55).

SUBTASK 25-11-96-440-008-A01

(8) Assembly of Armrest Assembly

(Refer to IPL FIG. 3)

(Refer to IPL FIG. 5)

- (a) Install the rod equipped (5-20) with protection plate (5-65A) and screws (5-75) and (5-80).
- (b) Install armrest on the structure with screw (5-85), washers (5-90) and (5-95), nut (3-75) and shaft (3-70A).

SUBTASK 25-11-96-440-009-A01

(9) Assembly of Upholstery

(Refer to IPL FIG. 2)

- (a) Install belt attach (2-25) with a torque value of (12.3 nm \pm 15% nm (108.86 \pm 15% lbf.in)) on the structure with washers (2-65).

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- (b) Put the restraint system assembly (2-5) on the panel, attach with screws (2-10) with a torque value of (2.8 nm \pm 15% nm (24.78 \pm 15% lbf.in)) and (2-55A), flat washers (2-50), spacers (2-15) and (2-60), and nuts (2-20A).
- (c) Put the restraint system assembly (2-5) on the cushion bottom assembly (2-70) with screw (2-35A) with a torque value of (12.3 nm \pm 15% nm (108.86 \pm 15% lbf.in)), washer (2-40), bushing (2-30) and secure with nut (2-45).
- (d) Assemble the headrest cover (2-110) with the foam headrest equipped (2-105).
- (e) Put the foam headrest equipped (2-105) on the support then engage the cushion headrest assembly (2-100) on the structure.
- (f) Assemble the backrest cover (2-95) with the foam backrest equipped (2-90).
- (g) Put the foam backrest equipped (2-90) on the support then engage the cushion backrest assembly (2-85) on the structure.
- (h) Assemble the bottom cover (2-80) with the foam bottom equipped (2-75).
- (i) Put the foam bottom equipped (2-75) on the support then engage the foam backrest equipped (2-90) on the structure.

NOTE : The cushions are attached with self fasteners.

SUBTASK 25-11-96-440-010-A01

(10) Assembly of Fitting

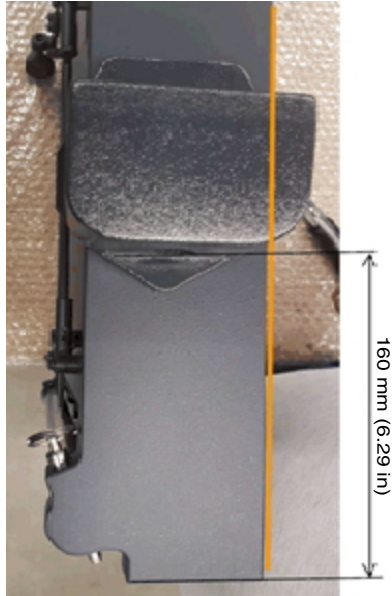
(Refer to Fig. 7001)

- (a) Install the two hook auto agrip P/N AACR050-145A strips on the loop auto agrip part of the receptacle P/N 133100-03.
- (b) Perform the cutting of the hook auto agrip strips P/N AACR050-145A so it fits the receptacle shape.
- (c) Stick the hook auto agrip resulting from the 2 first steps on the seat structure as below:

NOTE : The 160 mm (6.29 in) distance from the lower part of the structure must be respected.

- (d) Use a cutter to cut the surplus part of the two hook auto agrip strips which is out of the seat structure shape.

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Assembly of Receptacle

Figure 7001/GRAPHIC-25-11-96-991-701-A01

FITS AND CLEARANCES

TASK 25-11-96-940-801-A01

1. General

A. Torque values

No measure of sleeves, bushings, etc. is necessary; the torque values used are in accordance with usual maintenance practices.

All torque values are standard torque values unless otherwise specified in assembly block pages and Detailed Parts List.

(1) Maximum permissible (max. after wear)

These limits are determined so that re-installed parts can be used for the period between two overhauls.

NOTE : During overhaul which gives the unit a new service life, and especially for parts ensuring precision guidance of moving components, the repair facility should endeavor to keep clearances within those of new parts.

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(2) Type of screw

TH	AN3 to AN6		TF	AN 525	
	NAS 1081			BHC	
	NAS 6603 to NAS 6606			MS 21093	
TC	DIN 912 (CHC)		TB	MS 24693	
	AN 500			NAS 514	
NAS 600 to NAS 606		NAS 517			
MS 27039		DIN 7991 (FHC)			
MS 21090					

Type of Screw
 Figure 8001/GRAPHIC-25-11-96-991-801-A01

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1.5 mdaN (133 inches Lbs) for lock nut. (0.25 inches) (thread: 0.907).

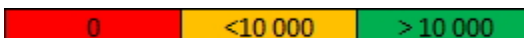
1.030 m.daN (91.16 lbf.in) for screw in tensile stress.

0.900 m.daN (79.66 lbf.in) for screw in shearing stress.

Torque is the measurement of the turning or twisting force applied to an object. This chart shows the recommended minimum and maximum torque values applicable for each Safran Seats (Safran Seats France) screw types on non-lubricated metal parts.

NOTE : Torque values are in N.m (multiply by 8.8.8507 to get lbf.in).

(3) Recommendations related to the quantities consumed annually:



THREAD: ø nominal (mm) ø nominal (in)	4-40 UNC	5-40 UNC	6-32 UNC	8-32 UNC	8-36 UNF	10-24 UNC	10-32 UNF	1/4-20 UNC	1/4-28 UNF	5/16-18 UNC	5/16-24 UNF	3/8-16 UNC	3/8-24 UNF
	ø 2,845 ø 0,112	ø 3,175 ø 0,125	ø 3,505 ø 0,137	ø 4,166 ø 0,164	ø 4,166 ø 0,164	ø 4,826 ø 0,19	ø 4,826 ø 0,19	ø 6,35 ø 0,25	ø 6,35 ø 0,25	ø 7,938 ø 0,312	ø 7,938 ø 0,312	ø 9,525 ø 0,375	ø 9,525 ø 0,375
AN3 to AN6													
TH NAS 1601													
NAS 6603 to NAS 6606													

Annual Quantity Recommendations (Sheet 1 of 3)
Figure 8002/GRAPHIC-25-11-96-991-802-A01

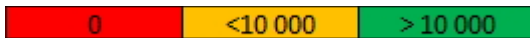
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THREAD:		4-40 UNC	5-40 UNC	6-32 UNC	8-32 UNC	8-36 UNF	10-24 UNC	10-32 UNF	1/4-20 UNC	1/4-28 UNF	5/16-18 UNC	5/16-24 UNF	3/8-16 UNC	3/8-24 UNF
ø nominal (mm)		ø 2,845 ø 0,112	ø 3,175 ø 0,125	ø 3,505 ø 0,137	ø 4,166 ø 0,164	ø 4,166 ø 0,164	ø 4,826 ø 0,19	ø 4,826 ø 0,19	ø 6,35 ø 0,25	ø 6,35 ø 0,25	ø 7,938 ø 0,312	ø 7,938 ø 0,312	ø 9,525 ø 0,375	ø 9,525 ø 0,375
ø nominal (in)														
TC	DIN 912 (CHC)	Yellow	Red	Teal	Teal	Grey	Red	Teal	Red	Teal	Red	Teal	Red	Red
	AN 500	Red	Red	Red	Yellow	Grey	Red	Grey	Red	Grey	Red	Grey	Red	Grey
	NAS 600 to NAS 606	Teal	Grey	Teal	Teal	Grey	Grey	Teal	Grey	Teal	Grey	Red	Grey	Red
	MS 27039	Grey	Grey	Grey	Teal	Grey	Grey	Yellow	Grey	Teal	Grey	Red	Grey	Red
	MS 21090	Yellow	Grey	Yellow	Teal	Grey	Grey	Red	Grey	Red	Grey	Red	Grey	Red
	AN 525	Grey	Grey	Grey	Teal	Red	Grey	Teal	Grey	Yellow	Grey	Grey	Grey	Grey
BHC	Teal	Grey	Teal	Teal	Grey	Red	Teal	Red	Yellow	Red	Red	Red	Red	

Annual Quantity Recommendations (Sheet 2 of 3)
Figure 8002/GRAPHIC-25-11-96-991-802-A01

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THREAD: ø nominal (mm) ø nominal (in)	4-40 UNC	5-40 UNC	6-32 UNC	8-32 UNC	8-36 UNF	10-24 UNC	10-32 UNF	1/4-20 UNC	1/4-28 UNF	5/16-18 UNC	5/16-24 UNF	3/8-16 UNC	3/8-24 UNF
	ø 2,845 ø 0,112	ø 3,175 ø 0,125	ø 3,505 ø 0,137	ø 4,166 ø 0,164	ø 4,166 ø 0,164	ø 4,826 ø 0,19	ø 4,826 ø 0,19	ø 6,35 ø 0,25	ø 6,35 ø 0,25	ø 7,938 ø 0,312	ø 7,938 ø 0,312	ø 9,525 ø 0,375	ø 9,525 ø 0,375
MS 21093	Yellow	Grey	Yellow	Yellow	Grey	Grey	Yellow	Grey	Red	Grey	Red	Grey	Red
MS 24693	Yellow	Grey	Yellow	Yellow	Grey	Red	Red	Red	Red	Red	Red	Red	Grey
TF NAS 514	Teal	Grey	Teal	Teal	Grey	Grey	Teal	Grey	Teal	Grey	Teal	Grey	Red
NAS 517	Grey	Grey	Teal	Red	Grey	Grey	Teal	Grey	Yellow	Grey	Yellow	Grey	Red
DIN 7991 (FHC)	Red	Grey	Red	Red	Grey	Red	Red	Red	Teal	Red	Yellow	Red	Red

Annual Quantity Recommendations (Sheet 3 of 3)
Figure 8002/GRAPHIC-25-11-96-991-802-A01

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(4) How to use this matrix list

2. SELECT THE DIAMETER/THREAD OF THE SCREW

		10-32 UNF	
		STEEL	ALUMINIUM / STAINLESS STEEL
TH	AN3 to 6	5,1 N.m	7,7 N.m
		45,14 lbf.in	68,15 lbf.in

1. SELECT THE TYPE OF SCREW

3. SELECT THE MATTER

How to Use the Matrix List
 Figure 8003/GRAPHIC-25-11-96-991-803-A01

(5) Tolerance:

Torque	Electrical Torque/Angle controlled screwdriver	±10%
	Electrical clutch automatic stop screwdriver	±10%
	Hydro pneumatic screwdriver	±15%
	Torque wrench with clamping tool	±5%
	Torque wrench without clamping tool	±10%

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(6) Matrix list:

		10-32 UNF		1/4-28 UNF		5/16-24 UNF		3/8-24 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TH	AN3 to 6	5,1 N.m	7,7 N.m	11,8 N.m	17,8 N.m	22,8 N.m	34,0 N.m	40,9 N.m	60,9 N.m
		45,14 lbf.in	68,15 lbf.in	104.44 lbf.in	157,54 lbf.in	201,80 lbf.in	300,93 lbf.in	362 lbf.in	539,01 lbf.in

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		4-40 UNC		6-32 UNC		8-32 UNC		10-32 UNF		1/4-28 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TH	NAS 1801	1,3 N.m	1,9 N.m	2,4 N.m	3,6 N.m	4,4 N.m	6,6 N.m	7,2 N.m	10,9 N.m	16,8 N.m	25,2 N.m
		11,51 lbf.in	16,82 lbf.in	21,24 lbf.in	31,86 lbf.in	38,94 lbf.in	58,41 lbf.in	63,72 lbf.in	96,47 lbf.in	148,69 lbf.in	223,04 lbf.in
		5/16-24 UNF		3/8-24 UNF							
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL						
TH	NAS 1801	32,4 N.m	48,3 N.m	58,1 N.m	86,4 N.m						
		286,76 lbf.in	427,49 lbf.in	514,23 lbf.in	764,70 lbf.in						
		10-32 UNF		1/4-28 UNF		5/16-24 UNF		3/8-24 UNF			
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL		
TH	NAS 6603 to 6606	7,2 N.m	10,9 N.m	16,8 N.m	25,2 N.m	32,4 N.m	48,3 N.m	58,1 N.m	86,4 N.m		
		63,72 lbf.in	96,47 lbf.in	148,69 lbf.in	223,04 lbf.in	286,76 lbf.in	427,49 lbf.in	514,23 lbf.in	764,70 lbf.in		

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		4-40 UNC		5-40 UNC		6-32 UNC		8-32 UNC		10-24 UNC	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TC	DIN 912 (CHC)	1,3 N.m	1,9 N.m	1,9 N.m	2,9 N.m	2,4 N.m	3,6 N.m	4,4 N.m	6,6 N.m	6,3 N.m	9,3 N.m
		11,51 lbf.in	16,82 lbf.in	16,82 lbf.in	25,67 lbf.in	21,24 lbf.in	31,86 lbf.in	38,94 lbf.in	58,41 lbf.in	55,76 lbf.in	82,31 lbf.in
		10-32 UNF		1/4-20 UNC		1/4-28 UNF		5/16-18 UNC		5/16-24 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TC	DIN 912 (CHC)	7,3 N.m	10,9 N.m	15,0 N.m	22,1 N.m	17,4 N.m	25,9 N.m	30,9 N.m	45,6 N.m	34,6 N.m	51,5 N.m
		64,61 lbf.in	96,47 lbf.in	132,76 lbf.in	195,60 lbf.in	154 lbf.in	229,23 lbf.in	273,49 lbf.in	403,59 lbf.in	306,24 lbf.in	455,81 lbf.in
		3/8-16 UNC		3/8-24 UNF							
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL						
TC	DIN 912 (CHC)	54,9 N.m	80,0 N.m	62,9 N.m	93,8 N.m						
		485,91 lbf.in	708,06 lbf.in	556,71 lbf.in	830,20 lbf.in						

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		4-40 UNC		5-40 UNC		6-32 UNC		10-32 UNF		10-24 UNC	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TB	AN 500	0,3 N.m	0,4 N.m	0,4 N.m	0,7 N.m	0,6 N.m	0,8 N.m	1,0 N.m	1,5 N.m	1,5 N.m	2,2 N.m
		2,65 lbf.in	3,54 lbf.in	3,54 lbf.in	6,19 lbf.in	5,31 lbf.in	7,08 lbf.in	8,85 lbf.in	13,28 lbf.in	13,28 lbf.in	19,47 lbf.in
		1/4-20 UNC		5/16-18 UNC		3/8-16 UNC					
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL				
TB	AN 500	3,6 N.m	5,3 N.m	7,4 N.m	11 N.m	13,2 N.m	19,7 N.m				
		31,86 lbf.in	46,91 lbf.in	65,49 lbf.in	97,36 lbf.in	116,83 lbf.in	174,36 lbf.in				
		4-40 UNC		6-32 UNC		8-32 UNC		10-32 UNC		1/4-28 UNC	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TB	NAS 600 to 606	1,3 N.m	1,9 N.m	2,3 N.m	3,5 N.m	4,3 N.m	6,5 N.m	7,2 N.m	10,9 N.m	17,3 N.m	26,4 N.m
		11,51 lbf.in	16,82 lbf.in	20,36 lbf.in	30,98 lbf.in	38,06 lbf.in	57,53 lbf.in	63,72 lbf.in	96,47 lbf.in	153,12 lbf.in	233,66 lbf.in

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		5/16-24 UNF		3/8-24 UNF							
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL						
TB	NAS 600 to 606	34,6 N.m	52,8 N.m	63,1 N.m	96,6 N.m						
		306,24 lbf.in	467,32 lbf.in	558,48 lbf.in	854,98 lbf.in						
		8-32 UNC		10-32 UNF		1/4-28 UNF		5/16-24 UNF		3/8-24 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TB	MS 270 39	3,0 N.m	4,6 N.m	5,1 N.m	7,7 N.m	12,2 N.m	18,7 N.m	24,4 N.m	37,2 N.m	44,5 N.m	68,0 N.m
		26,55 lbf.in	40,71 lbf.in	45,14 lbf.in	68,15 lbf.in	107,98 lbf.in	165,51 lbf.in	215,96 lbf.in	329,25 lbf.in	393,86 lbf.in	601,85 lbf.in
		4-40 UNC		6-32 UNC		8-32 UNC		10-32 UNC		1/4-28 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TB	MS 210 90	0,5 N.m	0,8 N.m	0,9 N.m	1,4 N.m	1,7 N.m	2,6 N.m	2,9 N.m	4,4 N.m	6,9 N.m	10,5 N.m
		4,42 lbf.in	7,08 lbf.in	7,96 lbf.in	12,39 lbf.in	15,05 lbf.in	23,01 lbf.in	25,67 lbf.in	38,94 lbf.in	61,07 lbf.in	92,93 lbf.in

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		5/16-24 UNF		3/8-24 UNF							
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL						
TB	MS 210 90	13,8 N.m	21,0 N.m	25,1 N.m	38,4 N.m						
		122,14 lbf.in	185,87 lbf.in	222,15 lbf.in	339,87 lbf.in						
		8-32 UNC		8-36 UNF		10-32 UNF		1/4-28 UNF			
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL		
TB	AN 525	3,3 N.m	5,0 N.m	3,5 N.m	5,4 N.m	5,4 N.m	8,2 N.m	12,4 N.m	18,9 N.m		
		29,21 lbf.in	44,25 lbf.in	30,98 lbf.in	47,79 lbf.in	47,79 lbf.in	72,58 lbf.in	109,75 lbf.in	167,28 lbf.in		
		4-40 UNC		6-32 UNC		8-32 UNC		10-24 UNC		10-32 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TB	BHC	1,1 N.m	1,7 N.m	2,1 N.m	3,1 N.m	3,8 N.m	5,8 N.m	5,5 N.m	8,2 N.m	6,4 N.m	9,6 N.m
		9,73 lbf.in	15,05 lbf.in	18,59 lbf.in	27,44 lbf.in	33,63 lbf.in	51,33 lbf.in	48,68 lbf.in	72,58 lbf.in	56,64 lbf.in	84,97 lbf.in

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		1/4-20 UNC		1/4-28 UNF		5/16-18 UNC		5/16-24 UNF		3/8-16 UNC	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TB	BHC	13,0 N.m	19,5 N.m	15,2	22,9 N.m	26,9 N.m	40,3 N.m	30,1 N.m	45,5 N.m	47,6 N.m	71,4 N.m
		115,06 lbf.in	172,59 lbf.in	134,53 lbf.in	202,68 lbf.in	238,09 lbf.in	356,69 lbf.in	266,41 lbf.in	402,71 lbf.in	421,30 lbf.in	631,94 lbf.in
		3/8-24 UNF									
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL								
TB	BHC	54,7 N.m	82,7 N.m								
		484,14 lbf.in	731,96 lbf.in								
		4-40 UNC		6-32 UNC		8-32 UNC		10-32 UNF		1/4-28 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	MS 210 93	0,6 N.m	1,0 N.m	1,2 N.m	1,9 N.m	2,2 N.m	3,6 N.m	3,7 N.m	6,1 N.m	9,0 N.m	14,7 N.m
		5,31 lbf.in	8,85 lbf.in	10,62 lbf.in	16,82 lbf.in	19,47 lbf.in	31,86 lbf.in	32,75 lbf.in	53,99 lbf.in	79,66 lbf.in	130,11 lbf.in

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		5/16-24 UNF		3/8-24 UNF							
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL						
TF	MS 210 93	18,0 N.m	29,5 N.m	32,9 N.m	54,1 N.m						
		159,31 lbf.in	261,10 lbf.in	291,19 lbf.in	478,83 lbf.in						
		4-40 UNC		6-32 UNC		8-32 UNC		10-24 UNC		10-32 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	MS 246 93	0,4 N.m	0,7 N.m	0,8 N.m	1,2 N.m	1,4 N.m	2,3 N.m	2,0 N.m	3,3 N.m	2,4 N.m	3,9 N.m
		3,54 lbf.in	6,19 lbf.in	7,08 lbf.in	10,62 lbf.in	12,39 lbf.in	20,36 lbf.in	17,70 lbf.in	29,21 lbf.in	21,24 lbf.in	34,52 lbf.in
		1/4-20 UNC		1/4-28 UNF		5/16-18 UNC		5/16-24 UNF		3/8-16 UNC	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	MS 246 93	4,9 N.m	8,0 N.m	5,8 N.m	9,4 N.m	10,3 N.m	16,7 N.m	11,6 N.m	18,9 N.m	18,3 N.m	29,7 N.m
		43,67 lbf.in	70,81 lbf.in	51,33 lbf.in	83,20 lbf.in	91,16 lbf.in	147,81 lbf.in	102,67 lbf.in	167,28 lbf.in	161,97 lbf.in	262,87 lbf.in

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		4-40 UNC		6-32 UNC		8-32 UNC		10-32 UNF		1/4-28 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	NAS 514	1,1 N.m	1,8 N.m	2,1 N.m	3,4 N.m	3,9 N.m	6,4 N.m	6,6 N.m	10,7 N.m	15,9 N.m	26,0 N.m
		9,73 lbf.in	15,93 lbf.in	18,59 lbf.in	30,09 lbf.in	34,52 lbf.in	56,64 lbf.in	58,41 lbf.in	94,70 lbf.in	140,73 lbf.in	230,12 lbf.in
		5/16-24 UNF		3/8-24 UNF							
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL						
TF	NAS 514	31,9 N.m	52,2 N.m	58,3 N.m	95,7 N.m						
		282,34 lbf.in	462,01 lbf.in	516 lbf.in	847,02 lbf.in						
		8-32 UNC		10-32 UNF		1/4-28 UNF		5/16-24 UNF		3/8-24 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	NAS 517	5,3 N.m	8,6 N.m	9,0 N.m	14,5 N.m	22,8 N.m	35,3 N.m	44,8 N.m	71,1 N.m	80,3 N.m	130,9 N.m
		46,91 lbf.in	76,12 lbf.in	79,66 lbf.in	128,34 lbf.in	201,80 lbf.in	312,43 lbf.in	396,51 lbf.in	629,29 lbf.in	710,72 lbf.in	1158,56 lbf.in

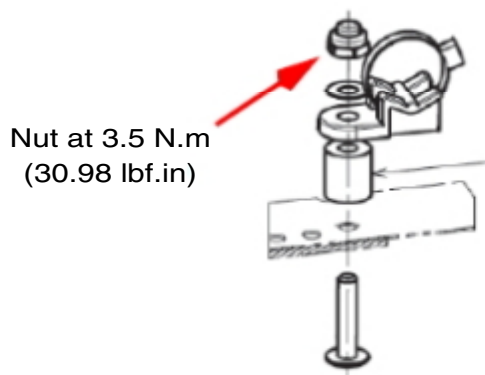
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		4-40 UNC		6-32 UNC		8-32 UNC		10-24 UNC		10-32 UNF	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	DIN 7991 (FHC)	1,7 N.m	2,9 N.m	3,2 N.m	5,3 N.m	5,9 N.m	9,9 N.m	8,5 N.m	14,2 N.m	9,9 N.m	16,7 N.m
		15,05 lbf.in	25,67 lbf.in	28,32 lbf.in	46,91 lbf.in	52,22 lbf.in	87,62 lbf.in	75,23 lbf.in	125,68 lbf.in	87,62 lbf.in	147,81 lbf.in
		1/4-20 UNC		1/4-28 UNF		5/16-18 UNC		5/16-24 UNF		3/8-16 UNC	
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL	STEEL	ALUMI- NIUM / STAIN- LESS STEEL
TF	DIN 7991 (FHC)	20,3 N.m	34,1 N.m	23,9 N.m	40,3 N.m	42,4 N.m	71,2 N.m	47,9 N.m	81,0 N.m	75,6 N.m	127,3 N.m
		179,67 lbf.in	301,81 lbf.in	211,53 lbf.in	356,69 lbf.in	375,27 lbf.in	630,17 lbf.in	423,95 lbf.in	716,91 lbf.in	669,12 lbf.in	1126,70 lbf.in
		3/8-24 UNF									
		STEEL	ALUMI- NIUM / STAIN- LESS STEEL								
TF	DIN 7991 (FHC)	87,7 N.m	148,7 N.m								
		776,21 lbf.in	1316,11 lbf.in								

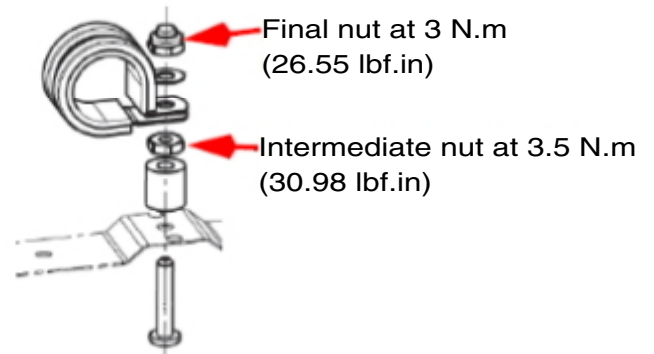
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(7) Torque for bases of electrical wiring (Example)

Standard Case:



Specific Case:



Torque for Bases of Electrical Wiring
Figure 8004/GRAPHIC-25-11-96-991-804-A01

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TASK 25-11-96-940-802-01

2. Dimensions Tolerances

- ±9.65 mm (0.38 in) Dimensions above 508 mm (20 in)
- ±6.35 mm (0.25 in) Dimensions above 254 mm (10 in) and below 508 mm (20 in)
- ±2.54 mm (0.10 in) Dimensions below 254 mm (10 in)
- ±6.35 mm (0.25 in) Fairings dimensions
- ±12.7 mm (0.50 in) Cushions dimensions and mobile parts

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SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES

TASK 25-11-96-940-803-A01

1. Special Tools, Fixtures and Equipment
 - A. Special tools
 - (1) No special tool is necessary for maintenance work to be carried out on the seat.
 - B. Special fixtures and equipment
 - (1) No special fixtures or specific equipment are necessary for maintenance work to be carried out on the seat.

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TASK 25-11-96-940-804-A01

2. Consumables

CAUTION : ALL THE CONSUMABLES SUPPLIED BY SAFRAN AND LISTED INTO THE CMM CAN HAVE A LIMITED LIFETIME. PLEASE REVIEW LABELS ON CONTAINER OR EXAMINE THE TECHNICAL DATA SHEET BEFORE USE OR STORE.

Designation and Specification	Suppliers Code or Name and Address	Page Block Where Used
ARALDITE AW106-2011 / HARDENER HV953U (F001689)		6000
ADHESIVE DIOXOLANE (F0468113)		6000
EPOXY TOPCAT PN 4125/ 6407 (F0491827)		6000
GREASE ALIMENTA (F0406186)		6000
LUBRIFIANT MOLYKOTE D PASTE (F0455402)		6000
LUBRISEC JLT5521 (F0406279)		6000
ABRASIVE PAPERS GRIT P 400, P 600		6000
ADHESIVE COLLANO TAC4650.0	COLLANO Adhesive S.A. Parc d'activités de la Mossig 67521 MARLENHEIM Cedex FRANCE	6000
ADHESIVE LOCTITE n° 401 colorless	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000
ADHESIVE LOCTITE n° 601 green, fluorescent liquid	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000
ADHESIVE LOCTITE n° 638 green, fluorescent liquid	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000

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ADHESIVE M 890 colorless	BOSTIK S.A. R.N. 19 77170 COUBERT FRANCE	6000
ADHESIVE METHYLENE CHLORIDE	ELF ATOCHEM S.A. 4 cours Michelet Cedex 42 92091 PARIS LA DEFENSE 10 FRANCE	6000
ADHESIVE SCOTCH-WELD 7246-2 B/A FST	3M France Boulevard de l'Oise 95006 CERGY PONTOISE Cedex FRANCE	6000
ADHESIVE MONTAPRENE 2796 (supersedes Neoprene)	BOSTIK S.A. R.N. 19 77170 COUBERT FRANCE	6000
ADHESIVE PENLOC GTI (two parts glue) of 29)	Eleco Produits - EFD 125 Ave Louis Roche ZA des basses Noëls 92238 Gennevilliers cedex France Tel: 01 47 92 41 80 Fax: 01 47 92 22 72	6000
ADHESIVE SCOTCH WELD 3532 B/A	3M France Boulevard de l'Oise 95006 CERGY PONTOISE Cedex FRANCE	6000
ADHESIVE PERMABOND 2011	PERMABOND LLC 14 Robinson Street , Pottstown, PA19464 U.S.A.	6000
ADHESIVE SILICOMET AS310 (supersedes LOCTITE 5366)	LOCTITE FRANCE 10 Avenue Eugene Gazeau BP 96 60304 SENLIS Cedex FRANCE	6000

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Designation and Specification	Suppliers Code or Name and Address	Page Block Where Used
ADHESIVE PERMABOND 910 colorless (supersedes OMNIFIT 7000)	PIROT RUTARD INDUSTRIE 22, rue Combanaire 36000 CHATEAUROUX FRANCE	6000
ADHESIVE PERMABOND 791	PIROT RUTARD INDUSTRIE 22, rue Combanaire 36000 CHATEAUROUX FRANCE	6000
ADHESIVE TAPE DOUBLE COATED POLYESTER TAPE 9495LE High load and Temperature Retaining	3M FRANCE Boulevard de l'Oise 95006 CERGY PONTOISE Cedex FRANCE	6000
ADHESIVE TAPE DOUBLE COATED TAPE 9473 High Performance	3M FRANCE Boulevard de l'Oise 95006 CERGY PONTOISE Cedex FRANCE	6000
ADHESIVE TAPE DOUBLE COATED EUROCEL 730 GDA	SICAD S.p.A. Export Market Via Caduti della Liberazione,57 21040 Uboldo (VA) ITALIA Phone +39 02.96412.1 FAX. +39 02.96412.322	6000
ADHESIVE TAPE EUROCEL SF7200	SICAD S.p.A. Export Market Via Caduti della Liberazione,57 21040 Uboldo (VA) ITALIA Phone +39 02.96412.1 FAX. +39 02.96412.322	6000
ADHESIVE TAPE ADHESIVE ALUMINIUM TAPE (width: 50 mm (1.968 in))	BARACHER MATHAT 11, Rue de la Gaucherie BP 320 18103 VIERZON Cedex FRANCE	6000
Self Fastener SELF-GRIPPING FASTENER TAPE (HOOK AND LOOP TYPE)	APLIX S.A. ZA Les Relandières RN 123 BP 850 Ligne 44850 CELLIERS FRANCE	6000
Self Fastener PLASTIC AUTO-GRIPPING FASTENER TAPE (HOOK AND LOOP TYPE)	APLIX S.A. ZA Les Relandières RN 123 BP 850 Ligne 44850 CELLIERS FRANCE	6000

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Designation and Specification	Suppliers Code or Name and Address	Page Block Where Used
CLEANER ISOPROPYL ALCOHOL	PROLABO 54, rue Roger Salengro BP 115 94126 FONTENAY-SOUS-BOIS Cedex FRANCE	6000
CLEANER GRAIN ALCOHOL (ETHANOL)	PROLABO 54, rue Roger Salengro BP 115 94126 FONTENAY-SOUS-BOIS Cedex FRANCE	6000
CLEANER SYDOL SID	SOCIETE INDUSTRIELLE DE DIFFUSION B.P. 118 94003 CRETEIL Cedex FRANCE	6000
CLEANER TURCO 5948	Henkel Surface Technologies, 32100 Stephenson Highway Madison Heights, MI 48071	6000
CLEANER SOLVICAP	ZEP INDUSTRIES - Service Internet - CS60008 - ZI du Poirier - 28132 NOGENT le ROI CEDEX FRANCE	6000
CORROSION PROTECTION SurTec 650 chromital Retouche Touch up pen	SurTec Deutschland GmbH SurTec-Strassee 2D-64673 Zwingenberg www.surtec.com	6000
DE-RUSTER ARDROX 396/1	BRENT S.A. 280 rue J.B. Godin 02200 VILLENEUVE ST GERMAIN FRANCE	6000
DFC POLISHING KIT	DECORATIVE PRODUCT (GmbH) Kurt-Fischer-Str,32 D-22926 Ahrensburg GERMANY	6000
GREASE GREASE 182 DS	UNIL S.A. Boulevard Jean Moulin BP 20055 49402 SAUMUR Cedex FRANCE	5000 6000 15000
HARNESS PROTECTIVE WRAP Flexiwrap	AERAZUR Avenue Georges Pompidou 37600 Loches02 47 91 48 00 www.aerazur.com	6000

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Designation and Specification	Suppliers Code or Name and Address	Page Block Where Used
HEAT SHRINKABLE TUBING SP Heat Shrinkable Tubing	SHRINKTEC UK +44 (0) 1452 714900 USA +1 (973) 364 9990 Canada +1 (604) 881-7199 www.shrinktek.com	6000
LUBRICANT DRY GRAPHITE SPRAY N°5200 DGF-123	AIRCRAFT SPRUCE AND SPECIALITY CO P.O. Box 4000 Corona, CA 92878-4000 USA	6000
LUBRICANT MICROLUB 22	WYNN'S FRANCE SA11 AVENUE DUBONNET92407 COURBEVOIE FRANCE	6000
LUBRICANT WD40 AEROSOL	WD-40 COMPANY LTD P.O. Box 440, MILTON KEYNES, BUCKS MK113LF ENGLAND	6000
LUBRICANT WD40 LIQUID	WD-40 COMPANY LTD P.O. Box 440, MILTON KEYNES, BUCKS MK113LF ENGLAND	6000
LUBRICANT Lubrisec	ITW Spraytec 5 bis, rue Retrou F-92600 Asnières sur Seine France Tel:01.40.80.32.32 Fax:01.40.80.32.30 infofds@itwpc.com	6000
MASTIC DOW CORNING 732 Clear	DOW CORNING S.A. Parc Industriel - Zone C B-7180 SENEFFE BELGIUM	6000
NON SLID material AF6/1472 (PIMPLE)	AEROFLOOR LTD 3 Commerce way, Whitehall Industrial Estate, CO2 8HR COLCHESTER	6000
NON SLID material AF6/1499 (3 mm (0.118 in) diameter STUD)	AEROFLOOR LTD 3 Commerce way, Whitehall Industrial Estate, CO2 8HR COLCHESTER	6000
PAINT ALEXIT FST TOPCOAT 346-57	Mankiewicz Gebr. and Co.Georg-Wilhelm-Strasse 189D-21107 Hamburg	6000
PAINT MAPAERO FRS40 SEMI GLOSS FINISH	MAPAERO AEROSPACE COATINGS 10 avenue de la Rijole 09100 Pamiers FRANCE	6000

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Designation and Specification	Suppliers Code or Name and Address	Page Block Where Used
POLISH PERFECT IT III N° 05937	3M France Boulevard de l'Oise 95006 CERGY PONTOISE Cedex FRANCE	6000
SEALANT, DELO-ML 5328	DELO OHMSTR 3 D-86899 LANDSBERG GERMANY	6000
SEALANT, High Temperature Retaining LOCTITE n° 290	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000
SEALANT, High Temperature Retaining LOCTITE n°222 purple (low)	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000
SEALANT, High Temperature Retaining LOCTITE n°243 blue (normal)	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000
SEALANT, High Temperature Retaining LOCTITE n°262 red (medium hard)	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A. AS NECESSARY	6000
SEALANT, High Temperature Retaining LOCTITE n°270 or n°271 green (strong)	LOCTITE Corporation 705, West Mountain Road Newington, Conn. 06111 U.S.A.	6000
SILICONE DOW CORNING 732 Colorless	PIROT RUTARD INDUSTRIE 22, rue Combanaire 36000 CHATEAUROUX FRANCE	6000
TOPCOAT ALEXIT FST TOPCOAT 346-57	Mankiewicz Gebr. and Co., Georg-Wilhelm-Strasse 189 D-21107 Hamburg	6000
TOPCOAT FRS40 SEMI GLOSS FINISH	Mapaero AEROSPACE COATINGS 10 avenue de la Rijole 09100 Pamiers France Tel: +33 (0)5 34 01 34 01 Fax: +33 (0)5 61 60 23 30	6000
TOUCH UP PEN Liberon Mahogany Touch Up Pen 3 Point	LIBERON B.P. 1 F-39210 Domblans FRANCE	6000

Table 9001 / Consumables

STORAGE

TASK 25-11-96-500-801-A01

1. Storage

A. Reason for the job

CAUTION : DO NOT PUT THE SEAT LEGS ON CONCRETE GROUND OR ON STEEL SURFACES WITH NO CORROSION PROTECTION.

CAUTION : ALL THE CONSUMABLES SUPPLIED BY SAFRAN AND LISTED INTO THE CMM CAN HAVE A LIMITED LIFETIME. PLEASE REVIEW LABELS ON CONTAINER OR EXAMINE THE TECHNICAL DATA SHEET BEFORE USE OR STORE.

(1) The equipment is essentially corrosion resistant and special preservation is not required.

B. Job set-up information

NOTE : You can use equivalent alternative for items in the lists.

(1) Tools, features and equipment

Usage	Qty	Designation
No specific	1	Heat-sealing machine
No specific	1	Air vacuum pump

(2) Consumables

Reference	Designation
No specific	Heat-sealing cloth envelope
No specific	Labels
No specific	Aliphatic naphtha, grade F
No specific	Greaseproof paper
No specific	Grease 182 DS
No specific	Desiccant bag
No specific	Adhesive tape

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(3) Referenced information

Reference	Designation
TASK 25-11-96-200-801-A01	Check
TASK 25-11-96-700-801-A01	Testing
TASK 25-11-96-810-801-A01	Fault isolation

C. Job set-up

- (1) Make sure that the equipment is free of damage.
- (2) Install the protective materials on the equipment with their blanking plugs.

D. Procedure

SUBTASK 25-11-96-550-001-A01

(1) Preservation

CAUTION : USE A SOFT CLOTH MOISTENED WITH ALIPHATIC NAPHTHA, GRADE F TO CLEAN THE EXTERNAL PARTS OF THE SEAT.

- (a) Set the armrests to the down position.
- (b) Tilt the backrest forward.
- (c) Lightly grease the hinge points with grease "182 DS" or equivalent.

SUBTASK 25-11-96-550-002-A01

(2) Storage

CAUTION : DO NOT LIFT AND MOVE THE SEATS BY THE ARMRESTS.

- (a) For long storage, wrap equipment assembly in waterproof wrapping paper or a plastic cover.

NOTE : For painted parts, we recommend a black or dark protection.

- (b) Identify equipment part number and date of overhaul on a tag or in a convenient location on the equipment wrapper.
- (c) Place the equipment on a soft plane material. The equipment must rest on clean, non abrasive and non corrosive surface.
- (d) Store equipment in cool, dry place away from sunlight and heat sources with a good supply of air.

NOTE : Keep the relative humidity at between 45% and 55% with a temperature range from 18.0°C to 25.0°C (64.4°F to 77.7°F).

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- (e) No loads should be placed on the stored equipment, in particular the equipment should not be stacked.
- (f) Equipment has to be tested before installation, examine all the equipment systems, (refer to Page Block 5001) "CHECK" and (refer to Page Block 1001) "TESTING AND FAULT ISOLATION" of this manual.

NOTE : If the equipment is fitted with hydrolocks, a handling is required every 3 months (Compression cycle).

SUBTASK 25-11-96-550-003-A01

- (3) Deployment of the seat

CAUTION : TO NOT DAMAGE THE SEAT, RESPECT THE FOLLOWING STEP ORDER.

CAUTION : TO APPLY NEXT STEP, THE SEAT MUST BE IN DEPLOYED POSITION.

- (a) Pull up the unlocking handle on the side of the seat.

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Deployment of the Seat (Step 1)

Figure 15001/GRAPHIC-25-11-96-991-1501-A01

- (b) Pull the seat on the right side until it locks.
- (c) Pull up the headrest.

NOTE : When you hear a click, the headrest is in locking position.

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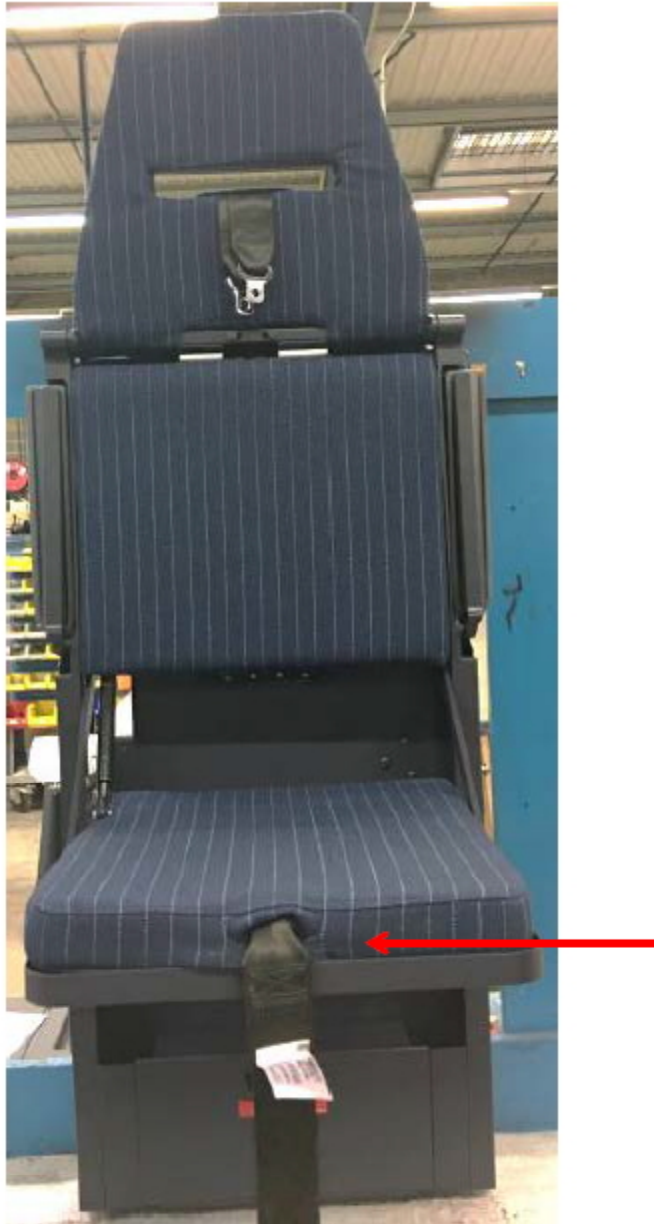


Deployment of the Seat (Step 2)

Figure 15002/GRAPHIC-25-11-96-991-1502-A01

- (d) Pull down the seat pan.

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Deployment of the Seat (Step 3)

Figure 15003/GRAPHIC-25-11-96-991-1503-A01

- (e) Pull down the armrests.

NOTE : The seat is ready to be used.

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Deployment of the Seat (Step 4)
Figure 15004/GRAPHIC-25-11-96-991-1504-A01

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SUBTASK 25-11-96-550-004-A01

(4) Stowage of the seat

CAUTION : TO NOT DAMAGE THE SEAT, RESPECT THE FOLLOWING STEP ORDER.

CAUTION : THE SEAT PAN AND ARMRESTS WILL BE STOWED AUTOMATICALLY. DO NOT PULL UP THE SEAT PAN OR ARMRESTS.

(a) Pull the 2 pins towards to center to unlock headrest and put it in stowage position

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Stowage of the Seat (Step 1)

Figure 15005/GRAPHIC-25-11-96-991-1505-A01

(b) Pull up the unlocking handle.

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Stowage of the Seat (Step 2)

Figure 15006/GRAPHIC-25-11-96-991-1506-A01

- (c) Push the seat in stowage position.

ILLUSTRATED PARTS LIST

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INTRODUCTION TO THE ILLUSTRATED PARTS LIST

TASK 25-11-96-99F-801-A01

1. Introduction

A. General

- (1) The Illustrated Part List (IPL) contains the illustrations and the parts lists of the component(s) shown on the title page. The parts lists give the items which can be disassembled, repaired or replaced, and assembled.

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TASK 25-11-96-99F-802-A01

2. Explanation and Usage of Section

A. Assembly Order Indenture System

- (1) The indenture system used in the parts list shows the relation of the parts to each other. For a given item, the number of indentures shows the relation of the item to the next higher assembly as follows:

1 2 3

Assembly

- Detail parts for Assembly
- Attaching Parts for Assembly
- .. Subassembly
- .. Attaching parts for Subassembly
- ... Detail parts for Subassembly

B. Effectivity Code

- (1) In IPL figures that have more than one top assembly item, reference letters (A, B, C, etc.) are given to each top assembly item in the EFFECT CODE column. The reference letter of the applicable top assembly is also shown in the EFFECT CODE column for each detail part and subassembly, except that no reference letter is shown for detail parts and subassemblies used on all top assemblies.

NOTE : The effectivity code identifies affected parts within a single figure only. The same code can appear in other figures, but it is only to be used for those parts within the figure in which it is listed. Effectivity does not necessarily relate to more than one figure.

C. Units Per Assembly

- (1) The UNITS PER ASSY column shows the total number of units required per assembly, per subassembly, and per sub-subassembly as applicable. For bulk items, the abbreviation AR is used for "as required". The abbreviation RF shows the item is listed for reference purposes.
- (2) The abbreviation "NP" besides the quantity shows the item is "NOT PROCURABLE". The abbreviation "RPD" besides the quantity shows the item is "REPLACED". The abbreviation "SPD" besides the quantity shows the item is "SUPERSEDED", the abbreviation "BFE" besides the quantity shows the item is "BFE".

D. Parts Replacement Data

- (1) The interchangeability relationship between parts is identified in the NOMENCLATURE column of the parts list. A list of the terms used to show interchangeability and their definition is as follows:

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Interchangeability Definitions		
Term	Parts List Abbreviation	Definition
Alternative part	ALT P/N	This part is alternative to and interchangeable with other parts in the same item number variant group or other item number if designated
Superseded by	SUPSD BY	The part in the part number column is replaced by and is not interchangeable with the item number shown in the notation
Supersedes	SUPSDS	The part in the part number column replaces and is not interchangeable with the item number shown in the notation
Replaced by	RPLD BY	The part in the part number column is replaced by and interchangeable with the item number shown in the notation
Replaces	RPLS	The part in the part number column replaces and is interchangeable with the item number shown in the notation

E. Items Not Illustrated

- (1) Items not illustrated are shown by a dash (-) in front of the item number in the FIG. and ITEM NO. column.

F. Alpha Variant Item Numbers

- (1) Alpha variants A-Z (except I and O) are added to existing item numbers when necessary to show:
 - (a) Added items
 - (b) Service Bulletin modifications
 - (c) Configuration differences
 - (d) Optional parts
 - (e) Product improvement parts (non service bulletin).
- (2) Alpha variant item numbers are not shown in the illustration when the appearance and location of the alpha variant item is the same as the basic item.

G. Locating Parts

- (1) To find a part with a known Part Number (PN).
 - (a) Refer to the Numerical Index and find the PN.
 - (b) Read across to the related figure and item numbers.
 - (c) Refer to the figure in the parts list.

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- (d) Find the item number on the illustration.
- (2) To find a subassembly PN from a known assembly PN.
 - (a) Refer to the Numerical Index and find the assembly PN.
 - (b) Read across to find the related figure and item numbers.
 - (c) Refer to the related IPL figure and find the item number of the known assembly. This will give an indented breakdown of the assembly PN.
 - (d) Cross reference with the related illustration and IPL for the subassembly item number.

H. Part numbers codification

(1) Standard Part Numbers

Standard international standard part numbers is mentioned in Part Number column :
i.e. NAS601-5.

Internal Safran Seats France's standard parts numbers codification is mentioned in
Nomenclature Column: (VINAS6015) like vendor code.

Thus, VINAS6015 = NAS601-5

Examples: VIAN412A = AN4-12A, R0AN960416 = AN960-416

Examples: R0AN960416 = AN960-416

Examples: EEP79312-M03 = P79312-M03

Examples: VE-192821250N = 192821-250N

Examples: CI7133D5 = 7133D5

Examples: NAS60x-x = NAS60x-xP, NAS1149Dxxxx = NAS1149DxxxxK

These part numbers are two ways interchangeable.

For Safran Seats France code and Description, refer to the [TABLE-25-11-96-992-10002-A01](#)

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(2) Safran Seats (Safran seats France) code

Safran Seats (Safran Seats France) CODE			
Safran Seats (Safran Seats France) Code	Description	Safran Seats (Safran Seats France) Code	Description
AA	Auto Agrip	HL	Helicoil
AD	Glue	IN	Insert
ADDF	Adhesive	J0	Seal
B0	Wood	M0	Foam
BILLE	Ball	POP	Pop Rivet
BR0	Pip Pin	PD	Notions Article
C0	Collar	PE	Paint
CI	Circlip	PE / PC / RE	Chimical Material
CLE	Driver Tool	QU	Special Hardware
CR	Profile Angle	R0 or RO	Washer
CT	Dry Tint	RI	Rivet
CU	Leather	RK	Riv Nut
EC	Nut	RL	Bearing
EE	Electrical Equipment	TH	Therm Raw Material
ET	Placard	TL	Sheet Metal
FI	Latch	TR	Tube
FLC	Thread	VE	Hydrolock
GA	Sleave	VEL	Velcro
GL	Track	VI	Screw
GP or G0 or GO	Pin		

(3) Safran Seats France's Parts Number

(a) Standard Safran Seats France's Parts number codification is:

2 digits - 6 digits - 3 digits - 1 digit.

Thus, XX – xxxXXX – xxx – X.

Example: 50-000400-100-0 or 65-000600-800-0

(b) Occasionally a «A» can appear between the 8th and 9th digit.

Thus, XX – xxxXXX A xxx – X

Example: 65-000600A800-0 = 65-000600-800-0

NOTE : These part numbers are two ways interchangeable.

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- (c) Occasionally a «R» can appear between the 11th and 12th digit.

Thus, XX – xxxXXX - xxx R X

Examples:

65-000600-800-0 = 65-000600-800R0

65-000600A800-0 = 65-000600A800R0 (a and b)

NOTE : These part numbers are two ways interchangeable.

- (d) Occasionally a triple «000» can be missed between the 2nd and 6th digit.

Thus, XX – XXX – xxx – X

Examples:

65-600-800-0 = 65-000600-800-0

65-000600-800-0 = 65-600A800R0 (a, b and c)

NOTE : These part numbers are two ways interchangeable.

- (e) Occasionally a «1» can appear instead of the first dash «-».

Thus, XX 1 xxxXXX – xxx – X

Examples:

65-000600-800-0 = 651000600-800-0

65-000600-800-0 = 651600A800R0 (a, b, c, and d)

NOTE : These part numbers are two ways interchangeable.

- (f) In order to include the color code information in the part number, the dashes have been removed and color code added at the end of the P/N.

Thus, XX – xxxXXX – xxx – X with color code Hxxx became
XXxxxXXXxxxXxxx

Examples:

65-000600-800-0 with color code H108 became 650006008000108

651600A800R0 with color code H108 became 650006008000108 (a, b, c,
,d and e)

G081309-517 with color code AK became G081309AK517

NOTE : These part numbers are two ways interchangeable.

- (g) New Safran Seats France's Parts number codification is only: "F0" and 6 digits.

Thus, F0xxxxxx.

Examples:

F0414381

F0450563

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(h) Safran Seats France Article Code Reference

Under each part, we indicate a Safran Seats France article code (REF: xxxxxx) as additional information in the "1234567 nomenclature" column of the CMM.

Thus, 65-000240-100-1 = 063374

Examples:

650006008000108 = 047323P108

P79312-M03 = 272507

NOTE : These part numbers are two ways interchangeable.

DETAILED PARTS LIST

FIG. ITEM	PART NUMBER	AIRLINE STOCK N°	1234567 NOMENCLATURE	EFFECT. CODE	UNITS PER ASSY.
7 5	65-000240-100-1		.STRUCTURE, LH BACKREST (REF : 063374)	A	1

Safran Seats France Article Code Reference

Figure 10001/GRAPHIC-25-11-96-991-10001-A01

(i) Integration of the letter 'F' in front of the article code.

Further to the ERP change, the article code codification (REF: xxxxxx) became (REF: Fxxxxxx):

Thus, 16-100200-011-0 = F324566

Examples:

650006008000108 = F047323P108

P79312-M03 = F272507

P79387A070 = F0414381

NOTE : These part numbers are two ways interchangeable.

Thus : (REF: xxxxxx) = (REF: Fxxxxxx)

Examples:

047323P108 = F047323P108

272507 = F272507

NOTE : These part numbers are two ways interchangeable.

DETAILED PARTS LIST

FIG. ITEM	PART NUMBER	AIRLINE STOCK N°	1234567 NOMENCLATURE	EFFECT. CODE	UNITS PER ASSY.
4 225	16-100200-011-0		..TRACKING MOTOR FIXATION (REF:F324566)		1

Integration of the Letter 'F' in Front of the Article Code

Figure 10002/GRAPHIC-25-11-96-991-10002-A01

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- (j) The supplier P/N could be also given as information when the part number indicated on the column part number is a F0xxxxxx type.

Thus, F0414381 = P79387A070

Example: F0414380 = P33711M060

NOTE : These part numbers are two ways interchangeable.

DETAILED PARTS LIST

FIG. ITEM	PART NUMBER	AIRLINE STOCK N°	1234567 NOMENCLATURE	EFFECT. CODE	UNITS PER ASSY.
2 490	F0414381		..READING LIGHT (P79387A070)		1

Supplier P/N

Figure 10003/GRAPHIC-25-11-96-991-10003-A01

- (k) Addition Of Color Code Into Part Number

1 Integration of color code into part number

To include the color information into the part number, the dashes have been removed and color code added at the end of the part number.

Example: P/N 50-000610-024-0 with color code H022 Becomes 500006100240022

NOTE : These part numbers are two ways interchangeable.

The new codification has been introduced in all CMM initial release or revision issued after June 10th 2005 (see example [\(Refer to Fig. 10004\)](#)).

2 Addition of Supplier Number (REF) in the CMM

Each Safran Seats France part has a Supplier Number indicated on its identification label ([Refer to Fig. 10005](#)). This REF number has been added as additional information in the "1234567 nomenclature" column of the CMM ([Refer to Fig. 10004](#)).

It is recommended to the customer to add this Supplier Number (REF) in the purchase order to improve delay and reliability in spare part data processing.

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New codification equivalent to 70-000956-000-0 with color H020

Associated REF number

DETAILED PARTS LIST

FIG. ITEM	PART NUMBER	AIRLINE STOCK N°	1234567 NOMENCLATURE	EFFECT. CODE	UNITS PER ASSY.
11 -1	700009560000020		FOODTRAY ASSY (SEE FIG.1 & 1A FOR NHA) (REF : 022983P020)	A	RF
-1A	700009560001041		FOODTRAY ASSY, LH (SEE FIG.1 & 1A FOR NHA) (REF : 022985P041)	B	RF
-1B	700009560002020		FOODTRAY ASSY, RH (SEE FIG.1 & 1A FOR NHA) (REF : 022986P020)	C	RF
5	700009561000020		.TRAY (REF : 022987P020)		1
10	61000-900-200-0		.FITTING (REF : 007245)		2

Example of CMM modification

Figure 10004/GRAPHIC-25-11-96-991-10004-A01



Identification Label

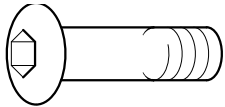
Figure 10005/GRAPHIC-25-11-96-991-10005-A01

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I. Screws codification

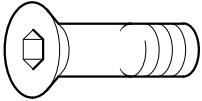
Safran Seats (Safran seats France) reference with correspondence PN normalized of screw reference:

NOTE : Old and new screw part numbers are two ways interchangeable



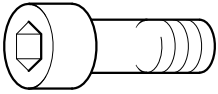
ULS XXXX* IS BHC XXXX*

XXXX * MEANS THE THREAD AND THE LENGTH OF THE SCREW:



DIN7991 XXXX* IS FHC XXXX*

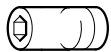
EXAMPLE: DIN912 1/4NF X 5/8 = CHC 1/4NF X 5/8
- 1/4NF (INCH VALUE) : THREAD DIAMETER
- X 5/8 (INCH VALUE) : LENGTH UNDER HEAD



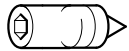
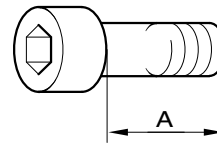
DIN912 XXXX* IS CHC XXXX*

FOR SCREW BHC AND CHC (SEE DIMENSION A)

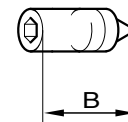
TOTAL LENGTH FOR SCREW FCH, HCBPL, HCBPT, HCBTT, HCBC (SEE DIMENSION B)



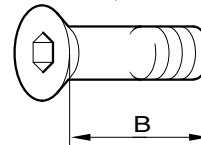
DIN913 XXXX* IS HC BPL XXXX*



DIN914 XXXX* IS HC BPT XXXX*



DIN915 XXXX* IS HC BTT XXXX*



DIN916 XXXX* IS HC BC XXXX*

Screws Codification

Figure 10006/GRAPHIC-25-11-96-991-1006-A01

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(1) New screws codification information

To limit to 15 digits the screw part number and to prevent screw corrosion with a new treatment (black screws become grey), Safran Seats (Safran seats France) change the screw codification as shown on the chart below:

NOTE : Old and new screw part numbers are two ways interchangeable

NOTE : All screws P/N NAS60x-x are replaced by P/N NAS60x-xP

NOTE : All screws P/N NAS60xx are replaced by P/N NAS60xxP

New Screws Codification				
Designation	Old PN	New PN	Type	Article
VIBHC2NCX3/8A10.9G500A	BHC2NCX3/8	355255ASMEB18-3	BHC	F355255
VIBHC1/4NFX1"A10.9G500A	BHC1/4NFX1	355153ASMEB18-3	BHC	F355153
VIBHC1/4NFX1/2A10.9G500A	BHC1/4NFX1/2	355003ASMEB18-3	BHC	F355003
VIBHC1/4NFX3/4A10.9G500A	BHC1/4NFX3/4	355062ASMEB18-3	BHC	F355062
VIBHC1/4NFX5/8A10.9G500A	BHC1/4NFX5/8	355005ASMEB18-3	BHC	F355005
VIBHC10NCX3/8A10.9G500A	BHC10NCX3/8	355192ASMEB18-3	BHC	F355192
VIBHC10NFX1/2A10.9G500A	BHC10NFX1/2	355223ASMEB18-3	BHC	F355223
VIBHC10NFX1/4A10.9G500A	BHC10NFX1/4	355177ASMEB18-3	BHC	F355177
VIBHC10NFX3/4A10.9G500A	BHC10NFX3/4	355038ASMEB18-3	BHC	F355038
VIBHC10NFX3/8A10.9G500A	BHC10NFX3/8	360315ASMEB18-3	BHC	F360315
VIBHC10NFX1/4A10.9G500A	BHC10NFX1/4	360316ASMEB18-3	BHC	F360316
VIBHC3/8NFX3/4A10.9G500A	BHC3/8NFX3/4	355174ASMEB18-3	BHC	F355174
VIBHC4NCX1/2A10.9G500A	BHC4NCX1/2	355169ASMEB18-3	BHC	F355169
VIBHC4NCX1/4A10.9G500A	BHC4NCX1/4	355220ASMEB18-3	BHC	F355220
VIBHC4NCX3/8A10.9G500A	BHC4NCX3/8	355163ASMEB18-3	BHC	F355163
VIBHC5/16NCX1A10.9G500A	BHC5/16NCX1	355251ASMEB18-3	BHC	F355251
VIBHC6NCX1/2A10.9G500A	BHC6NCX1/2	355130ASMEB18-3	BHC	F355130
VIBHC6NCX1/4A10.9G500A	BHC6NCX1/4	355121ASMEB18-3	BHC	F355121
VIBHC6NCX3/8A10.9G500A	BHC6NCX3/8	355129ASMEB18-3	BHC	F355129
VIBHC6NCX5/8A10.9G500A	BHC6NCX5/8	355102ASMEB18-3	BHC	F355102
VIBHC8NCX1/2A10.9G500A	BHC8NCX1/2	355076ASMEB18-3	BHC	F355076
VIBHC8NCX1/4A10.9G500A	BHC8NCX1/4	355244ASMEB18-3	BHC	F355244
VIBHC8NCX3/4A10.9G500A	BHC8NCX3/4	355209ASMEB18-3	BHC	F355209
VIBHC8NCX3/8A10.9G500A	BHC8NCX3/8	355052ASMEB18-3	BHC	F355052
VIBHCM3X12A10.9G500A	BHCM3X12	355232ASMEB18-3	BHC	F355232

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New Screws Codification				
Designation	Old PN	New PN	Type	Article
VIBHCM4X10A10.9G500A	BHCM4X10	355194ASMEB18-3	BHC	F355194
VIBHCM4X8A12.9G500A	BHCM4X8	355207ASMEB18-3	BHC	F355207
VIBHCNFX5/8A10.9G500A	BHCNFX5/8	355219ASMEB18-3	BHC	F355219
VICHHC1/4NFX1"1/2A12.9G500A	CHC1/4NFX1"1/2	355043ASMEB18-3	CHC	F355043
VICHHC1/4NFX1"A12.9G500A	CHC1/4NFX1	355002ASMEB18-3	CHC	F355002
VICHHC1/4NFX1/2A12.9G500A	CHC1/4NFX1/2	355030ASMEB18-3	CHC	F355030
VICHHC1/4NFX1"1/4A12.9G500A	CHC1/4NFX1"1/4	355012ASMEB18-3	CHC	F355012
VICHHC1/4NFX1"3/4A12.9G500A	CHC1/4NFX1"3/4	355055ASMEB18-3	CHC	F355055
VICHHC1/4NFX1"7/8A12.9G500A	CHC1/4NFX1"7/8	355160ASMEB18-3	CHC	F355160
VICHHC1/4NFX1/4A12.9G500A	CHC1/4NFX1/4	355047ASMEB18-3	CHC	F355047
VICHHC1/4NFX2"1/2A12.9G500A	CHC1/4NFX2"1/2	355116ASMEB18-3	CHC	F355116
VICHHC1/4NFX2"1/4A12.9G500A	CHC1/4NFX2"1/4	355064ASMEB18-3	CHC	F355064
VICHHC1/4NFX2"3/4A12.9G500A	CHC1/4NFX2"3/4	355249ASMEB18-3	CHC	F355249
VICHHC1/4NFX3/4A12.9G500A	CHC1/4NFX3/4	355036ASMEB18-3	CHC	F355036
VICHHC1/4NFX3/8A12.9G500A	CHC1/4NFX3/8	355049ASMEB18-3	CHC	F355049
VICHHC1/4NFX5/16A12.9G500A	CHC1/4NFX5/16	355081ASMEB18-3	CHC	F355081
VICHHC1/4NFX5/8A12.9G500A	CHC1/4NFX5/8	355010ASMEB18-3	CHC	F355010
VICHHC1/4NFX7/8A12.9G500A	CHC1/4NFX7/8	355004ASMEB18-3	CHC	F355004
VICHHC10NCX3/8A12.9G500A	CHC10NCX3/8	355034ASMEB18-3	CHC	F355034
VICHHC10NFX1"1/2A12.9G500A	CHC10NFX1"1/2	355060ASMEB18-3	CHC	F355060
VICHHC10NFX1"1/4A.9G500A	CHC10NFX1"1/4	355015ASMEB18-3	CHC	F355015
VICHHC10NFX1"A12.9G500A	CHC10NFX1	355006ASMEB18-3	CHC	F355006
VICHHC10NFX1/2A12.9G500A	CHC10NFX1/2	355029ASMEB18-3	CHC	F355029
VICHHC10NFX1/4A12.9G500A	CHC10NFX1/4	355035ASMEB18-3	CHC	F355035
VICHHC10NFX2"1/4A12.9G500A	CHC10NFX2"1/4	355166ASMEB18-3	CHC	F355166
VICHHC10NFX2"A12.9G500A	CHC10NFX2	355225ASMEB18-3	CHC	F355225
VICHHC10NFX3/8A12.9G500A	CHC10NFX3/8	355218ASMEB18-3	CHC	F355218
VICHHC10NFX3/4A12.9G500A	CHC10NFX3/4	355007ASMEB18-3	CHC	F355007
VICHHC10NFX5/8A12.9G500A	CHC10NFX5/8	355037ASMEB18-3	CHC	F355037
VICHHC10NFX7/8A12.9G500A	CHC10NFX7/8	355061ASMEB18-3	CHC	F355061
VICHHC4NCX1/2A12.9G500A	CHC4NCX1/2	355101ASMEB18-3	CHC	F355101
VICHHC4NCX1/4A12.9G500A	CHC4NCX1/4	VIDIN9124NCX1/4	CHC	F018810
VICHHC4NCX3/4A12.9G500A	CHC4NCX3/4	355200ASMEB18-3	CHC	F355200

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Designation	Old PN	New PN	Type	Article
VICH4NCX3/8A12.9G500A	CHC4NCX3/8	VIDIN9124NCX3/8	CHC	F107324
VICH4NCX5/8A12.9G500A	CHC4NCX5/8	355110ASMEB18-3	CHC	F355110
VICH5/16NFX1"1/2A12.9G500A	CHC5/16NFX1"1/2	355065ASMEB18-3	CHC	F355065
VICH5/16NFX1"1/4A12.9G500A	CHC5/16NFX1"1/4	355243ASMEB18-3	CHC	F355243
VICH5/16NFX1"3/4A12.9G500A	CHC5/16NFX1"3/4	355181ASMEB18-3	CHC	F355181
VICH5/16NFX1"A12.9G500A	CHC5/16NFX1	355008ASMEB18-3	CHC	F355008
VICH5/16NFX2"1/2A12.9G500A	CHC5/16NFX2"1/2	355180ASMEB18-3	CHC	F355180
VICH5/16NFX2"1/4A12.9G500A	CHC5/16NFX2"1/4	355179ASMEB18-3	CHC	F355179
VICH5/16NFX2"3/4A12.9G500A	CHC5/16NFX2"3/4	355242ASMEB18-3	CHC	F355242
VICH5/16NFX2"A12.9G500A	CHC5/16NFX2	355031ASMEB18-3	CHC	F355031
VICH5/16NFX3/4A12.9G500A	CHC5/16NFX3/4	355011ASMEB18-3	CHC	F355011
VICH5/16NFX3A12.9G500A	CHC5/16NFX3	355083ASMEB18-3	CHC	F355083
VICH5/16NFX7/8A12.9G500A	CHC5/16NFX7/8	355063ASMEB18-3	CHC	F355063
VICH5/40NFX5/16A12.9G500A	CHC5/40NFX5/16	355111ASMEB18-3	CHC	F355111
VICH6NCX1"A12.9G500A	CHC6NCX1	355170ASMEB18-3	CHC	F355170
VICH6NCX1/2A12.9G500A	CHC6NCX1/2	355132ASMEB18-3	CHC	F355132
VICH6NCX1/4A12.9G500A	CHC6NCX1/4	355205ASMEB18-3	CHC	F355205
VICH6NCX3/4A12.9G500A	CHC6NCX3/4	355139ASMEB18-3	CHC	F355139
VICH6NCX3/8A12.9G500A	CHC6NCX3/8	355136ASMEB18-3	CHC	F355136
VICH6NCX5/8A12.9G500A	CHC6NCX5/8	355162ASMEB18-3	CHC	F355162
VICH6NCX7/8A12.9G500A	CHC6NCX7/8	355150ASMEB18-3	CHC	F355150
VICH8NCX1"1/2A12.9G500A	CHC8NCX1"1/2	355147ASMEB18-3	CHC	F355147
VICH8NCX1"1/4A12.9G500A	CHC8NCX1"1/4	355173ASMEB18-3	CHC	F355173
VICH8NCX1"A12.9G500A	CHC8NCX1	355059ASMEB18-3	CHC	F355059
VICH8NCX1/2A12.9G500A	CHC8NCX1/2	355021ASMEB18-3	CHC	F355021
VICH8NCX1/4A12.9G500A	CHC8NCX1/4	355206ASMEB18-3	CHC	F355206
VICH8NCX3/4A12.9G500A	CHC8NCX3/4	355009ASMEB18-3	CHC	F355009
VICH8NCX3/8A12.9G500A	CHC8NCX3/8	355022ASMEB18-3	CHC	F355022
VICH8NCX5/16A12.9G500A	CHC8NCX5/16	355075ASMEB18-3	CHC	F355075
VICH8NCX5/8A12.9G500A	CHC8NCX5/8	355042ASMEB18-3	CHC	F355042
VICH8NCX7/8A12.9G500A	CHC8NCX7/8	355067ASMEB18-3	CHC	F355067
VICHCM4X10A12.9G500A	CHCM4X10	355188ASMEB18-3	CHC	F355188
VICHCM4X6A12.9G500A	CHCM4X6	355240ASMEB18-3	CHC	F355240

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New Screws Codification				
Designation	Old PN	New PN	Type	Article
VICHCM4X8A12.9G500A	CHCM4X8	355224ASMEB18-3	CHC	F355224
VICHCM5X10A12.9G500A	CHCM5X10	355013ASMEB18-3	CHC	F355013
VICHCM5X12A12.9G500A	CHCM5X12	355168ASMEB18-3	CHC	F355168
VICHCM5X15A12.9G500A	CHCM5X15	355014ASMEB18-3	CHC	F355014
VICHCM6X10A12.9G500A	CHCM6X10	355239ASMEB18-3	CHC	F355239
VICHCM6X15A12.9G500A	CHCM6X15	355024ASMEB18-3	CHC	F355024
VICHCM6X20A12.9G500A	CHCM6X20	355231ASMEB18-3	CHC	F355231
VIFHC1/4NFX1"1/2A10.9G500A	FHC1/4NFX1"1/2	355068ASMEB18-3	FHC	F355068
VIFHC1/4NFX1"1/4A10.9G500A	FHC1/4NFX1"1/4	355071ASMEB18-3	FHC	F355071
VIFHC1/4NFX1"3/4A10.9G500A	FHC1/4NFX1"3/4	355221ASMEB18-3	FHC	F355221
VIFHC1/4NFX1"A10.9G500A	FHC1/4NFX1	355045ASMEB18-3	FHC	F355045
VIFHC1/4NFX1/2A10.9G500A	FHC1/4NFX1/2	355041ASMEB18-3	FHC	F355041
VIFHC1/4NFX3/4A10.9G500A	FHC1/4NFX3/4	355056ASMEB18-3	FHC	F355056
VIFHC1/4NFX5/8A10.9G500A	FHC1/4NFX5/8	355186ASMEB18-3	FHC	F355186
VIFHC1/4NFX7/8A10.9G500A	FHC1/4NFX7/8	355054ASMEB18-3	FHC	F355054
VIFHC10NFX1"1/2A10.9G500A	FHC10NFX1"1/2	355247ASMEB18-3	FHC	F355247
VIFHC10NFX1"A10.9G500A	FHC10NFX1	355146ASMEB18-3	FHC	F355146
VIFHC10NFX1/2A10.9G500A	FHC10NFX1/2	355198ASMEB18-3	FHC	F355198
VIFHC10NFX3/4A10.9G500A	FHC10NFX3/4	355120ASMEB18-3	FHC	F355120
VIFHC10NFX3/8A10.9G500A	FHC10NFX3/8	355137ASMEB18-3	FHC	F355137
VIFHC10NFX5/8A10.9G500A	FHC10NFX5/8	355172ASMEB18-3	FHC	F355172
VIFHC10NFX7/8A10.9G500A	FHC10NFX7/8	355144ASMEB18-3	FHC	F355144
VIFHC4NCX5/8A10.9G500A	FHC4NCX5/8	355164ASMEB18-3	FHC	F355164
VIFHC5/16NFX1"A10.9G500A	FHC5/16NFX1	355208ASMEB18-3	FHC	F355208
VIFHC6NCX1"1/4A10.9G500A	FHC6NCX1"1/4	355248ASMEB18-3	FHC	F355248
VIFHC6NCX1/2A10.9G500A	FHC6NCX1/2	355175ASMEB18-3	FHC	F355175
VIFHC6NCX1/4A10.9G500A	FHC6NCX1/4	355195ASMEB18-3	FHC	F355195
VIFHC6NCX1A10.9G500A	FHC6NCX1	355176ASMEB18-3	FHC	F355176
VIFHC6NCX3/4A10.9G500A	FHC6NCX3/4	355237ASMEB18-3	FHC	F355237
VIFHC6NCX3/8A10.9G500A	FHC6NCX3/8	355215ASMEB18-3	FHC	F355215
VIFHC6NCX5/8A10.9G500A	FHC6NCX5/8	355216ASMEB18-3	FHC	F355216
VIFHC8NCX1/2A10.9G500A	FHC8NCX1/2	355193ASMEB18-3	FHC	F355193
VIFHC8NCX1/4A10.9G500A	FHC8NCX1/4	355199ASMEB18-3	FHC	F355199

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New Screws Codification				
Designation	Old PN	New PN	Type	Article
VIFHC8NCX3/4A10.9G500A	FHC8NCX3/4	355197ASMEB18-3	FHC	F355197
VIFHC8NCX3/8A10.9G500A	FHC8NCX3/8	355183ASMEB18-3	FHC	F355183
VIFHCM4X8A10.9G500A	FHCM4X8	355230ASMEB18-3	FHC	F355230
VIHCBCME1/4NFX3/8A14.9G500A	HCBCME1/4NFX3/8	355089ASMEB18-3	HC BC	F355089
VIHCBCME10NCX7/16A14.9G500A	HCBCME10NCX7/16	355087ASMEB18-3	HC BC	F355087
VIHCBCME4NCX3/8A14.9G500A	HCBCME4NCX3/8	355211ASMEB18-3	HC BC	F355211
VIHCBCME4NCX5/16A14.9G500A	HCBCME4NCX5/16	355114ASMEB18-3	HC BC	F355114
VIHCBCME8NCX1/2A14.9G500A	HCBCME8NCX1/2	355191ASMEB18-3	HC BC	F355191
VIHCBCME8NCX1/4A14.9G500A	HCBCME8NCX1/4	355158ASMEB18-3	HC BC	F355158
VIHCBCTA1/4NFX3/16A14.9G500A	HCBCTA1/4NFX3/16	355196ASMEB18-3	HC BC	F355196
VIHCBCTA10NFX3/8A14.9G500A	HCBCTA10NFX3/8	355109ASMEB18-3	HC BC	F355109
VIHCBCTA10NFX7/16A14.9G500A	HCBCTA10NFX7/16	355140ASMEB18-3	HC BC	F355140
VIHCBCTA5/16NFX1/4A14.9G500A	HCBCTA5/16NFX1/4	355189ASMEB18-3	HC BC	F355189
VIHCBCTA6NCX3/8A14.9G500A	HCBCTA6NCX3/8	355213ASMEB18-3	HC BC	F355213
VIHCBCTA8NCX3/8A14.9G500A	HCBCTA8NCX3/8	355149ASMEB18-3	HC BC	F355149
VIHCBCTC10NFX3/8AFA14.9G500A	HCBCTC10NFX3/8	355090ASMEB18-3	HC BC	F355090
VIHCBCTC10NFX5/8A14.9G500A	HCBCTC10NFX5/8	355141ASMEB18-3	HC BC	F355141
VIHCBCTC4NCX1/4A14.9G500A	HCBCTC4NCX1/4	355000ASMEB18-3	HC BC	F355000
VIHCBCTC4NCX1/8A14.9G500A	HCBCTC4NCX1/8	355119ASMEB18-3	HC BC	F355119
VIHCBCTC6NCX1/4AFA14.9G500A	HCBCTC6NCX1/4	355098ASMEB18-3	HC BC	F355098
VIHCBCTC6NCX1/8A14.9G500A	HCBCTC6NCX1/8	355105ASMEB18-3	HC BC	F355105
VIHCBCTC8NCX3/16A14.9G500A	HCBCTC8NCX3/16	355073ASMEB18-3	HC BC	F355073
VIHCBOV10NFX1/4A14.9G500A	HCBOV10NFX1/4	355092ASMEB18-3	HC BOV	F355092
VIHCBOV10NFX1/4AFA14.9G500A	HCBOV10NFX1/4	355094ASMEB18-3	HC BOV	F355094
VIHCBOV10NFX3/8AFA14.9G500A	HCBOV10NFX3/8	355095ASMEB18-3	HC BOV	F355095
VIHCBPL1/4NFX3/8A14.9G500A	HCBPL1/4NFX3/8	355088ASMEB18-3	HC BPL	F355088

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New Screws Codification				
Designation	Old PN	New PN	Type	Article
VIHCBPL10NFX1/2A14.9G500A	HCBPL10NFX1/2	355096ASMEB18-3	HC BPL	F355096
VIHCBPL10NFX1/4A14.9G500A	HCBPL10NFX1/4	355159ASMEB18-3	HC BPL	F355159
VIHCBPL4NCX5/16A14.9G500A	HCBPL4NCX5/16	355097ASMEB18-3	HC BPL	F355097
VIHCBPL6NCX1/3A14.9G500A	HCBPL6NCX1/3	355167ASMEB18-3	HC BPL	F355167
VIHCBPL6NCX1/8A14.9G500A	HCBPL6NCX1/8	355184ASMEB18-3	HC BPL	F355184
VIHCBPL8NCX1/2A14.9G500A	HCBPL8NCX1/2	355203ASMEB18-3	HC BPL	F355203
VIHCBPL8NCX1/4A14.9G500A	HCBPL8NCX1/4	355093ASMEB18-3	HC BPL	F355093
VIHCBPL8NCX3/8A14.9G500A	HCBPL8NCX3/8	355246ASMEB18-3	HC BPL	F355246
VIHCBPL8NCX5/8A14.9G500A	HCBPL8NCX5/8	355165ASMEB18-3	HC BPL	F355165
VIHCBPL4NCX3/16A14.9G500A	HCBPL4NCX3/16	VIDIN9134NCX3/1	HC BPL	F087812
VIHCBPT8NCX5/16A14.9G500A	HCBPT8NCX5/16	355079ASMEB18-3	HC BPT	F355079
VIHCBPT4NCX1/4A14.9G500A	HCBPT4NCX1/4	355152ASMEB18-3	HC BPT	F355152
VIHCBPT4NCX1/8A14.9G500A	HCBPT4NCX1/8	VIDIN9144NCX1/8	HC BPT	F087811
VIHCBPT4NCX3/16A14.9G500A	HCBPT4NCX3/16	355104ASMEB18-3	HC BPT	F355104
VIHCBPT6NCX1/4A14.9G500A	HCBPT6NCX1/4	355190ASMEB18-3	HC BPT	F355190
VIHCBPT6NCX5/16A14.9G500A	HCBPT6NCX5/16	355222ASMEB18-3	HC BPT	F355222
VIHCBPTM5X25A14.9G500A	HCBPTM5X25	355241ASMEB18-3	HC BPT	F355241
VIHCBTA10NFX1/4A14.9G500A	HCBTA10NFX1/4	355108ASMEB18-3	HC BTA	F355108
VIHCBTT6NCX1/4A14.9G500A	HCBTT6NCX1/4	VIHCBTT6NCX1/4	HC BTT	F262948

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New Screws Codification				
Designation	Old PN	New PN	Type	Article
VIHCBTT8NCX3/16A14.9G500A	HCBTT8NCX3/16	355099ASMEB18-3	HC BTT	F355099
VIHCBTT8NCX3/16A14.9G500A	HCBTT8NCX3/16	355250ASMEB18-3	HC BTT	F355250
VIHCBTT8NCX3/8A14.9G500A	HCBTT8NCX3/8	355112ASMEB18-3	HC BTT	F355112

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J. Washers codification

NOTE : Old and new washer part numbers are two ways interchangeable.

New Washers Codification				
Designation	Old PN	New PN	Type	Article
ROEVENTAZ4,1X8X0,5AG500A	R0AZM4AC	355016ASMEB18-3	WASHER	F355016
ROEVENTAZ5,1X9,2X0,6AG500A	R0AZM5AC	355017ASMEB18-3	WASHER	F355017
ROEVENTAZ6,1X11X0,7AG500A	R0AZM6AC	355018ASMEB18-3	WASHER	F355018
ROEVENTAZ10,2X18X0,9AG500A	R0AZM10AC	355019ASMEB18-3	WASHER	F355019
ROONDUFAPR6,5X14X0,2AG500A	R050060400	355020ASMEB18-3	WASHER	F355020
ROONDUF DPR6,2X9,7X0,2AG500A	R053060200	355023ASMEB18-3	WASHER	F355023
ROONDUF AZ8,2X14X0,8AG500A	R0AZM8AC	355027ASMEB18-3	WASHER	F355027
ROONDUF BPR12,05X24X0,5AG500A	R052120300	355040ASMEB18-3	WASHER	F355040
ROONDUF DPR12,15X15,8X0,2AG500A	R053121100	355044ASMEB18-3	WASHER	F355044
ROEVENTAZM12,3X20X1AG500A	R0AZM12AC	355048ASMEB18-3	WASHER	F355048
ROCONIQ8,1X14,8X0,5AG500A	R056080300	355050ASMEB18-3	WASHER	F355050
ROEVENTAZS6,4X10,9X0,7AG500A	R019063100	355051ASMEB18-3	WASHER	F355051
ROONDUFAPR4,2X9X0,1AG500A	R050040200	355053ASMEB18-3	WASHER	F355053
ROEVENT JZ8,2X14X0,8AG500A	R0JZ8	355057ASMEB18-3	WASHER	F355057
ROONDUF DPR10,6X19X0,2AG500A	R053100100	355058ASMEB18-3	WASHER	F355058
ROONDUF EPR14,6X18,7X0,15AG500A	R054140100	355066ASMEB18-3	WASHER	F355066
ROEVENTJZE11,2X13,9X0,6AZNJ	R0JZE10	F049927	WASHER	F049927
ROEVENTAZ3,05X6X0,4AG500A	R0JZ3	355072ASMEB18-3	WASHER	F355072
ROONDUF D10,6X18,9X0,3AZNB	R053100244	R053100244	WASHER	F070411
ROONDUF DPR9,1X13,4X0,25AG500A	R053090200	355080ASMEB18-3	WASHER	F355080
ROONDUF DPR6,7X13X0,2AG500A	R053065100	355082ASMEB18-3	WASHER	F355082
ROONDUF DPR8,1X13,8X0,2AG500A	R053080300	355086ASMEB18-3	WASHER	F355086
ROONDUFABN6,4X11X0,5AG500A	R050060100	355100ASMEB18-3	WASHER	F355100
ROONDUFABN5,3X10X0,5AG500A	R050053700	355103ASMEB18-3	WASHER	F355103
ROONDUFBBN8,4X17X0,8AG500A	R052080100	355107ASMEB18-3	WASHER	F355107

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New Washers Codification				
Designation	Old PN	New PN	Type	Article
ROCONIQ6,4X12X1,4AG500A	R056062800	355113ASMEB18-3	WASHER	F355113
ROONDUF DPR10,3X14,8X0,2AG500A	R053103500	355117ASMEB18-3	WASHER	F355117
RO CONIQ6,2X18X1AG500A	R056060300	355118ASMEB18-3	WASHER	F355118
ROEVENTJZR6,1X11X0,8AG500A	R0JZ6	355122ASMEB18-3	WASHER	F355122
ROEVENTJZC7,6X15,9X0,8AG500A	ROJZC7	355123ASMEB18-3	WASHER	F355123
ROCONIQ8,2X18X0,7AG500A	ROCOND18	355124ASMEB18-3	WASHER	F355124
ROCONIQ8,2X16X0,6AG500A	ROCOND16	355125ASMEB18-3	WASHER	F355125
ROONDUF EPR23,8X31X0,2AG500A	R054237100	355133ASMEB18-3	WASHER	F355133
ROCONIQ13,9X7,5X1,2AG500A	RO56072800	355142ASMEB18-3	WASHER	F355142
ROCONTZ10,2X20X1,6AZNB	R055102124	55-10-21-24	WASHER	F227277
ROONDUF D17,3X23,8X0,25AG500A	R017-3X23-8X1-5	355151ASMEB18-3	WASHER	F237919
ROONDUF D11,3X17X0,2AZNB	R053110144	F250293	WASHER	F250293
ROONDUF BPR12,7X24X0,6AG500A	R052120400	355155ASMEB18-3	WASHER	F355155
ROONDUF DPR12,4X20X0,2AG500A	R053124100	355156ASMEB18-3	WASHER	F355156
ROCONTZ12,4X24X1,8AG500A	R055120544	355171ASMEB18-3	WASHER	F355171
ROCONIQ5,2X10X0,5AG500A	R0HA2656012	355201ASMEB18-3	WASHER	F355201
ROONDUF BPR16,3X24,3X0,7AG500A	ROONDUF521605	355235ASMEB18-3	WASHER	F355235
ROCONIQ11X5,3X0,9AG500A	R056052400	R056052444	WASHER	F286662
ROONDUF D10,6X18,9X0,3AZNB	R053100200	R053100244	WASHER	F070411
ROONDUF16,2X21,4X0,15	R00NDUF541621	355236ASMEB18-3	WASHER	F355236

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K. Helicoils codification

Helicoils Codification			
Designation	New PN	Type	Article
HELICOIL 1/4 28 UNF X .250 AF	HL1/428UNFX-250	HELICOIL	F006822
HELICOIL 1/4 28 UNF X .328 AF	HL1/428UNFX-328	HELICOIL	F030122
HELICOIL 1/4 28 UNF X .375	HL1/428UNFX-375	HELICOIL	F033870
HELICOIL 1/428UNF X.375 AFSR	HL1/428UNFX-375	HELICOIL	F302100
HELICOIL 1/4 28 UNF X .475 AF	HL1/428UNFX-475	HELICOIL	F047698
HELICOIL 1/4 28 UNF X .500 AF	HL1/428UNFX-500	HELICOIL	F001721
HELICOIL 1/4 28 UNF X .625 AF	HL1/428UNFX-625	HELICOIL	F001722
HELICOIL 1/4 28 UNF X .650AF	HL1/428UNFX-650	HELICOIL	F369306
HELICOIL 1/4 28 UNF X .750 AF	HL1/428UNFX-750	HELICOIL	F033871
HELICOIL 1/4 28 UNF X 5 M/M AF	HL1/428UNFX5M/M	HELICOIL	F020846
HELICOIL 1032 UNF X .190 AF	HL1032UNFX-190A	HELICOIL	F001723
HELICOIL 1032 UNF X.285 AFSR	HL1032UNFX-285A	HELICOIL	F302101
HELICOIL 1032 UNF X .380 AF	HL1032UNFX-380A	HELICOIL	F001725
HELICOIL 1032 UNF X .475 AF	HL1032UNFX-475A	HELICOIL	F008557
HELICOIL 3/8 24 UNF X .375 AF	HL3/824UNFX-375	HELICOIL	F207888
HELICOIL 3/8 24 UNF X-469 AF	HL3/824UNFX-469	HELICOIL	F203538
HELICOIL 4-40 UNC X .224 AF	HL440UNCX-224AF	HELICOIL	F001726
HELICOIL 440 UNC X.112 AF	HL440UNCX112AF	HELICOIL	F303906
HELICOIL 5/16 24 UNF X .250 AF	HL5/1624UNFX-25	HELICOIL	F023930
HELICOIL 5/16 24 UNF X .312 AF	HL5/1624UNFX-31	HELICOIL	F020220
HELICOIL 5/16 24 UNF X .469 AF	HL5/1624UNFX-46	HELICOIL	F006823
HELICOIL 5/16 24 UNF X .781 AF	HL5/1624UNFX-78	HELICOIL	F001728
HELICOIL 6,32 UNC X .138 AF	HL632UNCX-138AF	HELICOIL	F297940
HELICOIL 6,32 UNC X .164 AF	HL632UNCX-164AF	HELICOIL	F204647
HELICOIL 6,32 UNC X .172 AF	HL632UNCX-172AF	HELICOIL	F208855
HELICOIL 6-32 UNC X .207 AF	HL632UNCX-207AF	HELICOIL	F033865
HELICOIL 6,32 UNC X .276 AF	HL632UNCX-276AF	HELICOIL	F104855
HELICOIL 632 UNC X.345 AFSR	HL632UNCX-345AF	HELICOIL	F302103
HELICOIL 7/16.20 UNF X .438 AF	HL7/1620UNFX-43	HELICOIL	F019970
HELICOIL 8-32 UNC X .164	HL832UNCX-164	HELICOIL	F001732
HELICOIL 8-32 UNC X .164 AF	HL832UNCX-164AF	HELICOIL	F035033
HELICOIL 8-32 UNC X .246 AF	HL832UNCX-246AF	HELICOIL	F006824

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Helicoils Codification			
Designation	New PN	Type	Article
HELICOIL 832 UNC X.328 AFSR	HL832UNCX-328AF	HELICOIL	F302102
HELICOIL 8-32 UNC X .410 AF	HL832UNCX-410AF	HELICOIL	F033867

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L. New codification information

(1) We modified our references to be in accordance with standard.

NOTE : Old and new part numbers are two ways interchangeable.

(2) On a general basis :

(a) all screws P/N NAS60X-X are replaced by P/N NAS60X-XP

(b) all screws P/N NAS60X-X are replaced by P/N NAS60XXP

New Codification Information			
Designation	Article Code	Alt P/N	New P/N
1/4T RECEPTACLE	F0432043	F0432043	D7-201-802-010
1/4T STUD	F0432046	F0432046	D7-201-701-010
STUD RECEPTACLE	F0544037	F0544037	4050 007 0026
BLIND RIVET PH 3,2X14	F0453059	F0453059	ISO15983-3,2X14-A2/A2
BLIND RIVET PH 4X20	F0443587	F0443587	ISO15983-4X20-A2/A2
CLAMP 29X18	F0482969	F0482969	NSA5516CA32NJ
INSERT SL 1/4UNJFX0,279	F0520654	F0520654	NAS1836A4-09
INSERT SL 1/4UNJFX0,375	F0520647	F0520647	CDSP5907-4A3
INSERT SL 10UNJFX0,217	F0520650	F0520650	NAS1836A3-07
INSERT SL 10UNJFX0,279	F0520651	F0520651	NAS1836A3-09
INSERT SL 10UNJFX0,310	F0520646	F0520646	CDSP5907-3A1
INSERT SL 10UNJFX0,375	F0507384	F0507384	CDSP5907-3-3
INSERT SL 10UNJFX0,375	F0520652	F0520652	NAS1833A3-375
INSERT SL 10UNJFX0,403	F0515416	F0515416	NAS1836-3-13
INSERT SL 10UNJFX0,500	F0520653	F0520653	NAS1833A3-500
INSERT SL 6UNJCX0,310	F0520648	F0520648	CDSP5907-06A1
INSERT SL 8UNJCX0,217	F0520655	F0520655	NAS1836A08-07
INSERT SL 8UNJCX0,250	F070168	INNAS1833-08-25	NAS1833-08-250
INSERT SL 8UNJCX0,279	F0520656	F0520656	NAS1836A08-09
INSERT SL 8UNJCX0,310	F0520649	F0520649	CDSP5907-08A1
INSERT SL 8UNJCX0,375	F0520643	F0520643	NAS1833A08-375
INSERT SL 8UNJCX0,403	F0438736	F0438736	NAS1836-08-13
INSERT SL 8UNJCX0,500	F0520644	F0520644	NAS1833A08-500
INSERT TCH 0,256X0,375	F0520657	F0520657	NAS1834A4K375
INSERT TCH 0,256X0,500	F0520645	F0520645	NAS1834A4K500
NUT E CyH 10UNFX14,5	F0530178	F0530178	NAS1329Z3K80

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Designation	Article Code	Alt P/N	New P/N
NUT E HH 6UNCX0,187	F0525831	F0525831	NAS1129C06-6
NUT H 1/2UNFX6,4	F315643	ECAN3168R	AN316-8R
NUT H 1/4UNCX4,9	F001101	ECMS356492252	MS35649-2252
NUT H 1/4UNFX3,2	F000721	ECAN3164R	AN316-4R
NUT H 1/4UNFX4,9	F265343	ECMS356503252	MS35650-3252
NUT H 10UNCX3,3	F000717	ECMS35649202	MS35649-202
NUT H 10UNFX2	F0455346	F0455346	MS25082-C12
NUT H 10UNFX3,3	F006591	ECMS35650-302	MS35650-302
NUT H 10UNFX3,3	F030636	ECAN345C10	MS35650-304
NUT H 10UNFX3,3	F318072	ECMS35650305T	MS35650-305T
NUT H 2UNCX1,7	F032172	ECMS35649222	MS35649-222
NUT H 2UNFX1,7	F310689	ECMS35650-322	MS35650-322
NUT H 3/8UNCX6,5	F268698	ECMS356492382	MS35649-2382
NUT H 3/8UNFX4,8	F000720	ECAN3166R	AN316-6R
NUT H 4UNCX2,5	F020426	ECMS35649-242	MS35649-242
NUT H 5/16UNCX5,7	F044689	ECMS356492312	MS35649-2312
NUT H 5/16UNFX4	F048258	ECAN3165R	AN316-5R
NUT H 5/16UNFX5,7	F369257	ECMS35650-3312	MS35650-3312
NUT H 6UNCX2,9	F251397	ECMS35649262	MS35649-262
NUT H 7/16UNFX5,6	F012927	ECAN3167R	AN316-7R
NUT H 7/8UNFX11,1	F206421	ECAN31614R	AN316-14R
NUT H 8UNCX3,3	F0481106	F0481106	MS35649-284
NUT H 8UNCX3,3	F0512122	F0512122	MS35649-284B
NUT H 8UNCX3,3	F251398	ECMS35649282	MS35649-282
NUT H 8UNFX3,3	F259060	ECMS35650-386-T	MS35650-386T
NUT H 9/16UNFX7,1	F105705	ECAN3169R	AN316-9R
NUT H SL 1/4UNJFX5,6	F000701	ECNAS679A4	NAS679A4
NUT H SL 1/4UNJFX5,6	F001096	ECAN364428	MS21042-4
NUT H SL 1/4UNJFX5,6	F0505331	F0505331	MS21043-4
NUT H SL 1/4UNJFX5,7	F037095	ECF42NE048	F42NE-048
NUT H SL 10UNJFX4,8	F000710	ECNAS679A3	NAS679A3
NUT H SL 10UNJFX4,8	F009431	ECMS21042L3	MS21042L3
NUT H SL 10UNJFX4,8	F0506754	F0506754	MS21043-3

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Designation	Article Code	Alt P/N	New P/N
NUT H SL 10UNJFX4,8	F344453	ECMS21042-03	MS21042-3
NUT H SL 3/8UNJFX7,2	F025371	ECNAS679A6	NAS679A6
NUT H SL 3/8UNJFX7,2	F0529877	MS21043-06	MS21043-6
NUT H SL 4UNJCX3,2	F024021	ECNAS679A04	NAS679A04
NUT H SL 4UNJCX3,2	F0419910	F0419910	MS21042-04
NUT H SL 4UNJCX3,2	F0427089	F0427089	MS21042L04
NUT H SL 5/16UNJFX6,4	F000736	ECF42NE054	F42NE-054
NUT H SL 5/16UNJFX6,8	F006634	ECNAS679A5	NAS679A5
NUT H SL 5/16UNJFX6,8	F031745	ECNAS679C5	NAS679C5
NUT H SL 5/16UNJFX6,8	F0419912	F0419912	MS21042-5
NUT H SL 5/16UNJFX6,8	F0425497	F0425497	MS21042L5
NUT H SL 5/16UNJFX6,8	F0529868	F0529868	MS21043-5
NUT H SL 6UNJCX3,6	F000694	ECNAS679A06	NAS679A06
NUT H SL 6UNJCX3,6	F344454	ECMS21042-06	MS21042-06
NUT H SL 7/16UNJFX8,3	F031747	ECNAS679-A7	NAS679A7
NUT H SL 8UNJCX4,8	F021327	ECNAS679A08	NAS679A08
NUT H SL 8UNJCX4,8	F0420310	F0420310	MS21042-08
NUT H SL 8UNJCX4,8	F0529869	F0529869	MS21043-08
NUT H SL 8UNJCX4,8	F238461	ECMS21042L08	MS21042L08
NUT H SL NC 1/4-28UNJFX11	F216687	ECF42NKE048	F42NKE-048
NUT H SL NC 1/4-28UNJFX8,5	F049612	ECF52NKTE048	F52NKTE-048
NUT H SL NC 1/4UNJFX3,2	F006594	ECF52NTE048	F52NTE-048
NUT H SL NC 3/8UNJFX3,8	F032168	ECF52NTE064	F52NTE-064
NUT H SL NC 5/16-24UNJFX11,7	F246904	ECF42NKE054	F42NKE-054
NUT PL SL 10UNJFX6,4	F006630	MS21059-L3	MS21059L3
NUT PL SL 10UNJFX6,4	F0419914	F0419914	MS21069-3
NUT PL SL 4UNJCX3,6	F0447446	F0447446	MS21069-04
NUT PL SL 6UNJCX5,2	F001566	MS21059-L06	MS21059L06
NUT PL SL 8UNJCX6,4	F000751	MS21047-08	MS21047L08
NUT PL SL 8UNJCX6,4	F000758	MS21059-L08	MS21059L08

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Designation	Article Code	Alt P/N	New P/N
O-RING 13,00X2,50	F0480220	F0480220	ISO3601-1-B-13,00X2,50-N-NBR70
PIN Cy 1,5X10	F0465652	F0465652	ISO8734-1_5X10-A-ST
PIN Cy 1,5X8	F0451261	F0451261	ISO8734-1_5X8-A-ST
PIN Cy 2,5X10	F298748	GPREF306-2-5X10	ISO8734-2_5X10-A-ST
PIN Cy 2,5X12	F296421	GPREF306-2-5X12	ISO8734-2_5X12-A-ST
PIN Cy 2,5X16	F303365	GPREF306-2,5X16	ISO8734-2_5X16-A-ST
PIN Cy 2,5X8	F297939	GPREF306-2-5X8	ISO8734-2_5X8-A-ST
PIN Cy 2X10	F261099	GPREF306-2X10	ISO8734-2X10-A-ST
PIN Cy 2X6	F312182	GPREF306-2X6	ISO8734-2X6-A-ST
PIN Cy 2X8	F356054	G0306-2X08	ISO8734-2X8-A-ST
PIN Cy 3X12	F0429712	F0429712	ISO8734-3X12-A-ST
PIN Cy 3X14	F307690	GPREF306-3X14	ISO8734-3X14-A-ST
PIN Cy 3X16	F0445125	F0445125	ISO8734-3X16-A-ST
PIN Cy 3X24	F0434798	F0434798	ISO8734-3X24-A-ST
PIN Cy 3X8	F0520833	F0520833	ISO8734-3X8-C1
PIN Cy 3X8	F297937	GPREF306-3X8	ISO8734-3X8-A-ST
PIN Cy 4X12	F356122	GPREF306-4X12	ISO8734-4X12-A-ST
PIN Cy 4X14	F332786	GPREF306-4X14	ISO8734-4X14-A-ST
PIN Cy 4X18	F0460056	F0460056	ISO8734-4X18-A-ST
PIN Cy 4X22	F307781	GPREF306-4X22	ISO8734-4X22-A-ST
PIN Cy 4X26	F287398	GPREF501-4X26	ISO8734-4X26-A-ST
PIN Cy 4X45	F0518655	F0518655	ISO8734-4X45-A-ST
PIN Cy 4X45	F0520012	F0520012	ISO8734-4X45-C1
PIN Cy 5X12	F264592	GPREF306-5X12	ISO8734-5X12-A-ST
PIN Cy 5X16	F301467	GPREF306-5X16	ISO8734-5X16-A-ST
PIN Cy 5X18	F0529878	F0529878	ISO8734-5X18-A-ST
PIN Cy 5X24	F211918	GPREF306-5X24	ISO8734-5X24-A-ST
PIN Cy 5X26	F229163	GPREF306-5X26	ISO8734-5X26-A-ST
PIN Cy 5X32	F0436162	F0436162	ISO8734-5X32-A-ST
PIN Cy 8X24	F327999	GPREF306-8X24	ISO8734-8X24-A-ST
PIN SPRING-TYPE 1,5X10	F071373	GPMECAE1-5X10	ISO8752-1_5X10-ST
PIN SPRING-TYPE 1,5X16	F052411	GPMECAE1-5X16	ISO8752-1_5X16-ST

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Designation	Article Code	Alt P/N	New P/N
PIN SPRING-TYPE 1,5X6	F286445	GPMECAE1-5X6	ISO8752-1_5X6-ST
PIN SPRING-TYPE 1,5X8	F039633	GPMECAE1-5X8	ISO8752-1_5X8-ST
PIN SPRING-TYPE 2,5X10	F008561	GPMECAE2-5X10	ISO8752-2_5X10-ST
PIN SPRING-TYPE 2,5X12	F000911	GPMECAE2-5X12	ISO8752-2_5X12-ST
PIN SPRING-TYPE 2,5X14	F000900	GPMECAE2-5X14	ISO8752-2_5X14-ST
PIN SPRING-TYPE 2,5X18	F023107	GPMECAE2-5X18	ISO8752-2_5X18-ST
PIN SPRING-TYPE 2,5X20	F008563	GPMECAE2-5X20	ISO8752-2_5X20-ST
PIN SPRING-TYPE 2,5X30	F232962	GPMECAE2-5X30	ISO8752-2_5X30-ST
PIN SPRING-TYPE 2,5X5	F211722	GPMECAE2-5X5	ISO8752-2_5X5-ST
PIN SPRING-TYPE 2,5X6	F306566	GPMECAE2-5X6	ISO8752-2_5X6-ST
PIN SPRING-TYPE 2,5X8	F296357	GPMECAE2-5X8	ISO8752-2_5X8-ST
PIN SPRING-TYPE 2X10	F000906	GPMECAE2X10	ISO8752-2X10-ST
PIN SPRING-TYPE 2X12	F000902	GPMECAE2X12	ISO8752-2X12-ST
PIN SPRING-TYPE 2X14	F063614	GPMECAE2X14	ISO8752-2X14-ST
PIN SPRING-TYPE 2X16	F000910	GPMECAE2X16	ISO8752-2X16-ST
PIN SPRING-TYPE 2X18	F000903	GPMECAE2X18	ISO8752-2X18-ST
PIN SPRING-TYPE 2X20	F071199	GPMECAE2X20	ISO8752-2X20-ST
PIN SPRING-TYPE 2X24	F035150	GPMECAE2X24	ISO8752-2X24-ST
PIN SPRING-TYPE 2X5	F000907	GPMECAE2X5	ISO8752-2X5-ST
PIN SPRING-TYPE 2X6	F241566	GPMECAE2X6	ISO8752-2X6-ST
PIN SPRING-TYPE 2X8	F000904	GPMECAE2X8	ISO8752-2X8-ST
PIN SPRING-TYPE 3,5X12	F319853	GPMECAE3.5X12	ISO8752-3_5X12-ST
PIN SPRING-TYPE 3,5X16	F0499360	F0499360	ISO8752-3_5X16-A
PIN SPRING-TYPE 3,5X16	F0502415	F0502415	ISO8752-3_5X16-ST
PIN SPRING-TYPE 3,5X18	F057237	GPMECAE3-5X18	ISO8752-3_5X18-ST
PIN SPRING-TYPE 3X10	F000908	GPMECAE3X10	ISO8752-3X10-ST
PIN SPRING-TYPE 3X12	F000909	GPMECAE3X12	ISO8752-3X12-ST
PIN SPRING-TYPE 3X14	F031547	GPMECAE3X14	ISO8752-3X14-ST
PIN SPRING-TYPE 3X16	F000901	GPMECAE3X16	ISO8752-3X16-ST
PIN SPRING-TYPE 3X18	F033045	GPMECAE3X18	ISO8752-3X18-ST
PIN SPRING-TYPE 3X18	F0528432	F0528432	ISO8752-3X18-A
PIN SPRING-TYPE 3X20	F000912	GPMECAE3X20	ISO8752-3X20-ST
PIN SPRING-TYPE 3X20	F0472930	F0472930	ISO8752-3X20-A

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PIN SPRING-TYPE 3X22	F264747	GPMECAE3X22	ISO8752-3X22-ST
PIN SPRING-TYPE 3X24	F013945	GPMECAE3X24	ISO8752-3X24-ST
PIN SPRING-TYPE 3X26	F000905	GPMECAE3X26	ISO8752-3X26-ST
PIN SPRING-TYPE 3X28	F036069	GPMECAE3X28	ISO8752-3X28-ST
PIN SPRING-TYPE 3X30	F057350	GPMECAE3X30	ISO8752-3X30-ST
PIN SPRING-TYPE 3X50	F247766	GPMECAE3X50	ISO8752-3X50-ST
PIN SPRING-TYPE 3X6	F298694	GPMECAE3X6	ISO8752-3X6-ST
PIN SPRING-TYPE 3X8	F023645	GPMECAE3X8	ISO8752-3X8-ST
PIN SPRING-TYPE 4X10	F337452	GPMECAE4X10INOX	ISO8752-4X10-A
PIN SPRING-TYPE 4X16	F011520	GPMECAE4X16	ISO8752-4X16-ST
PIN SPRING-TYPE 4X16	F337451	GPMECAE4X16INOX	ISO8752-4X16-A
PIN SPRING-TYPE 4X18	F322991	GPMECAE4X18	ISO8752-4X18-ST
PIN SPRING-TYPE 4X20	F011700	GPMECAE4X20	ISO8752-4X20-ST
PIN SPRING-TYPE 4X22	F356756	GPMECAE4X22	ISO8752-4X22-ST
PIN SPRING-TYPE 4X24	F233084	GPMECA4X24	ISO8752-4X24-ST
PIN SPRING-TYPE 4X26	F208432	GPMECAE4X26	ISO8752-4X26-ST
PIN SPRING-TYPE 4X28	F363071	GPMECAE4X28	ISO8752-4X28-ST
PIN SPRING-TYPE 4X30	F0464230	F0464230	ISO8752-4X30-A
PIN SPRING-TYPE 4X30	F072851	GPMECAE4X30	ISO8752-4X30-ST
PIN SPRING-TYPE 4X35	F013611	GPMECAE4X35	ISO8752-4X35-ST
PIN SPRING-TYPE 4X40	F013612	GPMECAE4X40	ISO8752-4X40-ST
PIN SPRING-TYPE 4X45	F066917	GPMECAE4X45	ISO8752-4X45-ST
PIN SPRING-TYPE 5X26	F369485	GPMECAE5X26	ISO8752-5X26-ST
PIN SPRING-TYPE 5X35	F208434	GPMECAE57X35	ISO8752-5X35-ST
PIN SPRING-TYPE 5X8	F0416806	F0416806	ISO8752-5X8-ST
PIN SPRING-TYPE 6X30	F253840	GPMECAE6X30	ISO8752-6X30-ST
POP RIVET CH 2,4X4,5	F000318	P0PTAPK31BS	TAPK31BS
POP RIVET CH 2,4X6	F000315	P0PTAPK33BS	TAPK33BS
POP RIVET CH 2,4X8,5	F000316	P0PTAPK36BS	TAPK36BS
POP RIVET CH 2,8X5,5	F058099	P0PTLPK319BS	TLPK319BS
POP RIVET CH 2,8X6	F000297	P0PTLPK321BS	TLPK321BS
POP RIVET CH 3,2X10	F058100	P0PTLPK435BS	TLPK435BS
POP RIVET CH 3,2X11	F054333	P0PTAPK048BS	TAPK48BS

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POP RIVET CH 3,2X11,2	F000305	P0PTLPK440BS	TLPK440BS
POP RIVET CH 3,2X12,7	F000341	P0PTAPK410BS	TAPK410BS
POP RIVET CH 3,2X14,5	F000342	P0PTAPK412BS	TAPK412BS
POP RIVET CH 3,2X19,7	F000343	P0PTAPK418BS	TAPK418BS
POP RIVET CH 3,2X5,5	F000447	P0PTAPK042BS	TAPK42BS
POP RIVET CH 3,2X5,8	F000302	P0PTLPK419BS	TLPK419BS
POP RIVET CH 3,2X7	F000303	P0PTLPK424BS	TLPK424BS
POP RIVET CH 3,2X7,5	F000448	P0PTAPK044BS	TAPK44BS
POP RIVET CH 3,2X8,5	F000304	P0PTLPK429BS	TLPK429BS
POP RIVET CH 3,2X9	F009416	P0PTAPK046BS	TAPK46BS
POP RIVET CH 4,8X10,5	F000292	P0PTLPK636BS	TLPK636BS
POP RIVET CH 4,8X11	F009417	P0PTAPK066BS	TAPK66BS
POP RIVET CH 4,8X14	F000293	P0PTLPK650BS	TLPK650BS
POP RIVET CH 4,8X18	F000294	P0PTLPK665BS	TLPK665BS
POP RIVET CH 4,8X20,5	F000295	P0PTLPK675BS	TLPK675BS
POP RIVET CH 4,8X21	F009418	P0PTAPK617BS	TAPK617BS
POP RIVET CH 4,8X7,5	F000291	P0PTLPK624BS	TLPK624BS
POP RIVET CH 4,8X9	F029039	P0PTLPK630BS	TLPK630BS
POP RIVET CH 4X10	F000330	P0PTAPK056BS	TAPK56BS
POP RIVET CH 4X10,5	F000311	P0PTLPK537BS	TLPK537BS
POP RIVET CH 4X13,5	F000331	P0PTAPK510BS	TAPK510BS
POP RIVET CH 4X15,5	F000332	P0PTAPK512BS	TAPK512BS
POP RIVET CH 4X17	F000333	P0PTAPK514BS	TAPK514BS
POP RIVET CH 4X19	F000334	P0PTAPK516BS	TAPK516BS
POP RIVET CH 4X6,5	F000328	P0PTAPK052BS	TAPK52BS
POP RIVET CH 4X7,2	F000310	P0PTLPK524BS	TLPK524BS
POP RIVET CH 4X8,5	F000329	P0PTAPK054BS	TAPK54BS
POP RIVET CH 4X8,7	F021712	P0PTLPK530BS	TLPK530BS
POP RIVET CH 6,4X14,5	F009429	P0PTLPK850BS	TLPK850BS
POP RIVET PH 2,4X5	F000313	P0PTAPD33BS	TAPD33BS
POP RIVET PH 2,4X5,7	F292357	P0PAD32ABS	AD32ABS
POP RIVET PH 2,4X7,5	F000314	P0PTAPD36BS	TAPD36BS
POP RIVET PH 2,8X5	F363095	P0PTLPD319BS	TLPD319BS

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POP RIVET PH 2,8X5,5	F000296	P0PTLPD321BS	TLPD321BS
POP RIVET PH 3,2X10	F0415419	F0415419	TAPD408SW
POP RIVET PH 3,2X10,3	F000301	P0PTLPD440BS	TLPD440BS
POP RIVET PH 3,2X11,5	F000336	P0PTAPD410BS	TAPD410BS
POP RIVET PH 3,2X13,5	F000443	P0PTAPD412BS	TAPD412BS
POP RIVET PH 3,2X15	F304518	P0PTAPD414BS	TAPD414BS
POP RIVET PH 3,2X18,5	F000338	P0PTAPD418BS	TAPD418BS
POP RIVET PH 3,2X4,5	F000445	P0PTAPD042BS	TAPD42BS
POP RIVET PH 3,2X5	F000298	P0PTLPD419BS	TLPD419BS
POP RIVET PH 3,2X6	F000446	P0PTAPD044BS	TAPD44BS
POP RIVET PH 3,2X6,2	F000299	P0PTLPD424BS	TLPD424BS
POP RIVET PH 3,2X6,5	F030385	P0PAD42ABSLF	AD42ABSLF
POP RIVET PH 3,2X6,5	F054335	P0PAD42ABS	AD42ABS
POP RIVET PH 3,2X7,5	F000300	P0PTLPD429BS	TLPD429BS
POP RIVET PH 3,2X8	F000444	P0PTAPD046BS	TAPD46BS
POP RIVET PH 3,2X9	F012849	P0PTLPD435BS	TLPD435BS
POP RIVET PH 3,2X9	F017026	P0PTLPD435BH	TLPD435BH
POP RIVET PH 3,2X9,5	F034124	P0PAD44ABSLF	AD44ABSLF
POP RIVET PH 3,2X9,7	F237116	P0PTAPD048BS	TAPD48BS
POP RIVET PH 4,8X10	F009412	P0PTLPD639BS	TLPD639BS
POP RIVET PH 4,8X12,8	F000288	P0PTLPD650BS	TLPD650BS
POP RIVET PH 4,8X16,5	F000289	P0PTLPD665BS	TLPD665BS
POP RIVET PH 4,8X19	F000290	P0PTLPD675BS	TLPD675BS
POP RIVET PH 4,8X6,2	F000285	P0PTLPD624BS	TLPD624BS
POP RIVET PH 4,8X7,5	F021656	P0PTAPD064BS	TAPD64BS
POP RIVET PH 4,8X7,6	F322994	AD-62-ABS	AD62ABS
POP RIVET PH 4,8X7,7	F000286	P0PTLPD630BS	TLPD630BS
POP RIVET PH 4,8X9,2	F009415	P0PTAPD066BS	TAPD66BS
POP RIVET PH 4,8X9,3	F000287	P0PTLPD636BS	TLPD636BS
POP RIVET PH 4X10,3	F0530195	F0530195	TLPD540BS
POP RIVET PH 4X10,5	F000322	P0PTAPD058BS	TAPD58BS
POP RIVET PH 4X11,5	F000309	P0PTLPD545BS	TLPD545BS
POP RIVET PH 4X12,2	F000323	P0PTAPD510BS	TAPD510BS

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POP RIVET PH 4X14	F000324	P0PTAPD512BS	TAPD512BS
POP RIVET PH 4X15,7	F000325	P0PTAPD514BS	TAPD514BS
POP RIVET PH 4X17,5	F000326	P0PTAPD516BS	TAPD516BS
POP RIVET PH 4X20,2	F0422691	F0422691	TAPD520BS
POP RIVET PH 4X5	F000319	P0PTAPD052BS	TAPD52BS
POP RIVET PH 4X6,2	F000306	P0PTLPD524BS	TLPD524BS
POP RIVET PH 4X7	F000320	P0PTAPD054BS	TAPD54BS
POP RIVET PH 4X7,8	F000307	P0PTLPD530BS	TLPD530BS
POP RIVET PH 4X8,5	F000321	P0PTAPD056BS	TAPD56BS
POP RIVET PH 4X9,5	F000308	P0PTLPD537BS	TLPD537BS
POP RIVET PH 6,4X13	F009413	P0PTLPD850BS	TLPD850BS
POP RIVET PH 6,4X18	F011509	P0PTLPD870BS	TLPD870BS
RING STE 10X1	F006646	CI7100D10	C7100-A-010
RING STE 16X1	F069820	CI7100D16	CI7100-A-016
RING STE 17,5X1,1	F0527210	F0527210	MS16624-4068
RING STE 20X1,2	F061034	CI7100D20	CI7100-A-020
RING STE 47,6X1,6	F0527211	F0527211	MS16624-4187
RING STE 54,8X2	F0527212	F0527212	MS16624-4215
RING STE 5X0,6	F006642	CI7133D5	C7133-A-005
RING STE 6X0,6	F006656	CI7133D6	C7133-A-006
RING STE 6X0,7	F204347	CI7100D6	CI7100-A-006
RING STE 8X0,6	F006647	CI7133D8	C7133-A-008
RING STE 8X0,8	F213651	CI7100D8	CI7100-A-008
RING STE E TYPE 4X0,6	F006655	CI7133D4	C7133-A-004
RING STE E TYPE 7X0,6	F006648	CI7133D7	C7133-A-007
RING STI 0,866X0,042	F0523986	F0523986	MS16625-4086
RIVET CH 2,4X14	F296184	L21217024014DE	21217DE2414
RIVET CH 2,4X4	F296155	L21217024004DE	21217DE2404
RIVET CH 2,4X5	F294201	RIL21217ID2405	21217DE2405
RIVET CH 2,4X6	F294202	L21217024006DE	21217DE2406
RIVET CH 2,4X7	F284750	RIL21217ID2407	21217DE2407
RIVET CH 3,2X10	F294186	L21217032010DE	21217DE3210
RIVET CH 3,2X12	F294188	RIL21217ID3212	21217DE3212

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Designation	Article Code	Alt P/N	New P/N
RIVET CH 3,2X13	F294189	L21217032013DE	21217DE3213
RIVET CH 3,2X6	F296150	L21217032006DE	21217DE3206
RIVET CH 3,2X7	F296151	RIL21217ID3207	21217DE3207
RIVET CH 3,2X8	F294184	L21217032008DE	21217DE3208
RIVET CH 3,2X9	F294185	RIL21217ID3209	21217DE3209
RIVET CH 4X8	F296176	L21217040008DE	21217DE4008
RIVET PH 2,4X5	F284751	L21215024005DE	21215DE2405
RIVET PH 2,4X6	F294198	L21215024006DE	21215DE2406
RIVET PH 3,2X7	F294210	RIL21215ID3207	21215DE3207
RIVET PH 3,2X9	F296144	RIL21215ID3209	21215DE3209
RIVET PH 4X32	F329033	RIL2121504032DE	21215DE4032
SCREW CH CR 1/4UNJFX0,844	F0491817	F0491817	NAS517-4-6
SCREW CH CR 1/4UNJFX1	F001113	VINAS514P42816	NAS514P428-16
SCREW CH CR 1/4UNJFX1/2	F020242	VINAS514P4288	NAS514P428-8
SCREW CH CR 1/4UNJFX10/16	F001114	VINAS514P42810	NAS514P428-10
SCREW CH CR 1/4UNJFX1-1/2	F020762	VINAS514P42824	NAS514P428-24
SCREW CH CR 1/4UNJFX1-1/4	F056014	VINAS514P42820	NAS514P428-20
SCREW CH CR 1/4UNJFX1-1/8	F258447	VINAS514P42818	NAS514P428-18
SCREW CH CR 1/4UNJFX1-3/4	F252783	VINAS514P42828	NAS514P428-28
SCREW CH CR 1/4UNJFX1-3/8	F001112	VINAS514P42822	NAS514P428-22
SCREW CH CR 1/4UNJFX1-7/8	F060101	VINAS514P42830	NAS514P428-30
SCREW CH CR 1/4UNJFX2	F020915	VINAS514P42832	NAS514P428-32
SCREW CH CR 1/4UNJFX3/4	F051507	VINAS514P42812	NAS514P428-12
SCREW CH CR 1/4UNJFX6/16	F347243	VINAS514P4286	NAS514P428-6
SCREW CH CR 1/4UNJFX7/16	F0504684	F0504684	NAS514P428-7

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SCREW CH CR 1/4UNJFX7/8	F001110	VINAS514P42814	NAS514P428-14
SCREW CH CR 10UNJFX1	F087947	VINAS514P103216	NAS514P1032-16
SCREW CH CR 10UNJFX1,281	F0465806	F0465806	NAS517-3-14
SCREW CH CR 10UNJFX1/2	F000635	VINAS514P10328	NAS514P1032-8
SCREW CH CR 10UNJFX1/4	F0427133	F0427133	NAS514P1032-4
SCREW CH CR 10UNJFX10/16	F001152	VINAS514P103210	NAS514P1032-10
SCREW CH CR 10UNJFX1-1/2	F000630	VINAS514P103224	NAS514P1032-24
SCREW CH CR 10UNJFX1-1/4	F014660	VINAS514P103220	NAS514P1032-20
SCREW CH CR 10UNJFX1-1/8	F102116	VINAS514P103218	NAS514P1032-18
SCREW CH CR 10UNJFX1-3/4	F254126	VINAS514P103228	NAS514P1032-28
SCREW CH CR 10UNJFX1-3/8	F207895	VINAS514P103222	NAS514P1032-22
SCREW CH CR 10UNJFX1-5/8	F014661	VINAS514P103226	NAS514P1032-26
SCREW CH CR 10UNJFX2	F252345	VINAS514P103232	NAS514P1032-32
SCREW CH CR 10UNJFX2-1/8	F266118	VINAS514P103234	NAS514P1032-34
SCREW CH CR 10UNJFX2-3/4	F252346	VINAS514P103244	NAS514P1032-44
SCREW CH CR 10UNJFX3/4	F000633	VINAS514P103212	NAS514P1032-12
SCREW CH CR 10UNJFX5/16	F001153	VINAS514P10325	NAS514P1032-5
SCREW CH CR 10UNJFX6/16	F007161	VINAS514P10326	NAS514P1032-6
SCREW CH CR 10UNJFX7/16	F000640	VINAS514P10327	NAS514P1032-7
SCREW CH CR 10UNJFX7/8	F007137	VINAS514P103214	NAS514P1032-14
SCREW CH CR 4UNJCX1/2	F001107	VINAS514P4408	NAS514P440-8
SCREW CH CR 4UNJCX1/4	F218016	VINAS514P4404	NAS514P440-4
SCREW CH CR 4UNJCX10/16	F074529	VINAS514P44010	NAS514P440-10

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SCREW CH CR 4UNJCX3/16	F017391	VINAS514P4403	NAS514P440-3
SCREW CH CR 4UNJCX3/4	F069907	VINAS514P44012	NAS514P440-12
SCREW CH CR 4UNJCX5/16	F009546	VINAS514P4405	NAS514P440-5
SCREW CH CR 4UNJCX7/16	F056010	VINAS514P4407	NAS514P440-7
SCREW CH CR 5/16UNJFX0,969	F0484804	F0484804	NAS517-5-7
SCREW CH CR 5/16UNJFX1	F287491	VINAS514P52416	NAS514P524-16
SCREW CH CR 5/16UNJFX10/16	F347151	VINAS514P524-10	NAS514P524-10
SCREW CH CR 5/16UNJFX1-1/2	F107056	VINAS514P52424	NAS514P524-24
SCREW CH CR 5/16UNJFX1-1/4	F101706	VINAS514P52420	NAS514P524-20
SCREW CH CR 6UNJCX1	F254722	VINAS514P63216	NAS514P632-16
SCREW CH CR 6UNJCX1/2	F000631	VINAS514P6328	NAS514P632-8
SCREW CH CR 6UNJCX1/2	F260913	VINAS514P6328B	NAS514P632-8B
SCREW CH CR 6UNJCX1/4	F018641	VINAS514P6324	NAS514P632-4
SCREW CH CR 6UNJCX10/16	F001127	VINAS514P63210	NAS514P632-10
SCREW CH CR 6UNJCX1-1/4	F101194	VINAS514P63220	NAS514P632-20
SCREW CH CR 6UNJCX1-1/8	F229713	VINAS514P63218	NAS514P632-18
SCREW CH CR 6UNJCX3/16	F230583	VINAS514P6323	NAS514P632-3
SCREW CH CR 6UNJCX3/4	F025450	VINAS514P63212	NAS514P632-12
SCREW CH CR 6UNJCX5/16	F001123	VINAS514P6325	NAS514P632-5
SCREW CH CR 6UNJCX6/16	F001142	VINAS514P6326	NAS514P632-6
SCREW CH CR 6UNJCX6/16	F307913	VINAS514P6326B	NAS514P632-6B
SCREW CH CR 6UNJCX7/16	F030909	VINAS514P6327	NAS514P632-7
SCREW CH CR 6UNJCX7/16	F0427134	F0427134	NAS514P632-7P
SCREW CH CR 6UNJCX7/8	F241205	VINAS514P63214	NAS514P632-14
SCREW CH CR 8UNJCX1	F014944	VINAS514P83216	NAS514P832-16
SCREW CH CR 8UNJCX1/2	F000664	VINAS514P8328	NAS514P832-8
SCREW CH CR 8UNJCX1/4	F014485	VINAS514P8324	NAS514P832-4
SCREW CH CR 8UNJCX10/16	F000632	VINAS514P83210	NAS514P832-10

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SCREW CH CR 8UNJCX10/16	F0423648	F0423648	NAS514P832-10P
SCREW CH CR 8UNJCX1-1/2	F232340	VINAS514P83224	NAS514P832-24
SCREW CH CR 8UNJCX1-1/4	F014658	VINAS514P83220	NAS514P832-20
SCREW CH CR 8UNJCX1-1/8	F014939	VINAS514P83218	NAS514P832-18
SCREW CH CR 8UNJCX1-3/4	F014659	VINAS514P83228	NAS514P832-28
SCREW CH CR 8UNJCX1-7/8	F091726	VINAS514P83230	NAS514P832-30
SCREW CH CR 8UNJCX2	F264883	VINAS514P83232	NAS514P832-32
SCREW CH CR 8UNJCX3/16	F302559	VINAS514P8323	NAS514P832-3
SCREW CH CR 8UNJCX3/4	F000661	VINAS514P83212	NAS514P832-12
SCREW CH CR 8UNJCX5/16	F001124	VINAS514P8325	NAS514P832-5
SCREW CH CR 8UNJCX6/16	F000655	VINAS514P8326	NAS514P832-6
SCREW CH CR 8UNJCX7/16	F000636	VINAS514P8327	NAS514P832-7
SCREW CH CR 8UNJCX7/8	F001143	VINAS514P83214	NAS514P832-14
SCREW CH CR SL 1/4UNFX5/8	F294082	VIMS21093-457	MS21093-457
SCREW CH CR SL 10UNFX1	F319896	VIMS21093349	MS21093-349
SCREW CH CR SL 10UNFX3/8	F309396	VIMS21093343	MS21093-343
SCREW CH CR SL 4UNCX5/16	F310626	VIMS210930410	MS21093-0410
SCREW CH CR SL 6UNCX1	F0406598	F0406598	MS21093-0626
SCREW CH CR SL 6UNCX1/2	F292781	VIMS210930622	MS21093-0622
SCREW CH CR SL 6UNCX1/4	F286791	VIMS210930618	MS21093-0618
SCREW CH CR SL 6UNCX3/8	F317841	VIMS210930620	MS21093-0620
SCREW CH CR SL 6UNCX5/16	F285484	VIMS210930619	MS21093-0619
SCREW CH CR SL 6UNCX5/8	F334147	VIMS21093-0623	MS21093-0623

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SCREW CH CR SL 8UNCX1/2	F000571	VIMS210930834	MS21093-0834
SCREW CH CR SL 8UNCX3/8	F301471	VIMS210930832	MS21093-0832
SCREW CH CR SL 8UNCX5/16	F296114	VIMS210930831	MS21093-0831
SCREW CH CR SL 8UNCX5/8	F000572	VIMS210930835	MS21093-0835
SCREW CH HS 4UNCX0,625	F0530519	F0530519	MS24667-4Z
SCREW CH HS 8UNCX0,500	F0530497	MS24667-14ZL	MS24667-14Z
SCREW CH HS SL 8UNCX0,500	F0530494	MS24667-14Z	MS24667-14ZL
SCREW CyH HS 1/4UNRFX1,000	F0527262	F0527262	NAS1351C4-16
SCREW CyH HS 10UNRFX0,375	F0486875	F0486875	NAS1351-3-6P
SCREW CyH HS 10UNRFX0,500	F0419766	F0419766	NAS1351-3-8P
SCREW CyH HS 10UNRFX0,500	F0419769	F0419769	NAS1351C3-8
SCREW CyH HS 10UNRFX0,625	F0419768	F0419768	NAS1351C3-10
SCREW CyH HS 10UNRFX0,625	F0498713	F0498713	NAS1351-3-10P
SCREW CyH HS 10UNRFX0,750	F0419762	F0419762	NAS1351-3-12P
SCREW CyH HS 10UNRFX0,875	F0442524	F0442524	NAS1351-3-14P
SCREW CyH HS 10UNRFX1,500	F0419764	F0419764	NAS1351-3-24P
SCREW CyH HS 3/8UNRFX0,750	F0422444	F0422444	NAS1351-6-12P
SCREW CyH HS 4UNRCX0,250	F0530196	F0530196	NAS1352C04-4
SCREW CyH HS 4UNRCX0,375	F0442525	F0442525	NAS1352-04-6P
SCREW CyH HS 5/16UNRFX0,875	F0481505	F0481505	NAS1351-5-14P

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Designation	Article Code	Alt P/N	New P/N
SCREW CyH HS 6UNRCX0,375	F0530197	F0530197	NAS1352C06-6
SCREW CyH HS 8UNRCX0,375	F0419761	F0419761	NAS1352-08-6P
SCREW CyH HS 8UNRCX0,500	F0482351	F0482351	NAS1352-08-8P
SCREW CyH HS 8UNRCX0,625	F0530198	F0530198	NAS1352C08-10
SCREW CyH HS SL 10UNRFX0,875	F0435276	F0435276	NAS1351-3LB14P
SCREW HH 1/4UNFX1-1/32	F001194	VIAN410A	AN4-10A
SCREW HH 1/4UNFX1-13/32	F000624	VIAN413A	AN4-13A
SCREW HH 1/4UNFX1-13/32	F0402716	F0402716	AN4C13A
SCREW HH 1/4UNFX1-17/32	F000582	VIAN414A	AN4-14A
SCREW HH 1/4UNFX1-21/32	F001164	VIAN415A	AN4-15A
SCREW HH 1/4UNFX1-25/32	F001201	VIAN416A	AN4-16A
SCREW HH 1/4UNFX1-29/32	F001160	VIAN417A	AN4-17A
SCREW HH 1/4UNFX15/32	F000605	VIAN43A	AN4-3A
SCREW HH 1/4UNFX1-5/32	F000581	VIAN411A	AN4-11A
SCREW HH 1/4UNFX1-5/32	F030650	VIAN4C11	AN4C11
SCREW HH 1/4UNFX17/32	F012330	VIAN44A	AN4-4A
SCREW HH 1/4UNFX1-9/32	F000600	VIAN412A	AN4-12A
SCREW HH 1/4UNFX1-9/32	F0402715	F0402715	AN4C12A
SCREW HH 1/4UNFX21/32	F001192	VIAN45A	AN4-5A
SCREW HH 1/4UNFX21/32	F030649	VIAN4C5	AN4C5
SCREW HH 1/4UNFX2-1/32	F001200	VIAN420A	AN4-20A
SCREW HH 1/4UNFX2-13/32	F000602	VIAN423A	AN4-23A
SCREW HH 1/4UNFX2-17/32	F010193	VIAN424A	AN4-24A
SCREW HH 1/4UNFX2-21/32	F037582	VIAN425A	AN4-25A
SCREW HH 1/4UNFX2-25/32	F021183	VIAN426A	AN4-26A
SCREW HH 1/4UNFX2-29/32	F046585	VIAN427A	AN4-27A
SCREW HH 1/4UNFX25/32	F000610	VIAN46A	AN4-6A
SCREW HH 1/4UNFX2-5/32	F001155	VIAN421A	AN4-21A
SCREW HH 1/4UNFX29/32	F000596	VIAN47A	AN4-7A
SCREW HH 1/4UNFX2-9/32	F001159	VIAN422A	AN4-22A

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SCREW HH 1/4UNFX3-1/32	F094079	VIAN430A	AN4-30A
SCREW HH 1/4UNFX3-13/32	F014677	VIAN433	AN4-33
SCREW HH 1/4UNFX3-13/32	F037740	VIAN433A	AN4-33A
SCREW HH 1/4UNFX3-17/32	F014678	VIAN434	AN4-34
SCREW HH 1/4UNFX3-17/32	F039814	VIAN434A	AN4-34A
SCREW HH 1/4UNFX3-21/32	F030651	VIAN435A	AN4-35A
SCREW HH 1/4UNFX3-25/32	F248007	VIAN436A	AN4-36A
SCREW HH 1/4UNFX3-29/32	F0405314	F0405314	AN4-37A
SCREW HH 1/4UNFX3-5/32	F235136	VIAN431A	AN4-31A
SCREW HH 1/4UNFX3-9/32	F200061	VIAN432A	AN4-32A
SCREW HH 1/4UNFX4-1/32	F234271	VIAN440A	AN4-40A
SCREW HH 1/4UNFX4-21/32	F251570	VIAN445A	AN4-45A
SCREW HH 1/4UNFX4-9/32	F270703	VIAN442A	AN4-42A
SCREW HH 1/4UNJFX0,487	F0419864	F0419864	NAS6604-1
SCREW HH 1/4UNJFX0,620	F0484902	F0484902	NAS6204-4
SCREW HH 1/4UNJFX0,745	F0480268	F0480268	NAS6204-6
SCREW HH 1/4UNJFX0,8	F000644	VINAS13046	NAS6604-6
SCREW HH 1/4UNJFX0,987	F331857	VINAS66049	NAS6604-9
SCREW HH 1/4UNJFX1,05	F0419814	F0419814	NAS6604-10
SCREW HH 1/4UNJFX1,113	F0419815	F0419815	NAS6604-11
SCREW HH 1/4UNJFX1,175	F0419816	F0419816	NAS6604-12
SCREW HH 1/4UNJFX1,237	F0419817	F0419817	NAS6604-13
SCREW HH 1/4UNJFX1,363	F0419818	F0419818	NAS6604-15
SCREW HH 1/4UNJFX1,425	F0466553	F0466553	NAS6604-16
SCREW HH 1/4UNJFX1,613	F0419819	F0419819	NAS6604-19
SCREW HH 1/4UNJFX1,675	F0448610	F0448610	NAS6604-20
SCREW HH 1/4UNJFX1,925	F0448609	F0448609	NAS6604-24
SCREW HH 10UNFX1-1/32	F007714	VIAN310A	AN3-10A
SCREW HH 10UNFX1-13/32	F013226	VIAN313A	AN3-13A
SCREW HH 10UNFX1-17/32	F025294	VIAN314A	AN3-14A
SCREW HH 10UNFX1-17/32	F350995	VIAN3C14A	AN3C14A
SCREW HH 10UNFX1-21/32	F030647	VIAN315A	AN3-15A
SCREW HH 10UNFX1-25/32	F203580	VIAN316A	AN3-16A

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SCREW HH 10UNFX1-29/32	F321059	VIAN317A	AN3-17A
SCREW HH 10UNFX15/32	F001175	VIAN33A	AN3-3A
SCREW HH 10UNFX15/32	F014675	VIAN3C3	AN3C3
SCREW HH 10UNFX1-5/32	F033783	VIAN311A	AN3-11A
SCREW HH 10UNFX17/32	F000609	VIAN34A	AN3-4A
SCREW HH 10UNFX1-9/32	F001181	VIAN312A	AN3-12A
SCREW HH 10UNFX21/32	F000592	VIAN35A	AN3-5A
SCREW HH 10UNFX21/32	F016579	VIAN3C5A	AN3C5A
SCREW HH 10UNFX21/32	F030645	VIAN3C5	AN3C5
SCREW HH 10UNFX2-1/32	F001161	VIAN320A	AN3-20A
SCREW HH 10UNFX2-13/32	F278751	VIAN3-23A	AN3-23A
SCREW HH 10UNFX2-17/32	F001177	VIAN324A	AN3-24A
SCREW HH 10UNFX2-21/32	F204501	VIAN325A	AN3-25A
SCREW HH 10UNFX2-25/32	F267332	VIAN326A	AN3-26A
SCREW HH 10UNFX2-29/32	F204556	VIAN327A	AN3-27A
SCREW HH 10UNFX25/32	F000618	VIAN36A	AN3-6A
SCREW HH 10UNFX2-5/32	F277945	VIAN321A	AN3-21A
SCREW HH 10UNFX29/32	F014676	VIAN3C7	AN3C7
SCREW HH 10UNFX29/32	F016206	VIAN37A	AN3-7A
SCREW HH 10UNFX29/32	F016578	VIAN3C7A	AN3C7A
SCREW HH 10UNFX2-9/32	F278750	VIAN3-22A	AN3-22A
SCREW HH 10UNFX3-1/32	F208231	VIAN330A	AN3-30A
SCREW HH 10UNFX3-17/32	F321060	VIAN334A	AN3-34A
SCREW HH 10UNFX3-5/32	F267333	VIAN331A	AN3-31A
SCREW HH 10UNFX3-9/32	F210549	VIAN332A	AN3-32A
SCREW HH 10UNFX4-13/32	F278752	VIAN3-43A	AN3-43A
SCREW HH 10UNJFX0,533	F360160	VINAS6603-3	NAS6603-3
SCREW HH 10UNJFX0,783	F363975	VINAS6603-7	NAS6603-7
SCREW HH 10UNJFX1,47	F350072	VINAS6603-18	NAS6603-18
SCREW HH 10UNJFX1,595	F338792	VINAS6603-20	NAS6603-20
SCREW HH 10UNJFX2,033	F343283	VINAS6603-27	NAS6603-27
SCREW HH 10UNJFX2,157	F0445148	F0445148	NAS6603-29
SCREW HH 3/8UNFX1-29/64	F206343	VIAN613A	AN6-13A

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SCREW HH 3/8UNFX1-45/64	F0403112	F0403112	AN6-15A
SCREW HH 3/8UNFX1-61/64	F353812	VIAN617A	AN6-17A
SCREW HH 3/8UNFX2-37/64	F268697	VIAN624A	AN6-24A
SCREW HH 3/8UNFX2-5/64	F0404990	F0404990	AN6-20A
SCREW HH 3/8UNFX53/64	F083104	VIAN66A	AN6-6A
SCREW HH 3/8UNJFX1,703	F0409173	F0409173	NAS6606-18
SCREW HH 3/8UNJFX1,89	F0447506	F0447506	NAS6606-21
SCREW HH 3/8UNJFX1,953	F0459751	F0459751	NAS6706U22
SCREW HH 3/8UNJFX1,953	F286573	VINAS660622	NAS6606-22
SCREW HH 3/8UNJFX2,078	F0447507	F0447507	NAS6606-24
SCREW HH 3/8UNJFX2,14	F104328	VINAS660625	NAS6606-25
SCREW HH 3/8UNJFX2,203	F209546	VINAS660626	NAS6606-26
SCREW HH 3/8UNJFX2,453	F0483804	F0483804	NAS6606-30
SCREW HH 5/16UNFX1-11 /32	F000601	VIAN512A	AN5-12A
SCREW HH 5/16UNFX1-11 /32	F0402717	F0402717	AN5C12A
SCREW HH 5/16UNFX1-15 /32	F001157	VIAN513A	AN5-13A
SCREW HH 5/16UNFX1-19 /32	F034782	VIAN514A	AN5-14A
SCREW HH 5/16UNFX1-23 /32	F007715	VIAN515A	AN5-15A
SCREW HH 5/16UNFX1-27 /32	F024770	VIAN516A	AN5-16A
SCREW HH 5/16UNFX1-3/32	F001193	VIAN510A	AN5-10A
SCREW HH 5/16UNFX1-7/32	F016227	VIAN511A	AN5-11A
SCREW HH 5/16UNFX19/32	F023411	VIAN54A	AN5-4A
SCREW HH 5/16UNFX2-11 /32	F210686	VIAN522A	AN5-22A
SCREW HH 5/16UNFX2-15 /32	F245785	VIAN523A	AN5-23A
SCREW HH 5/16UNFX2-23 /32	F083028	VIAN525A	AN5-25A
SCREW HH 5/16UNFX23/32	F026723	VIAN55A	AN5-5A
SCREW HH 5/16UNFX2-3/32	F259128	VIAN520A	AN5-20A

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SCREW HH 5/16UNFX2-31 /32	F282118	VIAN527A	AN5-27A
SCREW HH 5/16UNFX27/32	F017928	VIAN56A	AN5-6A
SCREW HH 5/16UNFX2-7/32	F210526	VIAN521A	AN5-21A
SCREW HH 5/16UNFX31/32	F001170	VIAN57A	AN5-7A
SCREW HH 5/16UNFX31/32	F030652	VIAN57	AN5-7
SCREW HH 5/16UNFX3-11 /32	F318513	VIAN532A	AN5-32A
SCREW HH 5/16UNFX3-23 /32	F001184	VIAN535A	AN5-35A
SCREW HH 5/16UNFX3-27 /32	F374071	VIAN536A	AN5-36A
SCREW HH 5/16UNFX3-3/32	F010772	VIAN530A	AN5-30A
SCREW HH 5/16UNFX3-3/32	F095717	VIAN530	AN5-30
SCREW HH 5/16UNFX3-7/32	F001190	VIAN531A	AN5-31A
SCREW HH 5/16UNFX4-11 /32	F001191	VIAN542A	AN5-42A
SCREW HH 5/16UNJFX0,6 57	F214791	VINAS13053	NAS6605-3
SCREW HH 5/16UNJFX0,7 81	F0412315	F0412315	NAS6605-5
SCREW HH 5/16UNJFX0,8 44	F204557	VINAS13056	NAS6605-6
SCREW HH 5/16UNJFX0,9 69	F0481306	F0481306	NAS6605-8
SCREW HH 5/16UNJFX1,1 57	F0407658	F0407658	NAS6605-11
SCREW HH 5/16UNJFX1,2 19	F0419865	F0419865	NAS6605-12
SCREW HH 5/16UNJFX1,2 81	F0419821	F0419821	NAS6605-13
SCREW HH 5/16UNJFX1,4 69	F0478095	F0478095	NAS6605-16
SCREW HH 5/16UNJFX1,5 31	F0456683	F0456683	NAS6605-17
SCREW HH 5/16UNJFX1,6 57	F0412317	F0412317	NAS6605-19

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SCREW HH 5/16UNJFX1,8 44	F0490196	F0490196	NAS6605-22
SCREW HH 5/16UNJFX2,1 57	F0498285	F0498285	NAS6605-27
SCREW HH 5/16UNJFX2,4 69	F0455022	F0455022	NAS6605-32
SCREW HH CR 1/4UNJFX10/16	F270421	VINAS1801-4-10	NAS1801-4-10
SCREW HH CR 1/4UNJFX2-1/2	F360788	VINAS1801-4-40	NAS1801-4-40
SCREW HH CR 1/4UNJFX2-1/4	F360787	VINAS1801-4-36	NAS1801-4-36
SCREW HH CR 1/4UNJFX2-13/16	F360789	VINAS1801-4-45	NAS1801-4-45
SCREW HH CR 1/4UNJFX3	F360790	VINAS1801-4-48	NAS1801-4-48
SCREW HH CR 1/4UNJFX3/4	F228126	VINAS1801-4-12	NAS1801-4-12
SCREW HH CR 1/4UNJFX3-1/16	F360791	VINAS1801-4-49	NAS1801-4-49
SCREW HH CR 1/4UNJFX3-1/4	F360792	VINAS1801-4-52	NAS1801-4-52
SCREW HH CR 1/4UNJFX6/16	F0428837	F0428837	NAS1801-4-6
SCREW HH CR 1/4UNJFX7/16	F334450	VINAS1801-4-7	NAS1801-4-7
SCREW HH CR 10UNJFX1	F279950	VINAS1801-3-16	NAS1801-3-16
SCREW HH CR 10UNJFX1/2	F237093	VINAS109638	NAS1801-3-8
SCREW HH CR 10UNJFX1/4	F328560	VINAS1801-3-4	NAS1801-3-4
SCREW HH CR 10UNJFX10/16	F0401618	F0401618	NAS1802-3-10
SCREW HH CR 10UNJFX10/16	F0408617	F0408617	NAS1802-3-10P
SCREW HH CR 10UNJFX10/16	F269594	VINAS1801-3-10	NAS1801-3-10
SCREW HH CR 10UNJFX1-1/2	F0481561	F0481561	NAS1801-3-24
SCREW HH CR 10UNJFX1-1/4	F0403498	F0403498	NAS1802-3-20

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SCREW HH CR 10UNJFX1-1/4	F0414214	F0414214	NAS1802-3-20P
SCREW HH CR 10UNJFX1-1/4	F209161	VINAS1096320	NAS1801-3-20
SCREW HH CR 10UNJFX1-1/8	F037863	VINAS1096318	NAS1801-3-18
SCREW HH CR 10UNJFX1-1/8	F0467147	F0467147	NAS1802-3-18
SCREW HH CR 10UNJFX13/16	F025137	VINAS1096313	NAS1801-3-13
SCREW HH CR 10UNJFX15/16	F000646	VINAS1096315	NAS1801-3-15
SCREW HH CR 10UNJFX1-6/16	F0408621	F0408621	NAS1802-3-22P
SCREW HH CR 10UNJFX1-6/16	F0486030	F0486030	NAS1801-3-22
SCREW HH CR 10UNJFX1-9/16	F0493764	F0493764	NAS1802-3-25P
SCREW HH CR 10UNJFX2	F0468845	F0468845	NAS1802-3-32P
SCREW HH CR 10UNJFX3/4	F0410685	F0410685	NAS1802-3-12P
SCREW HH CR 10UNJFX3/4	F0507538	F0507538	NAS1802-3-12
SCREW HH CR 10UNJFX3/4	F256968	VINAS1801-3-12	NAS1801-3-12
SCREW HH CR 10UNJFX6/16	F328561	VINAS1801-3-6	NAS1801-3-6
SCREW HH CR 10UNJFX7/16	F000645	VINAS109637	NAS1802-3-7
SCREW HH CR 10UNJFX7/16	F207622	VINAS1801-3-7	NAS1801-3-7
SCREW HH CR 10UNJFX7/8	F0403636	F0403636	NAS1802-3-14
SCREW HH CR 10UNJFX9/16	F259059	VINAS1801-3-9	NAS1801-3-9
SCREW HH CR 4UNJCX11/16	F304573	VINAS1801-04-11	NAS1801-04-11
SCREW HH CR 4UNJCX3/4	F309933	VINAS1801-04-12	NAS1801-04-12
SCREW HH CR 4UNJCX6/16	F0502803	F0502803	NAS1801-04-6
SCREW HH CR 6UNJCX1/2	F287852	VINAS1801-06-8	NAS1801-06-8
SCREW HH CR 6UNJCX5/16	F201577	VINAS109615	NAS1801-06-5

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SCREW HH CR 6UNJCX7/16	F334850	VINAS1801067	NAS1801-06-7
SCREW HH CR 8UNJCX1/2	F203867	VINAS1801-08-8	NAS1801-08-8
SCREW HH CR 8UNJCX1/4	F291079	VINAS1801-08-4	NAS1801-08-4
SCREW HH CR 8UNJCX10/16	F255854	VINAS18010810	NAS1801-08-10
SCREW HH CR 8UNJCX11/16	F269596	VINAS1801-08-11	NAS1801-08-11
SCREW HH CR 8UNJCX1-1/16	F081015	VINAS1096217	NAS1801-08-17
SCREW HH CR 8UNJCX13/16	F209124	VINAS1801-08-13	NAS1801-08-13
SCREW HH CR 8UNJCX1-3/16	F081014	VINAS1096219	NAS1801-08-19
SCREW HH CR 8UNJCX15/16	F214051	VINAS1801-08-15	NAS1801-08-15
SCREW HH CR 8UNJCX3/4	F205887	VINAS1096212	NAS1801-08-12
SCREW HH CR 8UNJCX3/8	F0506802	F0506802	NAS1802-08-6
SCREW HH CR 8UNJCX5/16	F001131	VINAS109625	NAS1801-08-5
SCREW HH CR 8UNJCX6/16	F304571	VINAS1801-08-6	NAS1801-08-6
SCREW HH CR 8UNJCX7/16	F0506839	F0506839	NAS1802-08-7
SCREW HH CR 8UNJCX7/16	F343386	VINAS1801-08-7	NAS1801-08-7
SCREW HH CR 8UNJCX7/8	F209189	VINAS1096214	NAS1801-08-14
SCREW HH CR 8UNJCX9/16	F0506803	F0506803	NAS1802-08-9
SCREW HH CR 8UNJCX9/16	F316132	VINAS1801-08-9	NAS1801-08-9
SCREW HL HS 1/4-28UNFX1	F356288	VIAN565A428H16	AN565A428H16
SCREW HL HS 1/4-28UNFX5/16	F030574	VIAN565A428H5	AN565A428H5
SCREW HL HS 1/4-28UNFX5/8	F030573	VIAN565A428H10	AN565A428H10
SCREW HL HS 1/4-28UNFX7/16	F270420	VIAN565A428H7	AN565A428H7
SCREW HL HS 10-32UNFX1	F356340	VIAN565A1032H16	AN565A1032H16
SCREW HL HS 10-32UNFX1/2	F000588	VIAN565A1032H8	AN565A1032H8
SCREW HL HS 10-32UNFX1/4	F015266	VIAN565A1032H4	AN565A1032H4

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SCREW HL HS 10-32UNFX3/16	F050006	VIAN565A1032H3	AN565A1032H3
SCREW HL HS 10-32UNFX3/4	F000621	VIAN565A1032H12	AN565A1032H12
SCREW HL HS 10-32UNFX3/8	F016600	VIAN565A1032H6	AN565A1032H6
SCREW HL HS 10UNFX0,125	F030571	VIAN565B1032H2	AN565B1032H2
SCREW HL HS 10UNFX0,188	F001202	VIAN565B1032H3	AN565B1032H3
SCREW HL HS 10UNFX0,250	F014669	VIAN565B1032H4	AN565B1032H4
SCREW HL HS 4-40UNCX1/16	F318063	VIAN565A440H1	AN565A4H1
SCREW HL HS 4-40UNCX1/4	F264669	VIAN565A440H4	AN565A4H4
SCREW HL HS 4-40UNCX1/8	F061342	VIAN565A440H2	AN565A4H2
SCREW HL HS 4-40UNCX3/16	F092328	VIAN565A440H3	AN565A4H3
SCREW HL HS 4-40UNCX3/8	F001186	VIAN565A440H6	AN565A4H6
SCREW HL HS 4-40UNCX5/16	F105881	VIAN565A440H5	AN565A4H5
SCREW HL HS 4UNCX0,250	F209145	VIAN565B440	AN565B4H4
SCREW HL HS 6-32UNCX1/2	F059287	VIAN565A632H8	AN565A6H8
SCREW HL HS 6-32UNCX1/4	F030578	VIAN565A632H4	AN565A6H4
SCREW HL HS 6-32UNCX1/8	F030580	VIAN565A632H2	AN565A6H2
SCREW HL HS 6-32UNCX3/16	F030579	VIAN565A632H3	AN565A6H3
SCREW HL HS 6-32UNCX3/4	F030575	VIAN565A632H12	AN565A6H12
SCREW HL HS 6-32UNCX3/4	F298035	VIAN565AC63212	AN565AC6H12
SCREW HL HS 6-32UNCX3/8	F030576	VIAN565A632H6	AN565A6H6

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SCREW HL HS 6-32UNCX5/16	F030577	VIAN565A632H5	AN565A6H5
SCREW HL HS 6UNCX0,125	F030572	VIAN565B632H2	AN565B6H2
SCREW HL HS 6UNCX1/4	F0412997	F0412997	AN565FC6H4
SCREW HL HS 6UNCX3/16	F0419935	F0419935	AN565F6H3
SCREW HL HS 8-32UNCX1/2	F025165	VIAN565A832H8	AN565A8H8
SCREW HL HS 8-32UNCX1/4	F244395	VIAN565A832H4	AN565A8H4
SCREW HL HS 8-32UNCX3/16	F042527	VIAN565A832H3	AN565A8H3
SCREW HL HS 8-32UNCX3/4	F046400	VIAN565A832H12	AN565A8H12
SCREW HL HS 8-32UNCX5/16	F000575	VIAN565A832H5	AN565A8H5
SCREW HL HS 8-32UNCX7/16	F030662	VIAN565A832H7	AN565A8H7
SCREW HL HS 8UNCX0,250	F092329	VIAN565B832H4	AN565B8H4
SCREW HL HS 8UNCX7/16	F0419936	F0419936	AN565F8H7
SCREW PH CR 1/4UNFX1-11/32	F225289	VIMS270390421	MS27039-4-21
SCREW PH CR 1/4UNFX1-13/32	F225290	VIMS270390422	MS27039-4-22
SCREW PH CR 1/4UNFX1-15/32	F225291	VIMS270390423	MS27039-4-23
SCREW PH CR 1/4UNFX1-17/32	F001126	VINAS22224	MS27039-4-24
SCREW PH CR 1/4UNFX1-19/32	F040628	VINAS22225	MS27039-4-25
SCREW PH CR 1/4UNFX1-21/32	F000686	VINAS22226	MS27039-4-26
SCREW PH CR 1/4UNFX1-23/32	F030746	VINAS22227	MS27039-4-27
SCREW PH CR 1/4UNFX1-25/32	F211374	VINAS22228	MS27039-4-28
SCREW PH CR 1/4UNFX1-27/32	F014938	VIMS270390429	MS27039-4-29

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SCREW PH CR 1/4UNFX1-29/32	F361573	VIMS27039430	MS27039-4-30
SCREW PH CR 1/4UNFX13/32	F020684	VINAS2226	MS27039-4-06
SCREW PH CR 1/4UNFX1-3/32	F044987	VINAS22217	MS27039-4-17
SCREW PH CR 1/4UNFX1-31/32	F287229	VIMS270390431	MS27039-4-31
SCREW PH CR 1/4UNFX1-5/32	F006592	VINAS22218	MS27039-4-18
SCREW PH CR 1/4UNFX1-5/8	F030658	VIAN525416R26	AN525-416R26
SCREW PH CR 1/4UNFX1-7/32	F267876	VIMS270390419	MS27039-4-19
SCREW PH CR 1/4UNFX19/32	F000650	VINAS2229	MS27039-4-09
SCREW PH CR 1/4UNFX1-9/32	F036814	VINAS22220	MS27039-4-20
SCREW PH CR 1/4UNFX21/32	F072819	VINAS22210	MS27039-4-10
SCREW PH CR 1/4UNFX2-1/32	F023979	VINAS22232	MS27039-4-32
SCREW PH CR 1/4UNFX2-15/32	F204582	VINAS22239	MS27039-4-39
SCREW PH CR 1/4UNFX2-19/32	F020427	VINAS22241	MS27039-4-41
SCREW PH CR 1/4UNFX2-3/32	F030745	VINAS22233	MS27039-4-33
SCREW PH CR 1/4UNFX2-9/32	F225292	VIMS270390436	MS27039-4-36
SCREW PH CR 1/4UNFX31/32	F021765	VINAS22215	MS27039-4-15
SCREW PH CR 1/4UNFX5/8	F030656	VIAN525416R10	AN525-416R10
SCREW PH CR 1/4UNFX7/8	F030657	VIAN525416R14	AN525-416R14
SCREW PH CR 1/4UNFX9/16	F030585	VIAN525416R9	AN525-416R9
SCREW PH CR 10UNFX1	F023289	VIAN5251032R16	AN525-10R16
SCREW PH CR 10UNFX1/2	F000626	VIAN5251032R8	AN525-10R8

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SCREW PH CR 10UNFX1/4	F344752	VIAN5251032R4	AN525-10R4
SCREW PH CR 10UNFX11/16	F228381	VIAN5251032R11	AN525-10R11
SCREW PH CR 10UNFX11/32	F344463	VIMS27039-1-05	MS27039-1-05
SCREW PH CR 10UNFX1-1/32	F225285	VIMS270390116	MS27039-1-16
SCREW PH CR 10UNFX1-11/32	F225287	VIMS270390121	MS27039-1-21
SCREW PH CR 10UNFX1-13/32	F225288	VIMS270390122	MS27039-1-22
SCREW PH CR 10UNFX1-21/32	F000642	VINAS22126	MS27039-1-26
SCREW PH CR 10UNFX1-25/32	F000665	VINAS22128	MS27039-1-28
SCREW PH CR 10UNFX1-27/32	F001135	VINAS22129	MS27039-1-29
SCREW PH CR 10UNFX1-29/32	F201952	VIMS27039130	MS27039-1-30
SCREW PH CR 10UNFX13/32	F344464	VIMS27039-1-06	MS27039-1-06
SCREW PH CR 10UNFX1-3/8	F034807	VIAN5251032R22	AN525-10R22
SCREW PH CR 10UNFX15/32	F287228	VIMS270390107	MS27039-1-07
SCREW PH CR 10UNFX1-5/32	F225286	VIMS270390118	MS27039-1-18
SCREW PH CR 10UNFX17/32	F037184	VINAS2218	MS27039-1-08
SCREW PH CR 10UNFX1-7/32	F316368	VIMS27039119	MS27039-1-19
SCREW PH CR 10UNFX19/32	F371297	VIMS27039-1-09	MS27039-1-09
SCREW PH CR 10UNFX21/32	F086749	VINAS22110	MS27039-1-10
SCREW PH CR 10UNFX23/32	F278211	VIMS27039111	MS27039-1-11
SCREW PH CR 10UNFX25/32	F344465	VIMS27039-1-12	MS27039-1-12

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SCREW PH CR 10UNFX2-5/32	F342393	VIMS27039-1-34	MS27039-1-34
SCREW PH CR 10UNFX27/32	F036915	VINAS22113	MS27039-1-13
SCREW PH CR 10UNFX29/32	F051529	VINAS22114	MS27039-1-14
SCREW PH CR 10UNFX3/4	F013573	VIAN5251032R12	AN525-10R12
SCREW PH CR 10UNFX3/8	F000612	VIAN5251032R6	AN525-10R6
SCREW PH CR 10UNFX5/8	F032437	VIAN5251032R10	AN525-10R10
SCREW PH CR 10UNFX7/16	F001185	VIAN5251032R7	AN525-10R7
SCREW PH CR 10UNFX7/8	F022243	VIAN5251032R14	AN525-10R14
SCREW PH CR 10UNFX9/32	F018741	VINAS2214	MS27039-1-04
SCREW PH CR 10UNJFX2,338	F0419863	F0419863	NAS623-3-33
SCREW PH CR 5/16UNFX2-7/64	F001145	VINAS22333	MS27039-5-33
SCREW PH CR 5/16UNFX59/64	F031549	VINAS22314	MS27039-5-14
SCREW PH CR 8UNCX1	F215776	VIAN525832R16	AN525-832R16
SCREW PH CR 8UNCX1/2	F034800	VIAN525832R8	AN525-832R8
SCREW PH CR 8UNCX11/16	F279753	VIAN525832R11	AN525-832R11
SCREW PH CR 8UNCX1-1/2	F261494	VIAN525832R24	AN525-832R24
SCREW PH CR 8UNCX11/32	F000663	VINAS2205	MS27039-0805
SCREW PH CR 8UNCX1-1/32	F225282	VIMS270390816	MS27039-0816
SCREW PH CR 8UNCX1-13/32	F106827	VINAS22022	MS27039-0822
SCREW PH CR 8UNCX1-19/32	F022462	VINAS22025	MS27039-0825
SCREW PH CR 8UNCX1-23/32	F367101	VIMS270390827	MS27039-0827
SCREW PH CR 8UNCX1-25/32	F014655	VINAS22028	MS27039-0828
SCREW PH CR 8UNCX1-27/32	F095855	VINAS22029	MS27039-0829
SCREW PH CR 8UNCX13/32	F208586	VIMS270390806	MS27039-0806

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SCREW PH CR 8UNCX1-3/4	F310938	VIAN525832R28	AN525-832R28
SCREW PH CR 8UNCX1-3/8	F277637	VIAN525832R22	AN525-832R22
SCREW PH CR 8UNCX15/32	F006597	VINAS2207	MS27039-0807
SCREW PH CR 8UNCX1-5/32	F215794	VIMS270390818	MS27039-0818
SCREW PH CR 8UNCX1-5/8	F0502295	F0502295	AN525-832R26
SCREW PH CR 8UNCX17/32	F021207	VINAS2208	MS27039-0808
SCREW PH CR 8UNCX1-7/32	F225283	VIMS270390819	MS27039-0819
SCREW PH CR 8UNCX19/32	F044039	VINAS2209	MS27039-0809
SCREW PH CR 8UNCX1-9/32	F225284	VIMS270390820	MS27039-0820
SCREW PH CR 8UNCX21/32	F208870	VIMS270390810	MS27039-0810
SCREW PH CR 8UNCX2-1/32	F045631	VINAS22032	MS27039-0832
SCREW PH CR 8UNCX2-11/32	F311215	VIMS270390837	MS27039-0837
SCREW PH CR 8UNCX2-13/32	F014940	VINAS22038	MS27039-0838
SCREW PH CR 8UNCX23/32	F201904	VIMS270390811	MS27039-0811
SCREW PH CR 8UNCX25/32	F225280	VIMS270390812	MS27039-0812
SCREW PH CR 8UNCX2-5/32	F302495	VINAS22034	MS27039-0834
SCREW PH CR 8UNCX29/32	F215795	VIMS270390814	MS27039-0814
SCREW PH CR 8UNCX3/4	F268713	VIAN525832R12	AN525-832R12
SCREW PH CR 8UNCX3/8	F000611	VIAN525832R6	AN525-832R6
SCREW PH CR 8UNCX31/32	F225281	VIMS270390815	MS27039-0815
SCREW PH CR 8UNCX5/8	F016401	VIAN525832R10	AN525-832R10
SCREW PH CR 8UNCX7/16	F000622	VIAN525832R7	AN525-832R7
SCREW PH CR 8UNCX7/8	F268891	VIAN525832R14	AN525-832R14
SCREW PH CR 8UNCX9/16	F034783	VIAN525832R9	AN525-832R9
SCREW PH CR 8UNCX9/32	F092704	VINAS2204	MS27039-0804
SCREW PH CR SL 2UNCX3/4	F320883	VIMS210900208	MS21090-0208
SCREW PH CR SL 2UNCX5/16	F0484803	F0484803	MS21090-0203

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SCREW PH HR 10UNFX1/2	F0514508	F0514508	AES18K190500DG5DQ1
SCREW PH HR 6UNCX1/2	F0526037	F0526037	AES18U138500DG5CL1
SCREW PH HR 6UNCX3/16	F0526038	F0526038	AES18U138188DG5CL1
SCREW PH HR 6UNCX3/8	F0526039	F0526039	AES18U138375DG5CL1
SCREW PH HR 8UNCX1	F0515665	F0515665	AES18U164A00DG5CL1
SCREW PH SR 1/4UNFX5/8	F030655	VIAN52541610	AN525-416-10
SCREW PH SR 1/4UNFX9/16	F017774	VIAN5254169	AN525-416-9
SCREW PH SR 10UNFX1	F034809	VIAN525103216	AN525-10-16
SCREW PH SR 10UNFX9/16	F034693	VIAN52510329	AN525-10-9
SCREW PH SR 8UNCX1/2	F034739	VIAN5258328	AN525-832-8
SCREW PH SR 8UNCX3/4	F034810	VIAN52583212	AN525-832-12
SCREW PH SR 8UNCX5/8	F034811	VIAN52583210	AN525-832-10
SCREW PH SR 8UNCX7/8	F034711	VIAN52583214	AN525-832-14
SCREW WH CR 10UNJFX0,31	F0480718	F0480718	NAS8303-5
SCREW WH CR 10UNJFX0,38	F0452463	F0452463	NAS8303-6
SCREW WH CR 10UNJFX0,50	F0452464	F0452464	NAS8303-8
SCREW FHCM4X15	F001372	VIDIN7991M4x15	VIDIN79914X15
SCREW VIDIN9138NCX1/4	F091727	VIDIN9138NCX1/4	355093ASMEB18-3 (F355093)
SCREW NAS220-18	F000641	NAS220-18	MS27039-0818 or TB EC 8UNCX1-5/32 (F215794)
SCREW PH CR SL 6UNCX0.375	F000569	VIMS210900622	MS21090-0622
SHANK 1/4T PH HR 6X14	F0526155	F0526155	D8-316-214-191
SPACER 12X5X26	F0530521	NAS5527-03-17	NSA5527-03-17
SPACER 6,6X4,2X2	F0527225	F0527225	NAS61-08A-008
WASHER F 14,3X8,3X0,8	F000771	R0AN960516L	NAS1149F0532P
WASHER F 11,1X3,6X0,4	F0419722	F0419722	NAS1149DN516J
WASHER F 11,1X3,6X0,4	F374048	R0AN9605L	NAS1149FN516P
WASHER F 11,1X3,6X0,8	F0482528	F0482528	NAS1149FN532P
WASHER F 11,1X5,2X0,4	F000763	R0AN960PD10L	NAS1149D0316K

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WASHER F 11,1X5,2X0,4	F0419699	F0419699	NAS1149D0316J
WASHER F 11,1X5,2X0,4	F0515274	F0515274	NAS1149C0316R
WASHER F 11,1X5,2X0,4	F275457	R0NAS1149D0316H	NAS1149D0316H
WASHER F 11,1X5,2X0,4	F287539	R0NAS1149F0316P	NAS1149F0316P
WASHER F 11,1X5,2X0,8	F000761	R0AN96010L	NAS1149F0332P
WASHER F 11,1X5,2X0,8	F032730	R0AN960C10L	NAS1149C0332R
WASHER F 11,1X5,2X0,8	F0419713	F0419713	NAS1149D0332J
WASHER F 11,1X5,2X1,6	F001092	R0AN96010	NAS1149F0363P
WASHER F 11,1X5,2X1,6	F001095	R0AN960C10	NAS1149C0363R
WASHER F 11,1X5,2X1,6	F007123	R0AN960PD10	NAS1149D0363J
WASHER F 11,1X5,2X1,6	F360161	R0AN960G10	NAS1149G0363P
WASHER F 12,7X4,8X1,2	F314599	R0NAS1149FN949P	NAS1149FN949P
WASHER F 12,7X6,7X0,4	F000765	R0AN960D416L	NAS1149D0416H
WASHER F 12,7X6,7X0,4	F0419715	F0419715	NAS1149D0416J
WASHER F 12,7X6,7X0,4	F0419734	F0419734	NAS1149F0416P
WASHER F 12,7X6,7X0,4	F207896	R0AN960PD416L	NAS1149D0416K
WASHER F 12,7X6,7X0,4	F334449	R0NAS1149G0416P	NAS1149G0416P
WASHER F 12,7X6,7X0,8	F000764	R0AN960416L	NAS1149F0432P
WASHER F 12,7X6,7X0,8	F0419716	F0419716	NAS1149D0432J
WASHER F 12,7X6,7X0,8	F0443608	F0443608	NAS1149C0432R
WASHER F 12,7X6,7X1,6	F001094	R0AN960416	NAS1149F0463P
WASHER F 12,7X6,7X1,6	F021204	R0AN960C416	NAS1149C0463R
WASHER F 12,7X6,7X1,6	F030624	R0AN960PD416	NAS1149D0463K
WASHER F 14,3X8,3X0,4	F000768	R0AN960PD516L	NAS1149D0516K
WASHER F 14,3X8,3X0,4	F0419717	F0419717	NAS1149D0516J
WASHER F 14,3X8,3X0,4	F0419736	F0419736	NAS1149F0516P
WASHER F 14,3X8,3X0,8	F0443206	F0443206	NAS1149C0532R
WASHER F 14,3X8,3X0,8	F294129	R0NAS1149G0532P	NAS1149G0532P
WASHER F 14,3X8,3X1,6	F001093	R0AN960516	NAS1149F0563P
WASHER F 14,3X8,3X1,6	F030519	R0AN960PD516	NAS1149D0563K
WASHER F 14,3X8,3X1,6	F0419718	F0419718	NAS1149D0563J
WASHER F 15,9X9,9X0,4	F297269	R0NAS1149G0616P	NAS1149G0616P

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WASHER F 15,9X9,9X0,8	F010244	R0AN960616L	NAS1149F0632P
WASHER F 15,9X9,9X1,6	F027463	R0AN960616	NAS1149F0663P
WASHER F 15,9X9,9X1,6	F318335	R0AN960C616	NAS1149C0663R
WASHER F 15,9X9,9X1,6	F353813	R0NAS1149D0663K	NAS1149D0663K
WASHER F 19,1X11,5X0,8	F000767	R0AN960716L	NAS1149F0732P
WASHER F 19,1X11,5X1,6	F030518	R0AN960716	NAS1149F0763P
WASHER F 22,2X13,1X0,8	F030081	R0AN960816L	NAS1149F0832P
WASHER F 22,2X13,1X1,6	F0419719	F0419719	NAS1149D0863J
WASHER F 22,2X13,1X1,6	F304245	R0NAS1149GO863P	NAS1149G0863P
WASHER F 22,2X5,2X1,6	F315670	R0AN9703	AN970-3
WASHER F 27X14,7X0,8	F204931	R0AN960916L	NAS1149F0932P
WASHER F 27X14,7X1,6	F013219	R0AN960916	NAS1149F0963P
WASHER F 27X14,7X1,6	F0498605	F0498605	NAS1149C0963R
WASHER F 28,6X6,7X1,6	F018989	R0AN9704	AN970-4
WASHER F 30,2X16,3X1,6	F010155	R0AN9601016	NAS1149F1063P
WASHER F 41,3X9,9X1,6	F0482692	F0482692	AN970-6
WASHER F 6,4X2,7X0,4	F030523	R0AN960C3L	NAS1149CN316R
WASHER F 6,4X2,7X0,4	F0419720	F0419720	NAS1149DN316J
WASHER F 6,4X2,7X0,8	F000772	R0AN9603	NAS1149FN332P
WASHER F 7,9X3,2X0,4	F001090	R0AN9604L	NAS1149FN416P
WASHER F 7,9X3,2X0,4	F030521	R0AN960PD4L	NAS1149DN416K
WASHER F 7,9X3,2X0,4	F0419721	F0419721	NAS1149DN416J
WASHER F 7,9X3,2X0,8	F030522	R0AN9604	NAS1149FN432P
WASHER F 9,5X3,8X0,4	F000770	R0AN9606L	NAS1149FN616P
WASHER F 9,5X3,8X0,4	F007122	R0AN960PD6L	NAS1149DN616K
WASHER F 9,5X3,8X0,4	F0419723	F0419723	NAS1149DN616J
WASHER F 9,5X3,8X0,4	F318287	AN960-C6L	NAS1149CN616R
WASHER F 9,5X3,8X0,8	F000769	R0AN9606	NAS1149FN632P
WASHER F 9,5X3,8X0,8	F237095	R0AN960C6	NAS1149CN632R
WASHER F 9,5X3,8X0,8	F254816	R0AN960B6	NAS1149BN632H
WASHER F 9,5X3,8X0,8	F286421	R0NAS1149GN632P	NAS1149GN632P
WASHER F 9,5X4,4X0,4	F000762	R0AN960PD8L	NAS1149DN816K

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Designation	Article Code	Alt P/N	New P/N
WASHER F 9,5X4,4X0,4	F001091	R0AN9608L	NAS1149FN816P
WASHER F 9,5X4,4X0,4	F0419724	F0419724	NAS1149DN816J
WASHER F 9,5X4,4X0,4	F259133	R0AN960D8L	NAS1149DN816H
WASHER F 9,5X4,4X0,4	F344450	R0AN960C8L	NAS1149CN816R
WASHER F 9,5X4,4X0,4	F360793	R0NAS1149GN816P	NAS1149GN816P
WASHER F 9,5X4,4X0,8	F000773	R0AN9608	NAS1149FN832P
WASHER F 9,5X4,4X0,8	F0419725	F0419725	NAS1149DN832J
WASHER F 9,5X4,4X0,8	F239185	R0AN960C8	NAS1149CN832R
WASHER F 9,5X4,4X0,8	F351005	R0NAS1149GN832P	NAS1149GN832P
WASHER LS 12,4X6,4X1,6	F207695	R0AN935416	MS35338-44
WASHER LS 5,3X2,9X0,6	F369988	R0MS35338-40	MS35338-40
WASHER LS 7,4X4,2X1	F259131	R0MS35338-42	MS35338-42
WASHER LS 8,5X4,9X1,2	F259132	R0MS35338-43	MS35338-43
WASHER	F0420303	WA5499-281-300	NAS1070-416
WIRE THR. AF 8-32UNCX6,2	F0495296	F0495296	NAS1130-08L15
PELLICULAGE 100X65 TRANSPARENT	F261378	PDFILMPP100X65	AE404
EMBASE LKCR NATUREL	F229268	EELKCRNATUREL LKCRNATUREL	151-27401
BUTEE RADIAFLEX or STOP	F288558	QU511296 or 511296	QU15DANA16M5B20
BUSHING 1-11-04-01-200	F227760	1-11-04-01-200	62-1-0017 (F247140)
TIE WRAP	F212218	PLT4S-M	C0PLT4S-M
TIE WRAP	F212217	PLT2I-M	C0PLT2I-M
TIE WRAP	F272500	PLT3I-M	C0PLT3I-M
TIE WRAP	F212216	PLT1M-M	C0PLT1M-M
BUTEE ARMORTISSEUR or STOP	F032913	BUDTN4	DTN4
LATCH	F007524	QU2144L or 2144L	QU2144L/NIC
WASHER MU 3,25X8X0,8 ZN	F006785	R0MU3	NAS1149DN432H or F0600239

M. Reparable information

The parts detailed in the IPL are reparable at the Safran Seats France Repair Station (except standard parts).

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VENDOR'S CODE INDEX

VENDOR CODE	NAME ADDRESS
35FB9	AMSAFE INC. DBA AMSAFE AVIATION 1043 NORTH 47TH AVE 85043-1817 PHOENIX USA AZ
72962	HARVARD INDUSTRIES INC 3 WERNER WAY 8833 LEBANON USA NJ
80205	NATIONAL AEROSPACE STANDARDS COMMITTEE AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA INC Not for RFQ or sollicitation use 1000 WILSON BLVD SUITE 1700 22209 ARLINGTON USA VA
96906	MILITARY STANDARDS PROMULGATED BY MILITARY DEPARTMENTS UNDER AUTHORITY OF DEFENSE STANDARDIZATION MANUAL 4120 3-M
A0774	ELESA SPA VIA POMPEI 29 20052 MONZA ITALY
F0465	SAFRAN SEATS (SAFRAN SEATS FRANCE) PRODUCT SUPPORT RUE ROBERT MARECHAL SENIOR Z.I. La Limoise 36100 ISSOUDUN TEL : +33 (0) 2 54 03 39 39 FAX : +33 (0) 2 54 03 39 00 www.safran-seats.com

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ALPHA NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
00-3233		1	50	1
00-3248		7	61	1
00-3249		1	55	1
00-3250		1	60	1
00-5008		1	65	1 RPD
1-218-60M10		4A	- 5	1
10-0236-1		8	- 65	0
			135	1
133010-1		8	- 10	2 RPD
			85	2 NP
133010-3		8	- 30	0
			110	1
133010-31		8	- 50	0
			120	1 NP
133010-32		8	- 55	0
			125	1 NP
133010-33		8	- 60	0
			130	1
133010-34		8	- 70	0
			140	1
133100-03		7	70	1
133500-012		8	165	1
			195	1
133500-013		8	- 170	1
			- 200	1
133500-03		8	215	1
133500-04		8	210	1
133500-09E		4A	65	1
133500-18		4A	180	1
			85	1
133500-19		4	80	1
133500-20		4	95	2
133500-25		5	90	1
133500-26		5	85	1
		5A	15	1
133500-27		4A	- 265	1 RPD
			195	2
			70	2
133500-29		2	60	2
133500V1-44		4A	105	1
133613-1		5	5	1
133613-2		5	- 5A	1
133614-1		5	- 15	1 RPD
133614-1H034		5	15B	1
133614-2		5	- 15A	1 RPD
133614-2H034		5	- 15C	1
159230		7	50	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
168-01		1	- 5	1 NP
		2	- 1	RF
168-02		1	15	1 NP
		4	- 1	RF
168-03		1	20	1 NP
		4A	- 1	RF
168-04		1	30	1 NP
		6	- 1	RF
168-05		1	35	1 NP
		7	- 1	RF
168-06		1	40	1 NP
		8	- 1	RF
168-07		1	45	1 NP
		9	- 1	RF
168-08		1	- 5A	1 NP
		2	- 1A	RF
168-09		1	10	1 NP
		3	- 1	RF
168-10		1	- 5B	1 NP
		2	- 1B	RF
168-11		1	- 5C	1 NP
		2	- 1C	RF
16800-00-00		1	- 1A	RF
16800-01-00		1	- 1	RF
16800-01-01		1	- 1B	RF
16800-01-02		1	- 1C	RF
16800-01-03		1	- 1D	RF
168000EC122		4A	115	2
			145	4
			225	1
168000EC124		2	45	1
		4A	245	1
			55	1
168000EC67		2	- 20	6 RPD
			20A	6
168000R0-123		4A	120	2
			150	4
			230	2
168000R0-125		4A	- 215	3 RPD
			- 40	2 RPD
168000R0-126		4A	255	2
		7	35	4
168000V1-102		9	- 110	2 RPD
168000V1-102P40		9	110A	2
168000V1-117		7	20	1
168000V1-44		6	10	2
168000V1-51		4A	- 20	2 RPD

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
			220	1
168000V1-54		4A	- 25	1 RPD
168000V1-65		2	- 55	2 RPD
168000V1-73		2	10	4
168000V1-75		4	85	3
		4A	140	2
		6	15	2
		7	30	4
168000V1-82		4	- 65	2 RPD
			130	2
168000V1-86		4A	125A	2
			165	2
168000V1-95		4A	- 205	1 RPD
168000V1-98		4A	235	1
168000V1118		4A	- 250	1 RPD
168000V1118		7	25B	1
168080		8	5	1
168080-2		8	- 20	1 RPD
168080-4		8	- 15	1 RPD
			95	1 NP
168090		8	- 5A	0
			80	1
168110-01-0		3	5	1
168110-10-1		3	- 10A	1 RPD
168110-10-1H034		3	10C	1
168110-12-0		3	25	1
168110-13-0		3	60	2
168110-20-2		3	- 10	1 RPD
168110-20-2H034		3	10B	1
168110-30-1		3	- 15	1 RPD
168110-40-1		3	- 20	1 RPD
168200		4	- 5	1 RPD
168200-01		4	- 15	1 RPD
168200-10		4	- 10	1 RPD
168200-3		4A	135	1
168200-4		4A	90	1
168200-5		4	25	1
168200-6		4	30	2
168200-8		4	105	2
168201		4	- 5A	1
168300		6	- 5	1 RPD
168400		9	- 5	1 RPD
168400-1		9	15	1
168400-10		9	- 10	1 RPD
168400-10P40		9	10A	1
168400-16		9	- 20B	1 RPD
168400-16P40		9	- 22	0

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
			20C	1
168400-2		9	75	1
168400-22		9	50	1 NP
168400-23		9	55	1 NP
168400-33		9	70	2
168400-7		9	- 20	1 RPD
168400-7P40		9	20A	1
168400H034		9	- 5C	1
168400P40		9	- 5A	1
168401-20-1		9	- 40	1
168401-20-2		9	- 40A	1
168401-21		9	45	1 NP
168500-1		4	- 70A	1
168500-11		2	15	4
168500-12		4A	210	1
168500-13		4A	240	1
168500-14		4A	265A	1
		7	40	1
168500-16		4A	15	1
168500-17		4A	- 35	1 RPD
168500-21		4A	80	1
168500-24		3	- 70	2 RPD
		5	- 70	0
		5A	- 20	0
168500-26		8	- 160A	0
			190	1 NP
168500-27		8	160	1 NP
168500-28		8	- 150A	0
			180	1
168500-29		8	150	1
168500-30		4A	95	1
168500-35		4A	130	1
168500-37		4	125	2
			60	2
168500-38		4	120	2
			55	2
168500-4		4A	170	1
168500-40		2	25	2
168500-41		9	105	2
168500-42		3	65	2
		9	100	2
168500-5		4	70	1
168500-6		9	- 21	2
168500-71		4A	190	1
168500-8		4A	175	1
168500-9		4A	10	2
			185	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
168600-0		5A	- 10	1 RPD
168600-0H034		5A	10A	1
168600-4		5A	5	1
168600-5		1	- 25B	1 NP
		5A	- 1	RF
168610-1		1	25	1 NP
		5	1	RF
168610-10		5	- 65	1 RPD
168610-10H034		5	65A	1
168610-15		5	30	1 NP
168610-2		1	25A	1 NP
		5	- 1A	RF
168610-3		5	- 20	1
168610-4		5	25	1 NP
168610-6		5	- 35	1
168610-7		5	50	1
168610-8		5	60	1
168610V1-9		5	80	1
168670-1		5	- 10	1 RPD
168670-1H158		5	10B	1
168670-2		5	- 10A	1 RPD
168670-2H158		5	- 10C	1
168700		2	- 70	1 NP
168700-10		2	75	1
168700-20		2	80	1
168700-21		2	- 80C	1
168701		2	- 70A	1 NP
168701-10		2	- 75A	1
168701-20		2	- 80A	1
168702		2	- 70B	1 NP
168702-20		2	- 80B	1
168705		2	- 70C	1 NP
168710		2	- 85	1 NP
168710-10		2	90	1
168710-20		2	95	1
168710-21		2	- 95C	1
168711		2	- 85A	1 NP
168711-10		2	- 90A	1
168711-20		2	- 95A	1
168712		2	- 85B	1 NP
168712-20		2	- 95B	1
168715		2	- 85C	1 NP
168730		2	- 100	1 NP
168730-10		2	105	1
168730-20		2	110	1
168730-21		2	- 110C	1
168731		2	- 100A	1 NP

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
168731-10		2	- 105A	1
168731-20		2	- 110A	1
168732		2	- 100B	1 NP
168732-20		2	- 110B	1
168735		2	- 100C	1 NP
168820		7	5	1
168830-10		7	- 15	1 RPD
168830-10P40		7	- 15A	1
168830-20		7	16	1 NP
168840		7	- 60	1 RPD
168841		7	60A	1
168900-2		2	30	1
279-10-500-27		4A	155	2
355002ASMEB18-3		2	35A	1
355041ASMEB18-3		8	- 45A	0
			115A	3
355056ASMEB18-3		8	- 12A	7 RPD
			- 35A	0
			- 90A	6 RPD
4762M10X25-12-9		4A	- 30	1 RPD
50-000500-062-0		3	50	4
5017-1-021-2251		2	5	1
AACR016-145A		6	- 35A	AR
		7	55A	AR
		9	- 85A	AR
AACR050-145A		4	20A	AR
		6	30A	AR
		9	90A	AR
			95A	AR
AAVEL16-145A		7	65A	AR
AE404		1	70	1 RPD
			70A	2
BLC4R13NW		8	155	2
			185	2
C0H3P		4A	- 166	1
C7133A004		4A	200A	2
			75A	2
C7133A008		4	100	4
CHC1-4NFX1		2	- 35	1 RPD
CI7000D14		8	- 75	0
			145	1
CI7131D4		4A	- 200	2 RPD
			- 75	2 RPD
F0407758		9	- 5B	1 RPD
F0435524		2	55A	2
F0447484		4A	205A	1
F0448294		4A	20A	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
F0448338		4A	215A	3
			40A	2
F0451246		3	- 15A	1 RPD
F0457921		4A	250A	1
F0457922		3	30B	20
		4A	- 125	2 RPD
F0457923		4A	25A	1
F0462512		6	5A	1
F0468231		4	15A	1
F0498589		3	15B	1
F0498792		3	70A	2
		5	- 70A	0
		5A	- 20A	0
F0504091		8	15A	1
F0504092		8	10A	2
F0504109		8	20A	1
F0504120		4	10A	1
F0504241		4A	35A	1
F0504243		3	20A	1
F0510110		3	75	2
		5	- 100	0
		5A	- 25	0
F0516612		4	65A	2
F0524071		8	- 35B	0
			12B	7
			90B	6
F0554720		1	65A	2
F0621604		2	- 102	1 NP
			- 72	1 NP
			- 86	1 NP
F22NTM02		4A	260	1
		7	45	2
F22NTM82		3	40	20
		4	90	3
		4A	60	2
		6	25	2
F300656		4	- 25A	0
FHC1-4NFX1-2		8	- 115	3 RPD
			- 45	0
FHC1-4NFX3-4		8	- 12	7 RPD
			- 35	0
			- 90	6 RPD
GPREF501-5X10		8	- 175	2 RPD
			- 205	2 RPD
GPREF501-5X28		8	175A	1
			205A	1
GPV1X12AC		4A	160	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
HL5/1624UNFX25		3	12	2
		5	- 110	0
		5A	- 30	0
ISO8752-2_5X10ST		5	40A	2
ISO8752-2_5X12ST		5	- 40	2 RPD
ISO8752-2_5X18ST		5	55	1
ISO8752-2_5X8ST		5	42	1
ISO8752-2X6ST		9	60	2
ISO8752-2X8ST		3	45	2
MS27039-01-21		7	- 25	0
MS27039-1-21		7	- 25A	1 RPD
NAS1149F0332P		2	50	2
		4	110	2
			35	2
		7	- 35A	4 RPD
NAS1149F0363P		9	35	2
NAS1149F0432P		2	40	1
NAS1149F0663P		4	45	2
NAS1149FN816P		3	35	20
		4A	50	4
		6	20	4
NAS517-2-26		3	- 30	20 RPD
NAS517-2-6		3	- 30A	20 RPD
NAS602-5		5	75	3
		7	- 30A	4 RPD
		9	25	2
NAS603-11		7	- 20A	1 RPD
NAS603-5		4	115	2
NAS603-6		9	30	2
NAS603-9		4	40	2
NAS679A6		4	50	2
QUDIN47140X17		8	- 40	0
QUDIN47140X175		8	105	4
			40A	4
QULBCR252LS		8	100	2
			25	2
QUP2-41		4	31	1
		7	66	1
R018X10-5X1-5NY		4A	110	2
			45	1
		5	95	1
R0LU6		2	65	4
		4A	100	2
RITY8P2N0IR		7	10	11
RITY8P2NATUREL		4A	- 167	1
RSNA8510620		9	65	1
RSNA8528125		5	45	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQUIRED
TAPD33BS		9	80	2
TAPD36BS		3	55	6
VE0845730308205		4	75	1
VELCR016-145A		6	- 35	AR RPD
		7	- 55	AR RPD
		9	- 85	AR RPD
VELCR050-145A		4	- 20	AR RPD
		6	- 30	AR RPD
		9	- 90	AR RPD
			- 95	AR RPD
VELVEL16-145A		7	- 65	AR RPD
VIDIN91210X25		4A	30A	1

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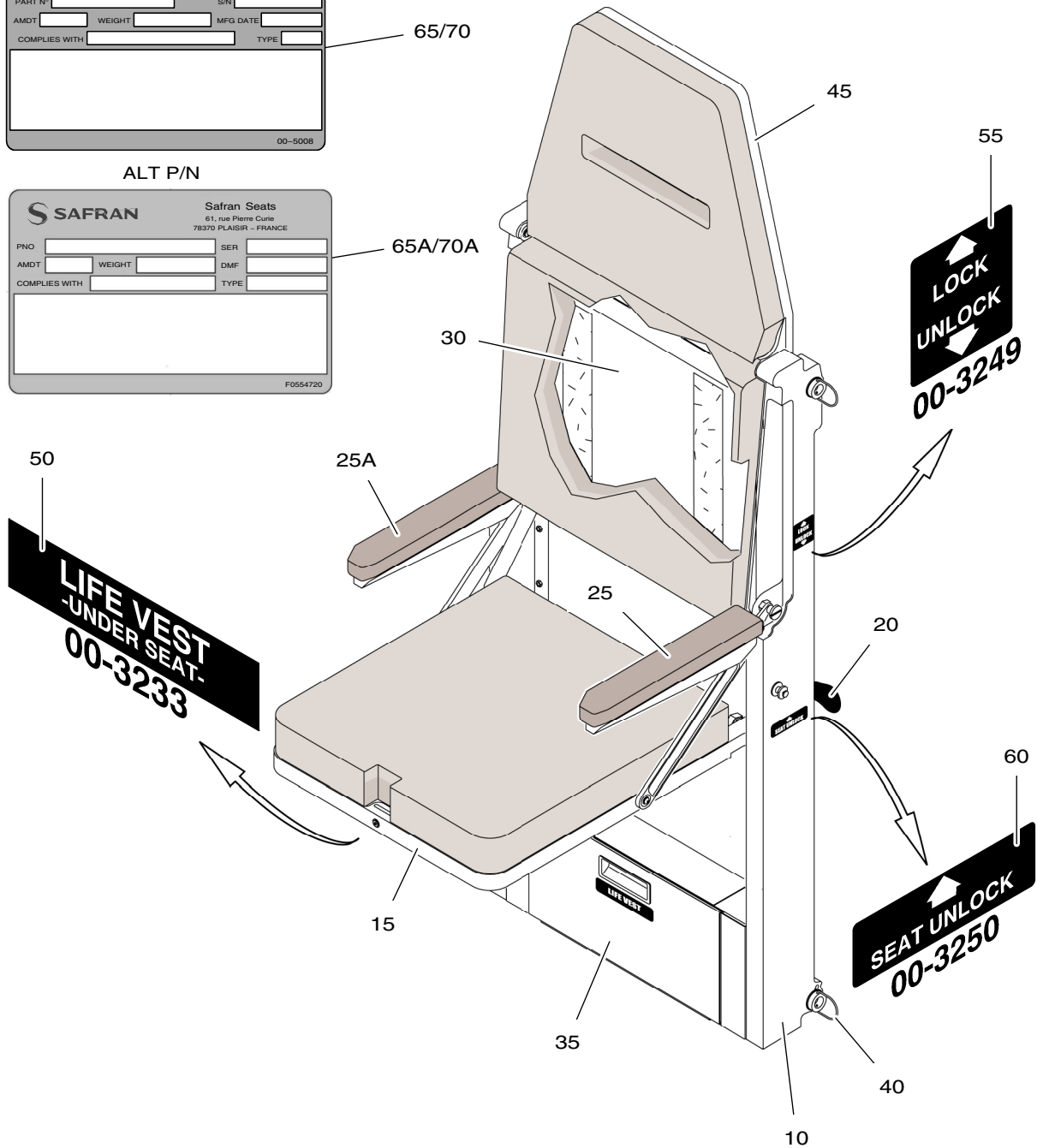
DETAILED PARTS LIST

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ZODIAC SEATS FRANCE <small>Z.I. la Limoise, rue Robert MARECHAL Senior, 36100 ISSOUDUN, FRANCE</small>			
PART N°		S/N	
AMDT	WEIGHT	MFG DATE	
COMPLIES WITH		TYPE	
00-5008			

ALT P/N

SAFRAN			
Safran Seats <small>61, rue Pierre Curie 78370 PLAISIR - FRANCE</small>			
PNO		SER	
AMDT	WEIGHT	DMF	
COMPLIES WITH		TYPE	
F0554720			



Third Occupant Seat Assembly
Figure 1/GRAPHIC-25-11-96-950-801-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
1			1234567		
- 1	16800-01-00		THIRD OCCUPANT SEAT ASSY (WITH ARMREST)	A	RF
- 1A	16800-00-00		THIRD OCCUPANT SEAT ASSY (WITHOUT ARMREST)	B	RF
- 1B	16800-01-01		THIRD OCCUPANT SEAT ASSY (WITH ARMREST)	C	RF
- 1C	16800-01-02		THIRD OCCUPANT SEAT ASSY (WITH ARMREST)	D	RF
- 1D	16800-01-03		THIRD OCCUPANT SEAT ASSY (WITH ARMREST)	E	RF
- 5	168-01		. UPHOLSTERY INSTALLATION SEE FIG. 2 FOR DET	A, B	1 NP
- 5A	168-08		. UPHOLSTERY INSTALLATION SEE FIG. 2 FOR DET	C	1 NP
- 5B	168-10		. UPHOLSTERY INSTALLATION SEE FIG. 2 FOR DET	D	1 NP
- 5C	168-11		. UPHOLSTERY INSTALLATION SEE FIG. 2 FOR DET	E	1 NP
10	168-09		. STRUCTURE ASSY SEE FIG. 3 FOR DET		1 NP
15	168-02		. BOTTOM EQUIPPED SEE FIG. 4 FOR DET		1 NP
20	168-03		. MECHANISM ASSY SEE FIG. 4A FOR DET		1 NP
25	168610-1		. ARMREST ASSY (LH) (F241587W) SEE FIG. 5 FOR DET	A, C-E	1 NP
25A	168610-2		. ARMREST ASSY (RH) (F241588W) SEE FIG. 5 FOR DET	A, C-E	1 NP
- 25B	168600-5		. MASK ASSY (F241596) SEE FIG. 5A FOR DET	B	1 NP
30	168-04		. BACKREST EQUIPPED SEE FIG. 6 FOR DET		1 NP
35	168-05		. MISCELLANEOUS COVERS SEE FIG. 7 FOR DET		1 NP
40	168-06		. FIXATION ASSY SEE FIG. 8 FOR DET		1 NP
45	168-07		. HEADREST EQUIPPED SEE FIG. 9 FOR DET		1 NP
50	00-3233		. LABEL (LIFE VEST UNDER SEAT) (F038397)		1
55	00-3249		. LABEL (LOCK-UNLOCK) (F038398)		1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
1			1234567		
60	00-3250		. LABEL (SEAT UNLOCK) (F038399)		1
65	00-5008		. PLATE, IDENTIFICATION (F215118) RPLD BY ITEM 65A		1 RPD
65A	F0554720		. PLATE, IDENTIFICATION (F215118) RPLS ITEM 65		2
70	AE404		. PLASTIC FILM (F261378) ALT P/N PDFILMPP100X65 RPLD BY ITEM 70A		1 RPD
70A	AE404		. PLASTIC FILM (F261378) ALT P/N PDFILMPP100X65 RPLS ITEM 70		2

- ITEM NOT ILLUSTRATED

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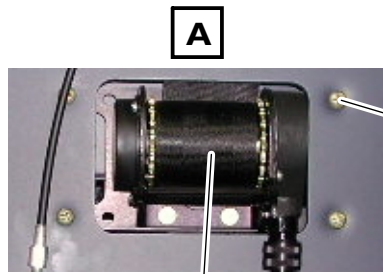
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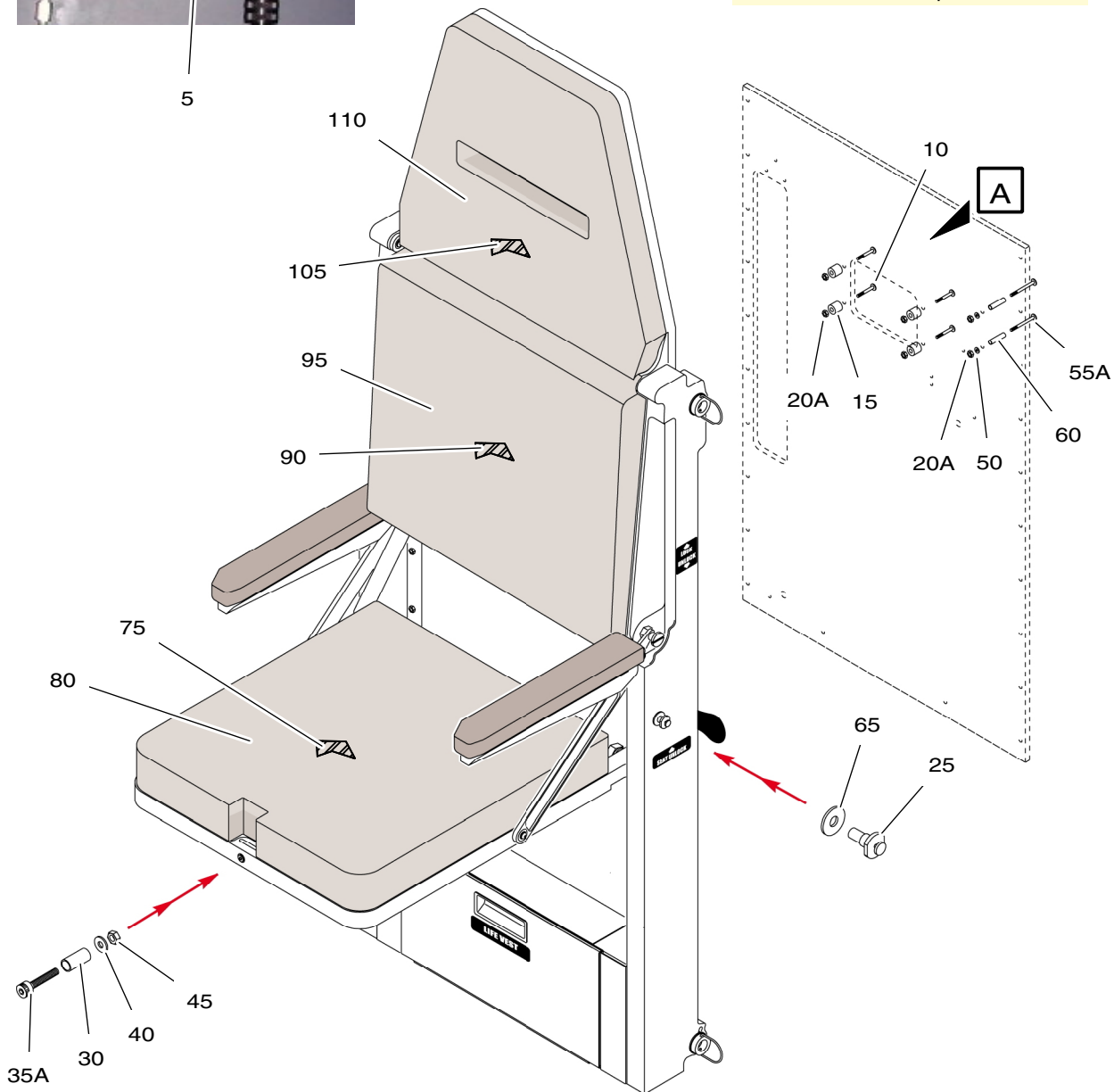
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Torque value item 10:
 2.8 Nm ±15% (24.78 ±15% Lbf.in)

Torque value item 25, 35A:
 12.3 Nm ±15% (108.86 ±15% Lbf.in)

Torque value item 55A:
 Refer to standard torque value table.



Upholstery Installation

Figure 2/GRAPHIC-25-11-96-950-802-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2			1234567		
- 1	168-01		UPHOLSTERY INSTALLATION SEE FIG. 1 FOR NHA	A	RF
- 1A	168-08		UPHOLSTERY INSTALLATION SEE FIG. 1 FOR NHA	B	RF
- 1B	168-10		UPHOLSTERY INSTALLATION SEE FIG. 1 FOR NHA	C	RF
- 1C	168-11		UPHOLSTERY INSTALLATION SEE FIG. 1 FOR NHA	D	RF
5	5017-1-021-2251		. RESTRAINT SYSTEM ASSY (F276562) ATTACHING PARTS	35FB9	1
10	168000V1-73		. SCREW (F307639W) (PAINT BLUE H034) TRUE P/N 168000VI-73 TORQUE VALUE: 2.8 NM ±15% (24.78 ±15% LBF.IN)		4
15	168500-11		. SPACER (F241544)		4
- 20	168000EC67		. NUT (F287016) ALT P/N 168000EC-67 RPLD BY ITEM 20A		6 RPD
20A	168000EC67		. NUT (F287016W) ALT P/N 168000EC-67 RPLS ITEM -20		6
25	168500-40		. BELT ATTACH (F241547) TORQUE VALUE: 12.3 NM ±15% NM (108.86 ±15% LBF.IN)		2
30	168900-2		. BUSHING (F276442)		1
- 35	CHC1-4NFX1		. SCREW (F001353) RPLD BY ITEM 35A TORQUE VALUE: 12.3 NM ±15% (108.86 ±15% LBF.IN)		1 RPD
35A	355002ASMEB18-3		. SCREW (F355002) ALT P/N CHC1/4NFX1 RPLS ITEM -35 TORQUE VALUE: 12.3 NM ±15% (108.86 ±15% LBF.IN)		1
40	NAS1149F0432P		. WASHER (F000764) ALT P/N R0AN960416L	80205	1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2			1234567		
45	168000EC124		. NUT (F300248W) (PAINT BLUE H034) ALT P/N 168000EC-124		1
50	NAS1149F0332P		. WASHER, FLAT (F000761) ALT P/N R0AN96010L	80205	2
- 55	168000V1-65		. SCREW (PAINT BLUE H034) TRUE P/N 168000VI-65 RPLD BY ITEM 55A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2 RPD
55A	F0435524		. SCREW (PAINT BLUE H034) RPLS ITEM -55 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2
60	133500-29		. SPACER (F031490)		2
65	R0LU6		. WASHER (F001701) * * *		4
- 70	168700		. CUSHION, BOTTOM ASSY (F241608)	A	1 NP
- 70A	168701		. CUSHION, BOTTOM ASSY (F287017)	B	1 NP
- 70B	168702		. CUSHION, BOTTOM ASSY (F335821)	C	1 NP
- 70C	168705		. CUSHION, BOTTOM ASSY (F358401)	D	1 NP
- 72	F0621604		.. CUSHION LABEL BONDED WITH MONTAPRENE 2796 OR PISTOPRENE CA 28 OR EQUIVALENT		1 NP
75	168700-10		.. FOAM, BOTTOM EQUIPPED (F241609)	A, D	1
- 75A	168701-10		.. FOAM, BOTTOM EQUIPPED (F287018)	B, C	1
80	168700-20		.. COVER, BOTTOM (F262963) SEE FIG. 6001	A	1
- 80A	168701-20		.. COVER, BOTTOM (F287020) SEE FIG. 6001	B	1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2			1234567		
- 80B	168702-20		.. COVER, BOTTOM (F335820) SEE FIG. 6001	C	1
- 80C	168700-21		.. COVER, BOTTOM (F358400) SEE FIG. 6001	D	1
- 85	168710		. CUSHION, BACKREST ASSY (F241600)	A	1 NP
- 85A	168711		. CUSHION, BACKREST ASSY (F287021)	B	1 NP
- 85B	168712		. CUSHION, BACKREST ASSY (F335823)	C	1 NP
- 85C	168715		. CUSHION, BACKREST ASSY (F358403)	D	1 NP
- 86	F0621604		.. CUSHION LABEL BONDED WITH MONTAPRENE 2796 OR PISTOPRENE CA 28 OR EQUIVALENT		1 NP
90	168710-10		.. FOAM BACKREST, EQUIPPED (F241601)	A, D	1
- 90A	168711-10		.. FOAM BACKREST, EQUIPPED (F287022)	B, C	1
95	168710-20		.. COVER, BACKREST (F262964) SEE FIG. 6001	A	1
- 95A	168711-20		.. COVER, BACKREST (F287024) SEE FIG. 6001	B	1
- 95B	168712-20		.. COVER, BACKREST (F335822) SEE FIG. 6001	C	1
- 95C	168710-21		.. COVER, BACKREST (F358402) SEE FIG. 6001	D	1
- 100	168730		. CUSHION, HEADREST ASSY (F241603) (SEE SUB-ASSEMBLY ITEMS 105 TO 110)	A	1 NP
- 100A	168731		. CUSHION, HEADREST ASSY (F287025) (SEE SUB-ASSEMBLY ITEMS -105A TO -110A)	B	1 NP
- 100B	168732		. CUSHION, HEADREST ASSY (F335825) (SEE SUB-ASSEMBLY ITEMS -105A TO -110B)	C	1 NP

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2			1234567		
- 100C	168735		. CUSHION, HEADREST ASSY (F358405) (SEE SUB-ASSEMBLY ITEMS 105 TO -110C)	D	1 NP
- 102	F0621604		.. CUSHION LABEL BONDED WITH MONTAPRENE 2796 OR PISTOPRENE CA 28 OR EQUIVALENT		1 NP
105	168730-10		.. FOAM HEADREST, EQUIPPED (F241604)	A, D	1
- 105A	168731-10		.. FOAM HEADREST, EQUIPPED (F287026)	B, C	1
110	168730-20		.. COVER, HEADREST (F262965) SEE FIG. 6001	A	1
- 110A	168731-20		.. COVER, HEADREST (F287028) SEE FIG. 6001	B	1
- 110B	168732-20		.. COVER, HEADREST (F335824) SEE FIG. 6001	C	1
- 110C	168730-21		.. COVER, HEADREST (F358404) SEE FIG. 6001	D	1

- ITEM NOT ILLUSTRATED

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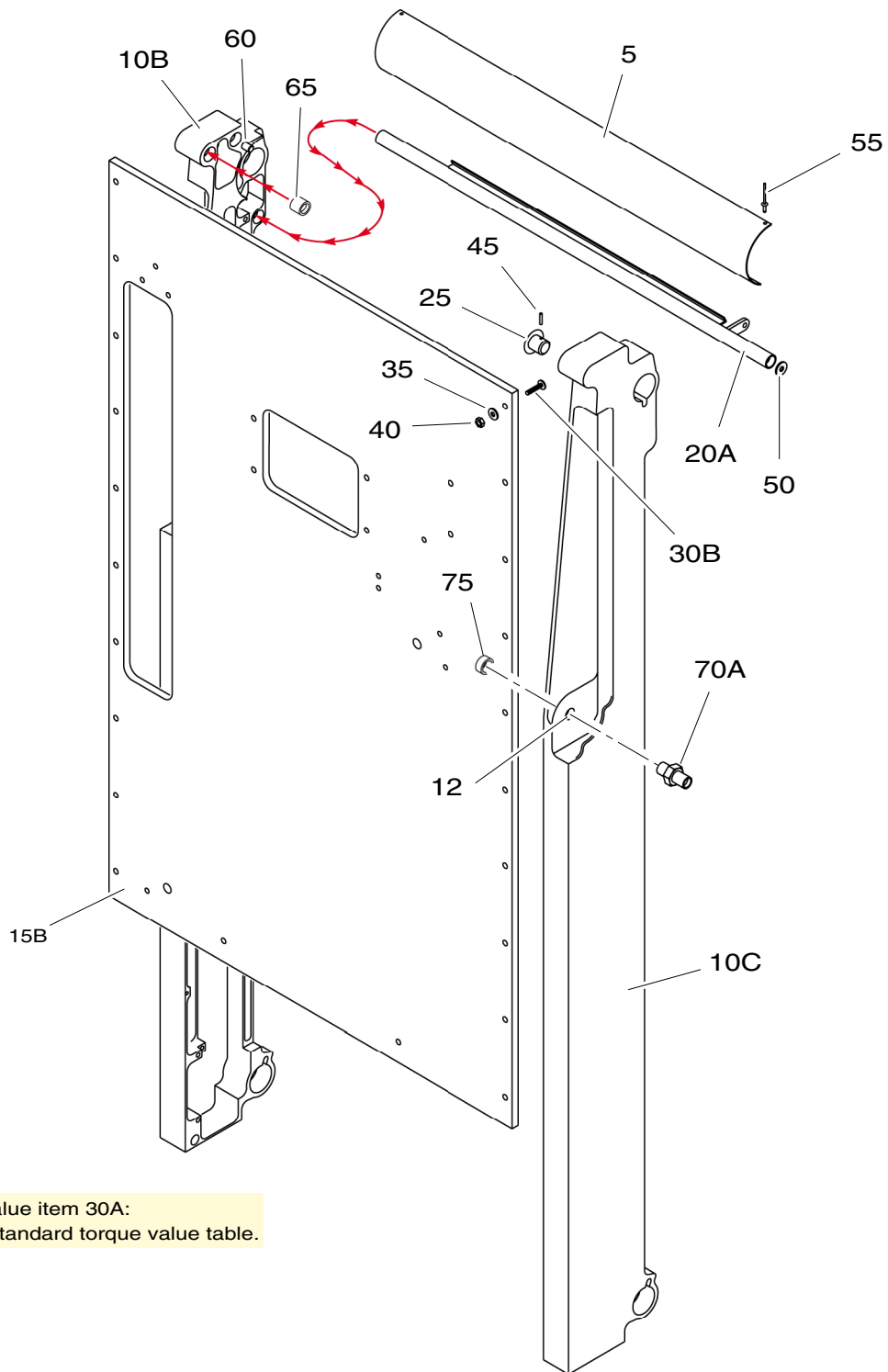
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Torque value item 30A:
Refer to standard torque value table.

Structure Assembly
Figure 3/GRAPHIC-25-11-96-950-803-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
3			1234567		
- 1	168-09		STRUCTURE ASSY SEE FIG. 1 FOR NHA		RF
5	168110-01-0		. PROTECTION PLATE		1
- 10	168110-20-2		. COLUMN (F242268) RPLD BY ITEM 10B		1 RPD
- 10A	168110-10-1		. COLUMN (F242267) RPLD BY ITEM 10C		1 RPD
10B	168110-20-2H034		. COLUMN (F0444404) RPLS ITEM -10		1
10C	168110-10-1H034		. COLUMN (F0408797) RPLS ITEM -10A		1
- 10D			*** DELETED ***		
- 10E			*** DELETED ***		
12	HL5/1624UNFX25		. HELICOIL (F023930) ALT P/N HL5/1624UNFX-25		2
- 15	168110-30-1		. PANEL (F262059) RPLD BY ITEM -15A		1 RPD
- 15A	F0451246		. PANEL RPLS ITEM -15 RPLD BY ITEM 15B		1 RPD
15B	F0498589		. PANEL (PAINT BLUE H034) RPLS ITEM -15A		1
- 20	168110-40-1		. TUBE ASSY (F262062) RPLD BY ITEM 20A		1 RPD
20A	F0504243		. TUBE ASSY (PAINT BLUE H034) RPLS ITEM -20		1
25	168110-12-0		. FIXING BUSHING (F242269) ATTACHING PARTS		1
- 30	NAS517-2-26		. SCREW (F252664) ALT P/N VINAS517226 RPLD BY ITEM -30A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	20 RPD

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
3					
- 30A	NAS517-2-6		. SCREW (F107329) ALT P/N VINAS51726 RPLS ITEM -30 RPLD BY ITEM 30B TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	20 RPD
30B	F0457922		. SCREW RPLS ITEM -30A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		20
35	NAS1149FN816P		. WASHER (F001061)	80205	20
40	F22NTM82		. NUT (F014933) ALT P/N ECF22NTM82	72962	20
45	ISO8752-2X8ST		. PIN (F000904) ALT P/N GPMECAE2X8 TRUE P/N ISO8752-2X8-ST		2
50	50-000500-062-0		. WASHER (F057115)		4
55	TAPD36BS		. RIVET (F000314) ALT P/N P0PTAPD36BS * * *		6
60	168110-13-0		.. LIMITED SHAFT (F275961)		2
65	168500-42		.. BUSHING (F262823)		2
- 70	168500-24		. SHAFT (F241549) PRE SB 168-25-008 RPLD BY ITEM 70A RPLD BY ITEM 75		2 RPD
70A	F0498792		. SHAFT POST SB 168-25-008 RPLS ITEM -70		2
75	F0510110		. NUT POST SB 168-25-008 RPLS ITEM -70		2

- ITEM NOT ILLUSTRATED

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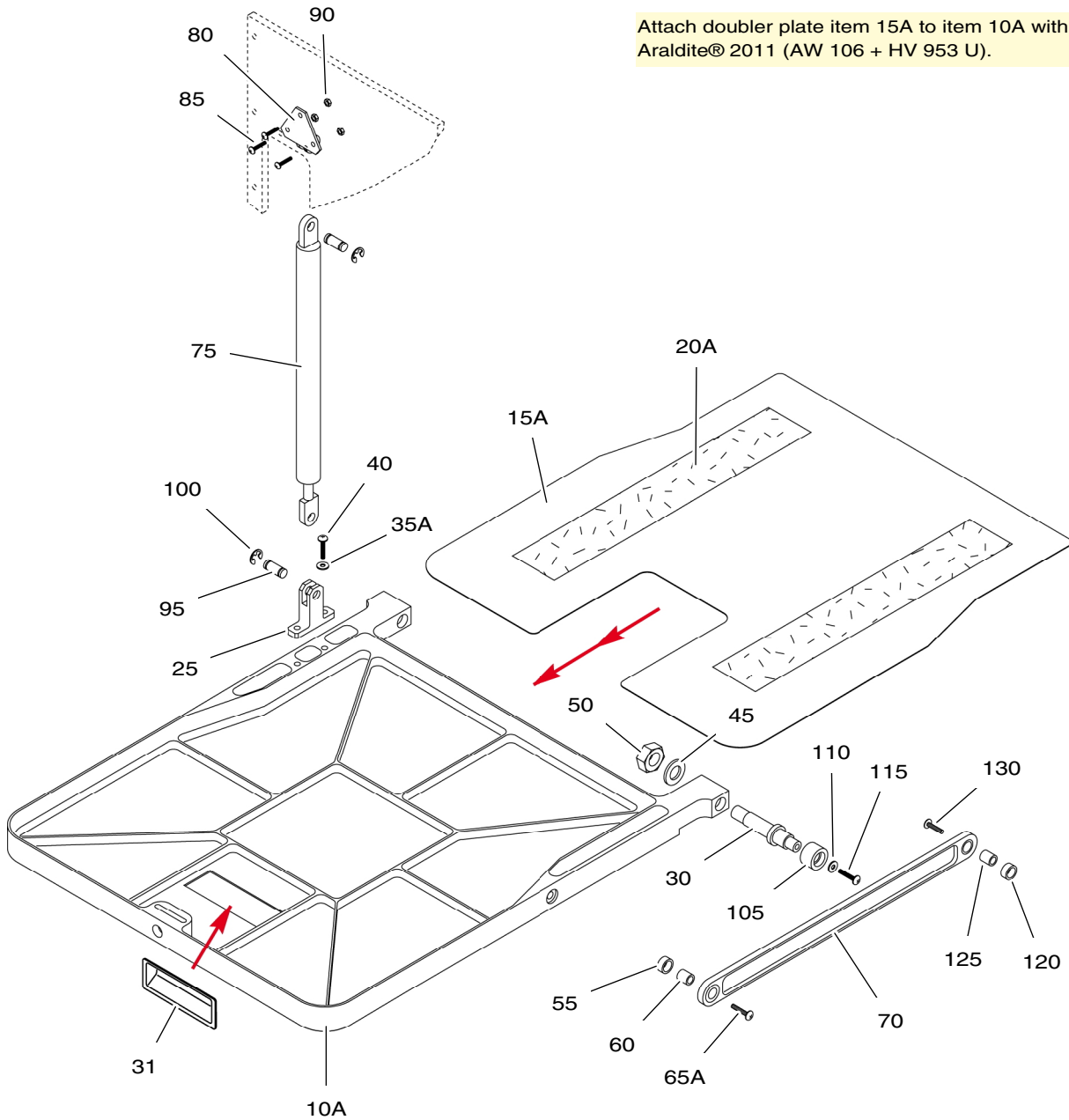
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Torque value items 40, 65, 85, 115 and 130:
Refer to standard torque value table.

Attach doubler plate item 15A to item 10A with
Araldite® 2011 (AW 106 + HV 953 U).



Bottom Equipped
Figure 4/GRAPHIC-25-11-96-950-804-A01

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168-SERIES

FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4			1234567		
- 1	168-02		BOTTOM EQUIPPED SEE FIG. 1 FOR NHA		RF
- 5	168200		. BOTTOM ASSY (F241573) RPLD BY ITEM -5A		1 RPD
- 5A	168201		. BOTTOM ASSY (F287323) RPLS ITEM -5		1
- 10	168200-10		.. BOTTOM EQUIPPED (F242271) RPLD BY ITEM 10A		1 RPD
10A	F0504120		.. BOTTOM EQUIPPED (PAINT BLUE H034) RPLS ITEM -10		1
- 15	168200-01		.. DOUBLER PLATE (F262064) RPLD BY ITEM 15A BONDED TO ITEM -10 WITH ARALDITE® 2011 (AW 106 + HV 953 U)		1 RPD
15A	F0468231		.. DOUBLER PLATE (PAINT BLUE H034) RPLS ITEM -15 BONDED TO ITEM 10A WITH ARALDITE® 2011 (AW 106 + HV 953 U)		1
- 20	VELCR050-145A		.. AUTO-AGRIP RPLD BY ITEM 20A (LENGTH 360 MM (14.17 IN.) X2)		AR RPD
20A	AACR050-145A		.. AUTO-AGRIP, LOOP (F091032) (COLOR: MARINE BLUE) RPLS ITEM -20 (LENGTH 360 MM (14.17 IN.) X2)		AR
25	168200-5		.. CLEVIS (F300656)		1
- 25A	F300656		*** DELETED ***		
30	168200-6		.. ROLLER SHAFT (F300657)		2
31	QUP2-41		.. HANDLE (F241624) ATTACHING PARTS		1
35	NAS1149F0332P		.. WASHER (F000761) ALT P/N R0AN96010L	80205	2

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4			1234567		
40	NAS603-9		.. SCREW (F020306) ALT P/N VINAS6039 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	2
45	NAS1149F0663P		.. WASHER (F027463) ALT P/N R0AN960616	80205	2
50	NAS679A6		.. NUT (F025371) ALT P/N ECNAS679A6	80205	2
55	168500-38		.. BUSHING (F241545)		2
60	168500-37		.. SPACER SHAFT (F241546)		2
- 65	168000V1-82		.. SCREW (F287073W) (PAINT BLUE H034) TRUE P/N 168000VI-82 RPLD BY ITEM 65A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2 RPD
65A	F0516612		.. SCREW POST SB 168-25-009 RPLS ITEM -65 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE * * *		2
70	168500-5		. LINK EQUIPPED (LH) (F241583) (PAINT BLUE H034)		1
- 70A	168500-1		. LINK EQUIPPED (RH) (F241582) (PAINT BLUE H034)		1
75	VE0845730308205		. LOCK (F031522)		1
80	133500-19		. FITTING, LOCK FIXING (F031480)		1

- ITEM NOT ILLUSTRATED

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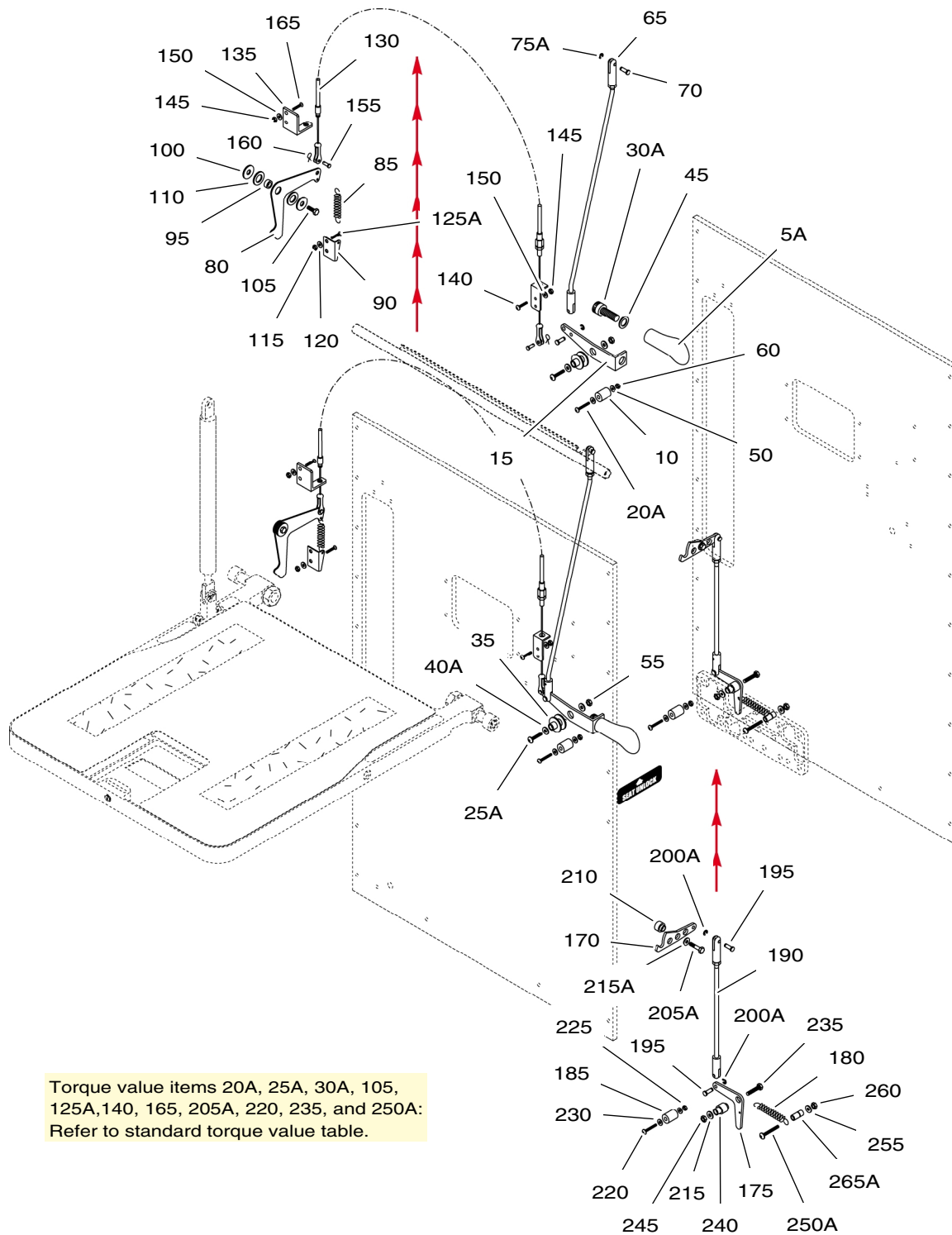
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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4			1234567		
85	168000V1-75		. ATTACHING PARTS . SCREW (F287014W) TRUE P/N 168000VI-75 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		3
90	F22NTM82		. NUT (F014933) ALT P/N ECF22NTM82	72962	3
95	133500-20		. SHAFT, UPPER LOCK (F031481)		2
100	C7133A008		. CIRCLIP (F006647) ALT P/N CI7133D8 TRUE P/N C7133-A-008		4
105	168200-8		. ROLLER (F241557)		2
110	NAS1149F0332P		. WASHER (F000761) ALT P/N R0AN96010L	80205	2
115	NAS603-5		. SCREW (F029971) ALT P/N VINAS6035 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE * * *	80205	2
120	168500-38		.. BUSHING (F241545)		2
125	168500-37		.. SPACER SHAFT (F241546)		2
130	168000V1-82		.. SCREW (F287073W) (PAINT BLUE H034) TRUE P/N 168000VI-82 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2

- ITEM NOT ILLUSTRATED

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Torque value items 20A, 25A, 30A, 105, 125A, 140, 165, 205A, 220, 235, and 250A:
Refer to standard torque value table.

Mechanism Assembly
Figure 4A/GRAPHIC-25-11-96-950-804-B01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4A			1234567		
- 1	168-03		MECHANISM ASSY SEE FIG. 1 FOR NHA		RF
- 5	1-218-60M10		. HANDLE (F262344) TRUE P/N I-218/60-M10	A0774	1
10	168500-9		. STOP (F241543)		2
15	168500-16		. LEVEL EQUIPPED (F262067) ATTACHING PARTS		1
- 20	168000V1-51		. SCREW TRUE P/N 168000VI-51 RPLD BY ITEM 20A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2 RPD
20A	F0448294		. SCREW RPLS ITEM -20 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2
- 25	168000V1-54		. SCREW TRUE P/N 168000VI-54 RPLD BY ITEM 25A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1 RPD
25A	F0457923		. SCREW RPLS ITEM -25 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
- 30	4762M10X25-12-9		. SCREW RPLD BY ITEM 30A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1 RPD
30A	VIDIN91210X25		. SCREW (F001384) RPLS ITEM -30 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
- 35	168500-17		. STEPPED BUSHING (F241553) RPLD BY ITEM 35A		1 RPD

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4A					
35A	F0504241		. STEPPED BUSHING (PAINT BLUE H034) RPLS ITEM -35		1
- 40	168000R0-125		. WASHER RPLD BY ITEM 40A		2 RPD
40A	F0448338		. WASHER RPLS ITEM -40		2
45	R018X10-5X1-5NY		. WASHER (F241526) (FULLY INTERCH WITH PN 18X10,5X1,5) (FULLY INTERCH WITH PN 18X10-5X1-5)		1
50	NAS1149FN816P		. WASHER (F001061)	80205	4
55	168000EC124		. NUT (F300248W) ALT P/N 168000EC-124	80205	1
60	F22NTM82		. NUT (F014933) ALT P/N ECF22NTM82 * * *		2
65	133500-09E		. ROD EQUIPPED (F226442) (PAINT BLUE H034) ATTACHING PARTS		1
70	133500-27		. SHAFT (F031488)		2
- 75	CI7131D4		. CIRCLIP RPLD BY ITEM 75A		2 RPD
75A	C7133A004		. CIRCLIP (F006655) ALT P/N CI7133D4 TRUE P/N C7133-A-004 RPLS ITEM -75 * * *		2
80	168500-21		. LEVER (F241548)		1
85	133500-18		. SPRING (F030729)		1
90	168200-4		. ANGLE PLATE (F241574) ATTACHING PARTS		1
95	168500-30		. LEVER BUSHING (F241552)		1
100	R0LU6		. WASHER (F001701)		2

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4A			1234567		
105	133500V1-44		. SCREW (F262487W) TRUE P/N 133500VI-44 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
110	R018X10-5X1-5NY		. WASHER (F241526) (FULLY INTERCH WITH PN 18X10,5X1,5) (FULLY INTERCH WITH PN 18X10-5X1-5)		2
115	168000EC122		. NUT (F300247) ALT P/N 168000EC-122		2
120	168000R0-123		. WASHER (F300244)		2
- 125	F0457922		. SCREW RPLD BY ITEM 125A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2 RPD
125A	168000V1-86		. SCREW TRUE P/N 168000VI-86 RPLS ITEM -125 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE * * *		2
130	168500-35		. CABLE ASSY (F241554)		1
135	168200-3		. CABLE SUPPORT (F242270) ATTACHING PARTS		1
140	168000V1-75		. SCREW (F287014W) TRUE P/N 168000VI-75 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2
145	168000EC122		. NUT (F300247) ALT P/N 168000EC-122		4
150	168000R0-123		. WASHER (F300244)		4
155	279-10-500-27		. SHAFT (F003167)		2

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4A			1234567		
160	GPV1X12AC		. PIN (F029519)		2
165	168000V1-86		. SCREW (F300238) TRUE P/N 168000VI-86 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2
- 166	C0H3P		. COLLAR (F006729)		1
- 167	RITY8P2NATUREL		. RIVET, PLASTIC (F006734) * * *		1
170	168500-4		. HOOK (F241538)		1
175	168500-8		. LEVER (F0566718) (PAINT BLUE H034)		1
180	133500-18		. SPRING (F030729)		1
185	168500-9		. STOP (F241543)		1
190	168500-71		. ROD EQUIPPED (F276777) (PAINT BLUE H034) ATTACHING PARTS		1
195	133500-27		. SHAFT (F031488)		2
- 200	CI7131D4		. CIRCLIP RPLD BY ITEM 200A		2 RPD
200A	C7133A004		. CIRCLIP (F006655) ALT P/N CI7133D4 TRUE P/N C7133-A-004 RPLS ITEM -200		2
- 205	168000V1-95		. SCREW TRUE P/N 168000VI-95 RPLD BY ITEM 205A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1 RPD
205A	F0447484		. SCREW RPLS ITEM -205 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4A			1234567		
210	168500-12		. SPACER (F241539)		1
- 215	168000R0-125		. WASHER RPLD BY ITEM 215A		3 RPD
215A	F0448338		. WASHER RPLS ITEM -215		3
220	168000V1-51		. SCREW (F300236) TRUE P/N 168000VI-51 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
225	168000EC122		. NUT (F300247) ALT P/N 168000EC-122		1
230	168000R0-123		. WASHER (F300244)		2
235	168000V1-98		. SCREW (F300240) TRUE P/N 168000VI-98 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
240	168500-13		. STEPPED SPACER (F0566717) (PAINT BLUE H034)		1
245	168000EC124		. NUT (F300248W) ALT P/N 168000EC-124	80205	1
- 250	168000V1118		. SCREW ALT P/N 168000VI-118 RPLD BY ITEM 250A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1 RPD
250A	F0457921		. SCREW RPLS ITEM -250 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
255	168000R0-126		. WASHER (F300246W)		2
260	F22NTM02		. NUT (F010348) ALT P/N ECF22NTM02 TRUE P/N F22NTM-02		1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
4A					
- 265	133500-27		. SHAFT (F031488) RPLD BY ITEM 265A		1 RPD
265A	168500-14		. SHAFT (F241541) RPLS ITEM -265 * * *		1

- ITEM NOT ILLUSTRATED

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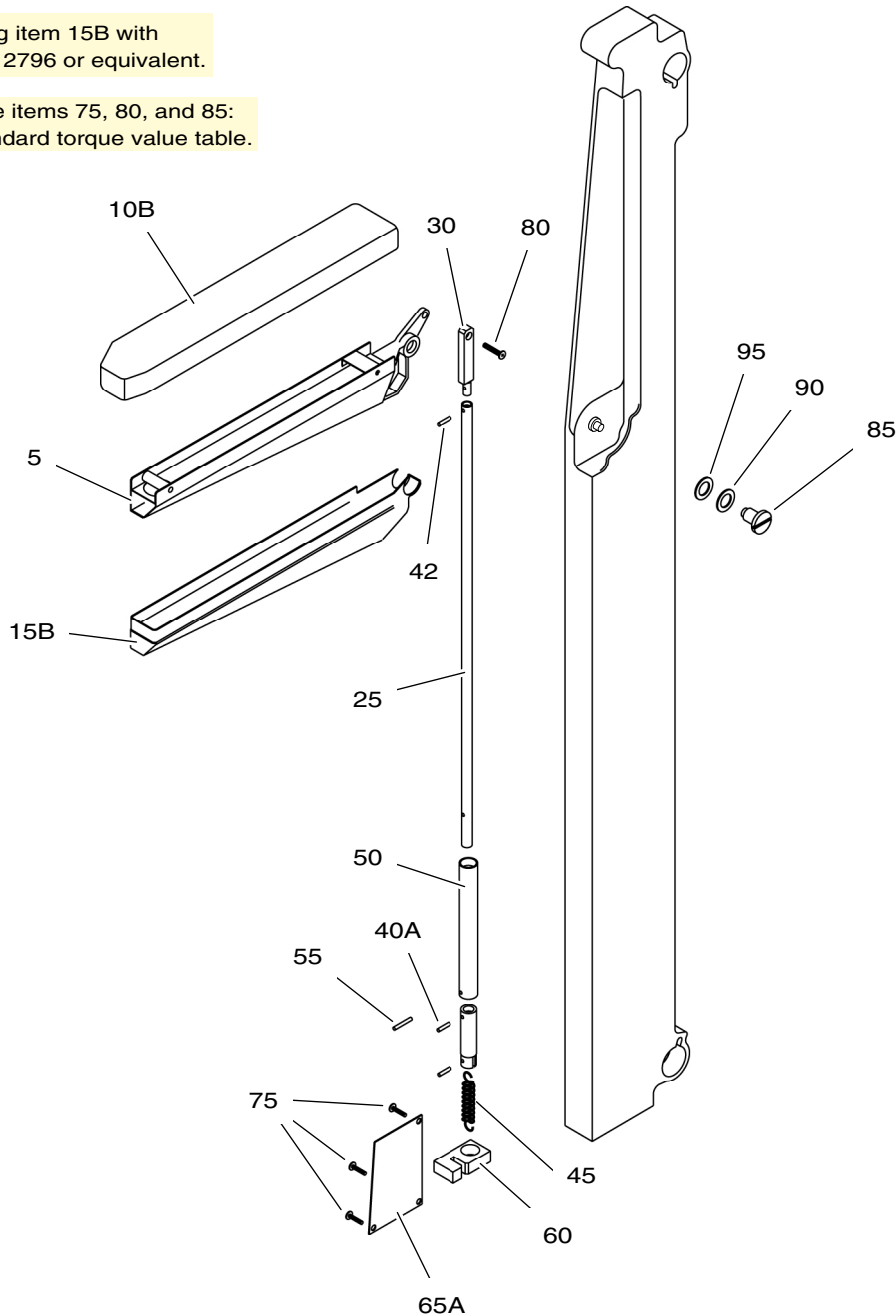
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Attach screw item 80 to item 30 with
Loctite 222 or equivalent.

Caution: Item 30 must not be attached to 5

Attach fairing item 15B with
Montaprene 2796 or equivalent.

Torque value items 75, 80, and 85:
Refer to standard torque value table.



Armrest Assembly

Figure 5/GRAPHIC-25-11-96-950-805-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
5			1234567		
1	168610-1		ARMREST ASSY (LH) (F241587W) SEE FIG. 1 FOR NHA	A	RF
- 1A	168610-2		ARMREST ASSY (RH) (F241588W) SEE FIG. 1 FOR NHA	B	RF
5	133613-1		. ARMREST STRUCTURE (LH) (F031565) (PAINT BLUE H034)	A	1
- 5A	133613-2		. ARMREST STRUCTURE (RH) (F031566) (PAINT BLUE H034)	B	1
- 10	168670-1		. ARMCAP (F241594) PRE SIL 141-01 RPLD BY ITEM 10B	A	1 RPD
- 10A	168670-2		. ARMCAP (F241595) PRE SIL 141-01 RPLD BY ITEM -10C	B	1 RPD
10B	168670-1H158		. ARMCAP (F241594H158) POST SIL 141-01 RPLS ITEM -10	A	1
- 10C	168670-2H158		. ARMCAP (F241595H158) POST SIL 141-01 RPLS ITEM -10A	B	1
- 15	133614-1		. FAIRING (F031582) PRE SIL 141-01 RPLD BY ITEM 15B BONDED WITH MONTAPRENE 2796 OR EQUIVALENT	A	1 RPD
- 15A	133614-2		. FAIRING (F031583) PRE SIL 141-01 RPLD BY ITEM -15C BONDED WITH MONTAPRENE 2796 OR EQUIVALENT	B	1 RPD
15B	133614-1H034		. FAIRING (F031582P034) POST SIL 141-01 RPLS ITEM -15 BONDED WITH MONTAPRENE 2796 OR EQUIVALENT	A	1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
5					
- 15C	133614-2H034		. FAIRING (F031583P034) POST SIL 141-01 RPLS ITEM -15A BONDED WITH MONTAPRENE 2796 OR EQUIVALENT	B	1
- 20	168610-3		. ROD EQUIPPED (F241590)		1
25	168610-4		.. ROD BARE (F241591)		1 NP
30	168610-15		.. ROD END CLEVIS (F275965)		1 NP
- 35	168610-6		.. ANTI-CHAFING GUIDE (F241559)		1
- 40	ISO8752-2_5X12ST		.. PIN (F000911) ALT P/N GPMECAE2-5X12 TRUE P/N ISO8752-2_5X12-ST RPLD BY ITEM 40A		2 RPD
40A	ISO8752-2_5X10ST		.. PIN (F008561) ALT P/N GPMECAE2-5X10 TRUE P/N ISO8752-2_5X10-ST RPLS ITEM -40		2
42	ISO8752-2_5X8ST		.. PIN (F296357) ALT P/N GPMECAE2-5X8 TRUE P/N ISO8752-2_5X8-ST		1
45	RSNA8528125		.. SPRING (F241561) ALT P/N 168610-16		1
50	168610-7		.. SHEATH (F241593)		1
55	ISO8752-2_5X18ST		.. PIN (F023107) ALT P/N GPMECAE2-5X18 TRUE P/N ISO8752-2_5X18-ST		1
60	168610-8		. PUSHER (F241560)		1
- 65	168610-10		. PROTECTION PLATE (F241589) RPLD BY ITEM 65A		1 RPD
65A	168610-10H034		. PROTECTION PLATE (F0435154) RPLS ITEM -65		1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
5			1234567		
- 70	168500-24		. SHAFT DELETED MOVED TO FIG. 3		0
- 70A	F0498792		. SHAFT DELETED MOVED TO FIG. 3 ATTACHING PARTS		0
75	NAS602-5		. SCREW (F046548) ALT P/N VINAS6025 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	3
80	168610V1-9		. SCREW (F300243W) TRUE P/N 168610VI-9 BONDED TO ITEM 30 WITH LOCTITE 222 OR EQUIVALENT TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
85	133500-26		. SCREW (F031487) TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
90	133500-25		. WASHER (F031486)		1
95	R018X10-5X1-5NY		. WASHER (F241526) (FULLY INTERCH WITH PN 18X10,5X1,5) (FULLY INTERCH WITH PN 18X10-5X1-5)		1
- 100	F0510110		. NUT DELETED MOVED TO FIG. 3 * * *		0
- 110	HL5/1624UNFX25		. HELICOIL DELETED MOVED TO FIG. 3		0

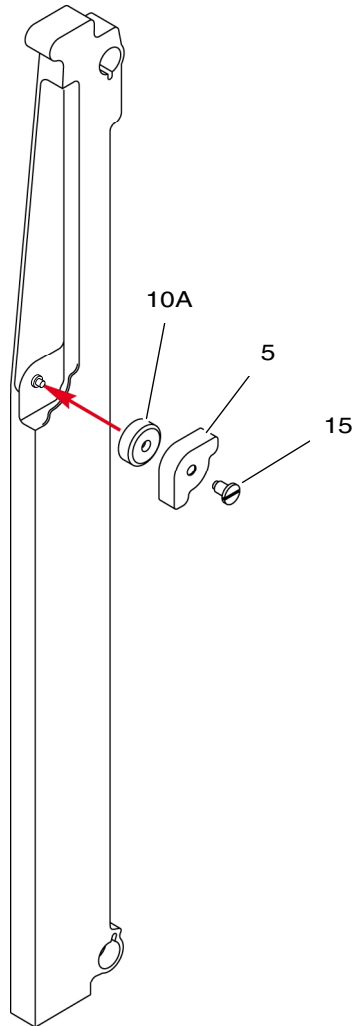
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Torque value item 15:
Refer to standard torque value table.



Mask Assembly
Figure 5A/GRAPHIC-25-11-96-950-805-B01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234567		
5A					
- 1	168600-5		MASK ASSY (LH) (F241596) SEE FIG. 1 FOR NHA		RF
5	168600-4		. FAIRING DOUBLER (F241558)		1
- 10	168600-0		. HINGE COVER (F287188) PRE SIL 141-01 RPLD BY ITEM 10A		1 RPD
10A	168600-0H034		. HINGE COVER (F287188P034) POST SIL 141-01 RPLS ITEM -10 ATTACHING PARTS		1
15	133500-26		. SCREW (F031487) TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE * * *		1
- 20	168500-24		. SHAFT DELETED MOVED TO FIG. 3		0
- 20A	F0498792		. SHAFT DELETED MOVED TO FIG. 3 ATTACHING PARTS		0
- 25	F0510110		. NUT DELETED MOVED TO FIG. 3 * * *		0
- 30	HL5/1624UNFX25		. HELICOIL DELETED MOVED TO FIG. 3		0

- ITEM NOT ILLUSTRATED

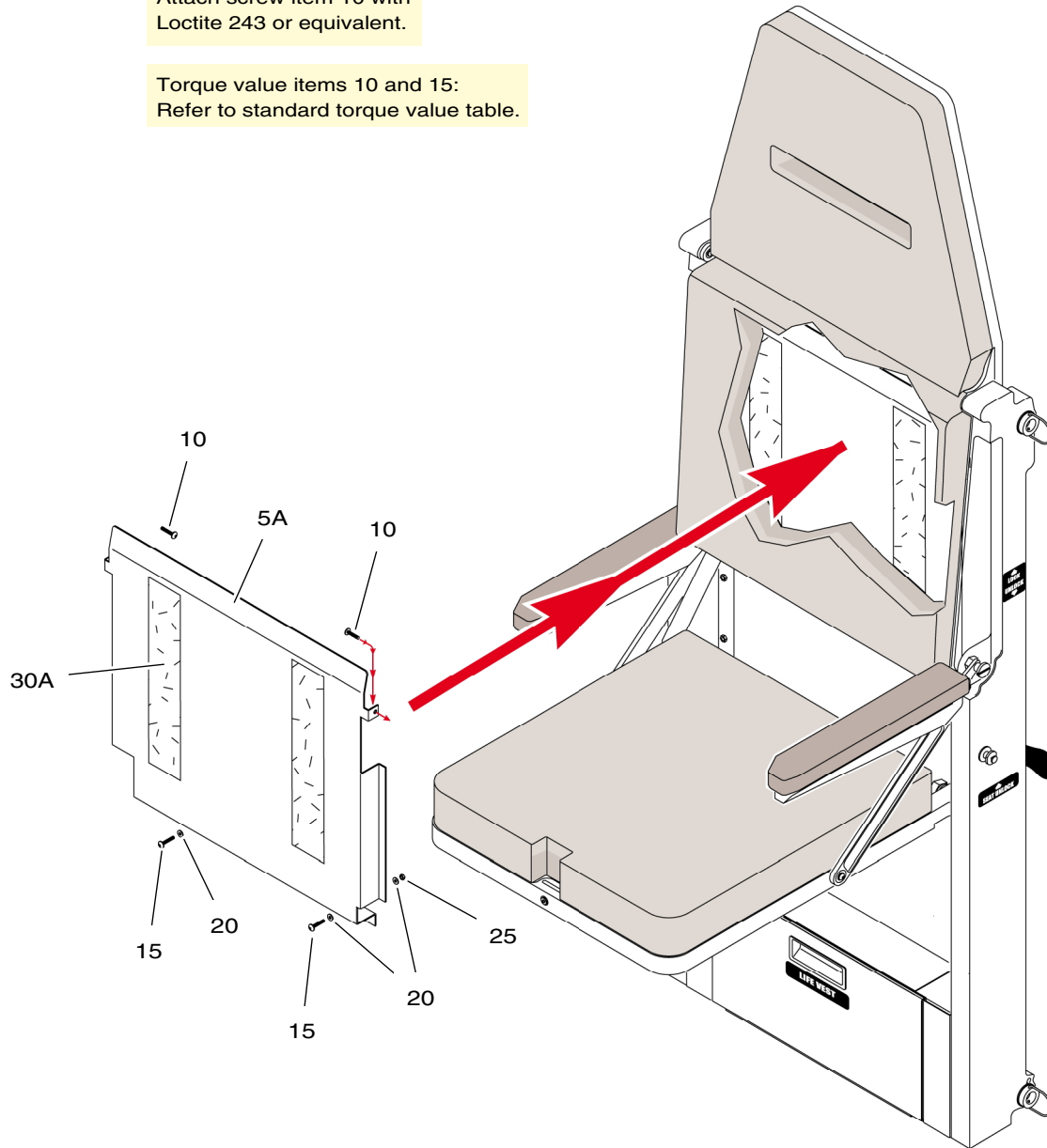
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Attach screw item 10 with
Loctite 243 or equivalent.

Torque value items 10 and 15:
Refer to standard torque value table.



Backrest Equipped

Figure 6/GRAPHIC-25-11-96-950-806-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
6			1234567		
- 1	168-04		BACKREST EQUIPPED SEE FIG. 1 FOR NHA		RF
- 5	168300		. BACKREST ASSY (F241575W) RPLD BY ITEM 5A		1 RPD
5A	F0462512		. BACKREST ASSY POST SB 168-25-007 RPLS ITEM -5 ATTACHING PARTS		1
10	168000V1-44		. SCREW (F307637W) TRUE P/N 168000VI-44 BONDED WITH LOCTITE 243 OR EQUIVALENT TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2
15	168000V1-75		. SCREW (F287014W) TRUE P/N 168000VI-75 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2
- 15A			*** DELETED ***		
- 15B			*** DELETED ***		
20	NAS1149FN816P		. WASHER (F001061)	80205	4
25	F22NTM82		. NUT (F014933) ALT P/N ECF22NTM82 * * *	72962	2
- 30	VELCR050-145A		.. VELCRO LOOP RPLD BY ITEM 30A (LENGTH 250 MM (9.84 IN.) X2)		AR RPD
30A	AACR050-145A		.. VELCRO, LOOP (F091032) (COLOR: MARINE BLUE) RPLS ITEM -30 (LENGTH 250 MM (9.84 IN.) X2)		AR
- 35	VELCR016-145A		.. AUTO-AGRIP, LOOP RPLD BY ITEM -35A (LENGTH 400 MM (15.74 IN.))		AR RPD
- 35A	AACR016-145A		.. AUTO-AGRIP, LOOP (F091023) (COLOR: MARINE BLUE) RPLS ITEM -35 (LENGTH 400 MM (15.74 IN.))		AR

- ITEM NOT ILLUSTRATED

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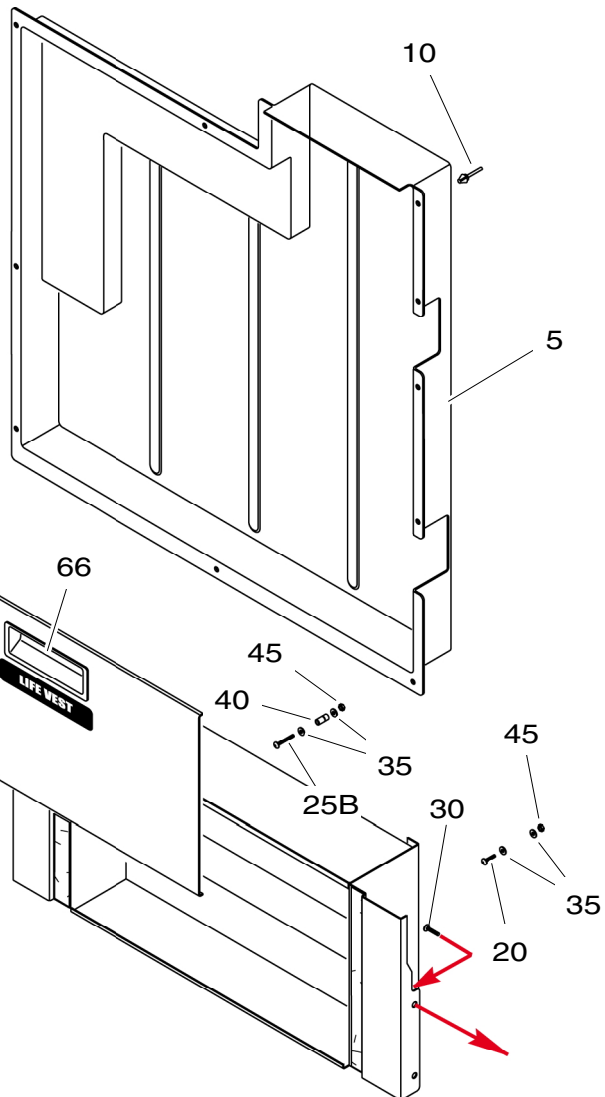
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Torque value items 20, 25B, and 30:
Refer to standard torque value table.



70



55A

50

16

55A

65A

66

Miscellaneous Covers

Figure 7/GRAPHIC-25-11-96-950-807-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
7			1234567		
- 1	168-05		MISCELLANEOUS COVERS SEE FIG. 1 FOR NHA		RF
5	168820		. AFT COVER (F241612P034) ATTACHING PARTS		1
10	RITY8P2N0IR		. RIVET (F029807) * * *		11
- 15	168830-10		. LIFE VEST STOWAGE (F262069) RPLD BY ITEM -15A		1 RPD
- 15A	168830-10P40		. LIFE VEST STOWAGE (F0423351) RPLS ITEM -15		1
- 15B			*** DELETED ***		
16	168830-20		.. LIFE VEST BOX (F286996) ATTACHING PARTS		1 NP
20	168000V1-117		.. SCREW (F300241W) (PAINTED) RPLS ITEM -20A TRUE P/N 168000VI-117 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
- 20A	NAS603-11		.. SCREW (F085722) (UNPAINTED) RPLD BY ITEM 20 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	1 RPD
- 25	MS27039-01-21		.. DELETED SUPSD BY ITEM -25A	96906	0
- 25A	MS27039-1-21		.. SCREW (UNPAINTED) SUPSDS ITEM -25 RPLD BY ITEM 25B TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	96906	1 RPD

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
7					
25B	168000VI118		.. SCREW (PAINTED) ALT P/N 168000VI-118 RPLS ITEM -25A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
30	168000V1-75		.. SCREW (F287014W) (PAINTED) TRUE P/N 168000VI-75 RPLS ITEM -30A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		4
- 30A	NAS602-5		.. SCREW (F046548) (UNPAINTED) RPLD BY ITEM 30 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	4 RPD
35	168000R0-126		.. WASHER (F300246W) (PAINTED) RPLS ITEM -35A		4
- 35A	NAS1149F0332P		.. WASHER (F000761) (UNPAINTED) ALT P/N R0AN96010L RPLD BY ITEM 35	80205	4 RPD
40	168500-14		.. SHAFT (F241541)		1
45	F22NTM02		.. NUT (F010348) ALT P/N ECF22NTM02 TRUE P/N F22NTM-02		2
50	159230		.. WASHER (F209589)		2
- 55	VELCR016-145A		.. AUTO-AGRIP, LOOP RPLD BY ITEM 55A (LENGTH 160 MM (6.29 IN.) X2)		AR RPD

- ITEM NOT ILLUSTRATED

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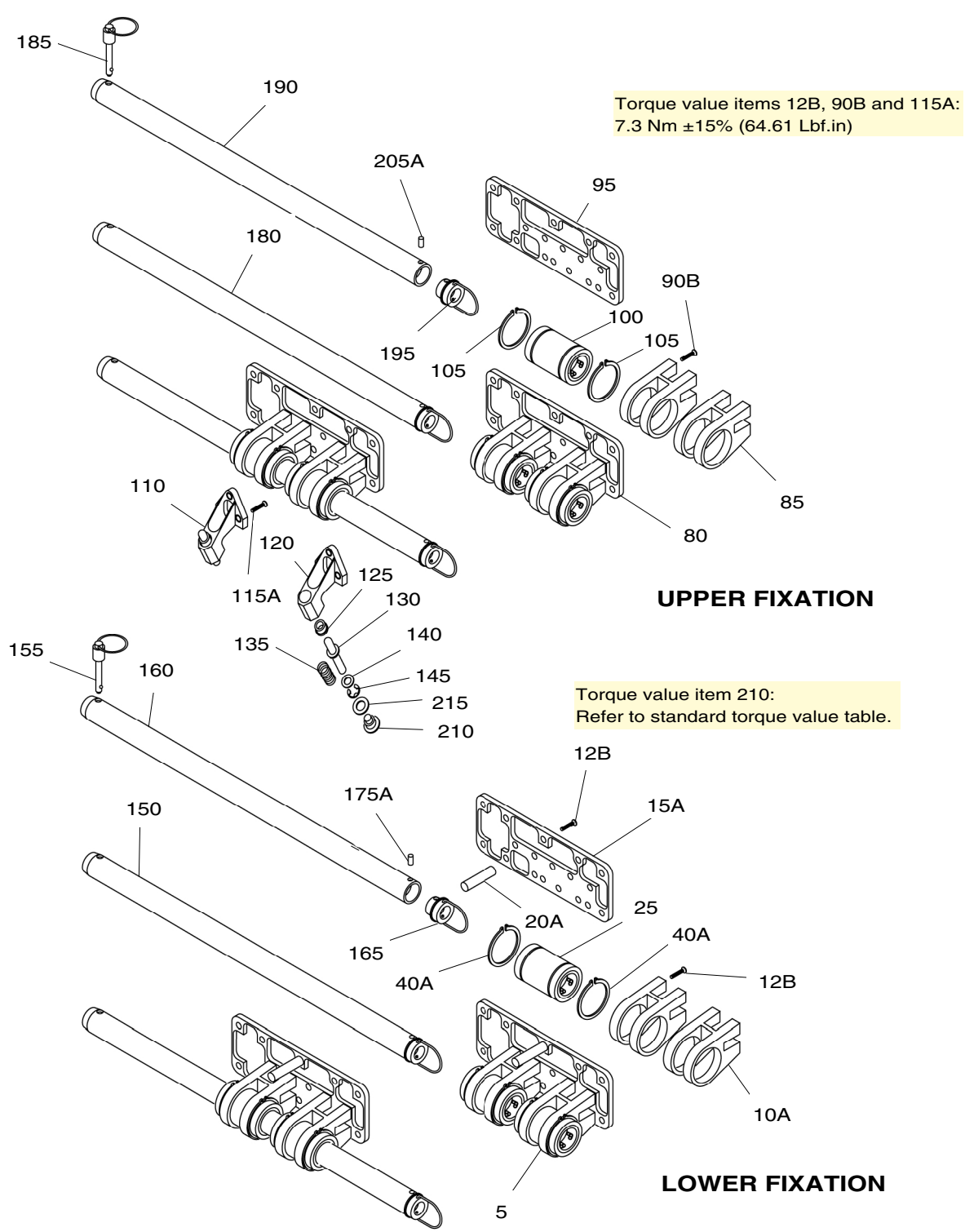
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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
7			1234567		
55A	AACR016-145A		.. AUTO-AGRIP, LOOP (F091023) (COLOR: MARINE BLUE) RPLS ITEM -55 (LENGTH 160 MM (6.29 IN.) X2) * * *		AR
- 60	168840		. DOOR EQUIPPED RPLD BY ITEM 60A		1 RPD
60A	168841		. DOOR EQUIPPED (F335903) (PAINT BLUE H034) RPLS ITEM -60		1
61	00-3248		.. LABEL (LIFE VEST) (F038400)		1
- 65	VELVEL16-145A		.. AUTO-AGRIP, LOOP RPLD BY ITEM 65A (LENGTH 157 MM (6.18 IN.) X2)		AR RPD
65A	AAVEL16-145A		.. AUTO-AGRIP, LOOP (F091035) (COLOR: MARINE BLUE) RPLS ITEM -65 (LENGTH 157 MM (6.18 IN.) X2)		AR
66	QUP2-41		.. HANDLE (F241624)		1
70	133100-03		. RECEPTACLE (F030710P034)		1

- ITEM NOT ILLUSTRATED

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Fixation Assembly

Figure 8/GRAPHIC-25-11-96-950-808-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
8			1234567		
- 1	168-06		FIXATION ASSY SEE FIG. 1 FOR NHA		RF
5	168080		. LOWER ROLLER BEARING ASSY (F241567)		1
- 5A	168090		*** DELETED ***		
- 10	133010-1		.. SUPPORT EQUIPPED (F030677) RPLD BY ITEM 10A		2 RPD
10A	F0504092		.. SUPPORT EQUIPPED (PAINT BLUE H034) RPLS ITEM -10 ATTACHING PARTS		2
- 12	FHC1-4NFX3-4		.. SCREW RPLD BY ITEM -12A TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN)		7 RPD
- 12A	355056ASMEB18-3		.. SCREW (F355056) ALT P/N FHC1/4NFX3/4 RPLS ITEM -12 RPLD BY ITEM 12B TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN)		7 RPD
12B	F0524071		.. SCREW (PAINT BLUE H034) RPLS ITEM -12A TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN) * * *		7
- 15	168080-4		.. PLATE (F241522) RPLD BY ITEM 15A		1 RPD
15A	F0504091		.. PLATE (PAINT BLUE H034) RPLS ITEM -15		1
- 20	168080-2		.. FINGER EQUIPPED (F241521) RPLD BY ITEM 20A		1 RPD
20A	F0504109		.. FINGER EQUIPPED (PAINT BLUE H034) RPLS ITEM -20		1
25	QULBCR252LS		.. SLEEVE BALL (F090873)		2

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
8			1234567		
- 30	133010-3		*** DELETED *** ATTACHING PARTS		
- 35	FHC1-4NFX3-4		*** DELETED ***		
- 35A	355056ASMEB18-3		*** DELETED ***		
- 35B	F0524071		*** DELETED ***		
- 40	QUDIN47140X17		*** DELETED ***		
40A	QUDIN47140X175		.. RETAINER (F030719) SUPSDS ITEM -40		4
- 45	FHC1-4NFX1-2		*** DELETED ***		
- 45A	355041ASMEB18-3		*** DELETED *** * * *		
- 50	133010-31		*** DELETED ***		
- 55	133010-32		*** DELETED ***		
- 60	133010-33		*** DELETED ***		
- 65	10-0236-1		*** DELETED ***		
- 70	133010-34		*** DELETED ***		
- 75	CI7000D14		*** DELETED ***		
80	168090		. UPPER ROLLER BEARING ASSY (F262084)		1
85	133010-1		.. SUPPORT EQUIPPED (F030677) ATTACHING PARTS		2 NP
- 90	FHC1-4NFX3-4		.. SCREW RPLD BY ITEM -90A TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN ±15%)		6 RPD
- 90A	355056ASMEB18-3		.. SCREW (F355056) RPLS ITEM -90 RPLD BY ITEM 90B TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN ±15%)		6 RPD
90B	F0524071		.. SCREW (PAINT BLUE H034) RPLS ITEM -90A TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN ±15%) * * *		6
95	168080-4		.. PLATE (F241522)		1 NP
100	QULBCR252LS		.. SLEEVE BALL (F090873) ATTACHING PARTS		2
105	QUDIN47140X175		.. RETAINER (F030719) * * *		4

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
8			1234567		
110	133010-3		.. FITTING EQUIPPED (F030678W) (PAINT BLUE H034) ATTACHING PARTS		1
- 115	FHC1-4NFX1-2		.. SCREW RPLD BY ITEM 115A TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN ±15%)		3 RPD
115A	355041ASMEB18-3		.. SCREW (F355041) RPLS ITEM -115 TORQUE VALUE: 7.3 NM ±15% (64.61 LBF.IN ±15%) * * *		3
120	133010-31		... FITTING (F030679)		1 NP
125	133010-32		... BUSHING (F030680)		1 NP
130	133010-33		... SHAFT (F030681)		1
135	10-0236-1		... SPRING (F030723)		1
140	133010-34		... WASHER (F030682)		1
145	CI7000D14		... CIRCLIP (F023865)		1
150	168500-29		. LOWER ARM EQUIPPED (F241551)		1
- 150A	168500-28		*** DELETED *** ATTACHING PARTS		
155	BLC4R13NW		. PIP-PIN (F262806) ALT P/N 13275C4R13W * * *		2
160	168500-27		.. LOWER ARM (F242275)		1 NP
- 160A	168500-26		*** DELETED ***		
165	133500-012		.. END (F031458)		1
- 170	133500-013		.. RING, BROKEN ATTACHING PARTS		1
- 175	GPREF501-5X10		.. PIN (F031524) RPLD BY ITEM 175A		2 RPD

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
8			1234567		
175A	GPREF501-5X28		.. PIN (F287441) RPLS ITEM -175 * * *		1
180	168500-28		. UPPER ARM EQUIPPED (F241550) ATTACHING PARTS		1
185	BLC4R13NW		. PIP-PIN (F262806) ALT P/N 13275C4R13W * * *		2
190	168500-26		.. UPPER ARM (F242274)		1 NP
195	133500-012		.. END (F031458)		1
- 200	133500-013		.. RING, BROKEN ATTACHING PARTS		1
- 205	GPREF501-5X10		.. PIN (F031524) RPLD BY ITEM 205A		2 RPD
205A	GPREF501-5X28		.. PIN (F287441) RPLS ITEM -205 * * *		1
210	133500-04		. SCREW (F031465) TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		1
215	133500-03		. WASHER (F031462)		1

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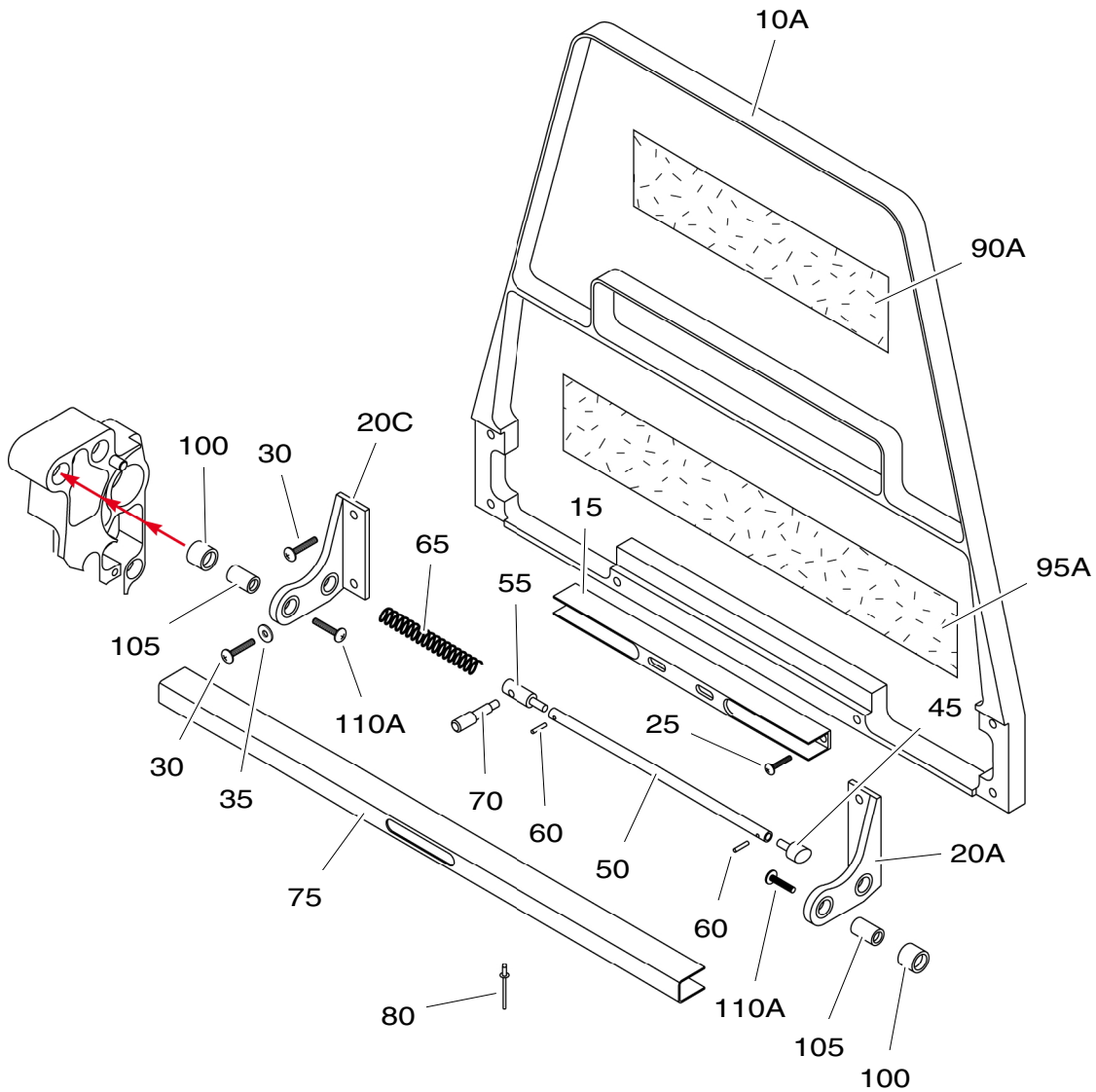
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Torque value items 25, 30, and 110A:
Refer to standard torque value table.



Headrest Equipped

Figure 9/GRAPHIC-25-11-96-950-809-A01

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
9			1234567		
- 1	168-07		HEADREST EQUIPPED SEE FIG. 1 FOR NHA		RF
- 5	168400		. HEADREST ASSY (F241577) RPLD BY ITEM -5A		1 RPD
- 5A	168400P40		. HEADREST ASSY (F0443693) RPLS ITEM -5		1
- 5B	F0407758		. HEADREST ASSY (PAINT BLUE H034) RPLD BY ITEM -5C		1 RPD
- 5C	168400H034		. HEADREST ASSY (PAINT BLUE H034) RPLS ITEM -5B		1
- 10	168400-10		.. HEADREST STRUCTURE (F241580) RPLD BY ITEM 10A		1 RPD
10A	168400-10P40		.. HEADREST STRUCTURE (F0413814) RPLS ITEM -10		1
15	168400-1		.. LATCH (F241531)		1
- 20	168400-7		.. FITTING EQUIPPED (LH) (F241528) RPLD BY ITEM 20A		1 RPD
20A	168400-7P40		.. FITTING EQUIPPED (LH) (F0413844) RPLS ITEM -20		1
- 20B	168400-16		.. FITTING EQUIPPED (RH) (F241529) RPLD BY ITEM 20C		1 RPD
20C	168400-16P40		.. FITTING EQUIPPED (RH) (F0468472) RPLS ITEM -20B		1
- 21	168500-6		... RING (F241537)		2
- 22	168400-16P40		*** DELETED *** ATTACHING PARTS		
25	NAS602-5		.. SCREW (F046548) ALT P/N VINAS6025 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	2

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
9			1234567		
30	NAS603-6		.. SCREW (F017011) ALT P/N VINAS6036 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE	80205	2
35	NAS1149F0363P		.. WASHER (F001092) ALT P/N R0AN96010 * * *	80205	2
- 40	168401-20-1		.. LOCK ASSY (LH) (F307977)		1
- 40A	168401-20-2		.. LOCK ASSY (RH) (F307978)		1
45	168401-21		... FINGER (F307976)		1 NP
50	168400-22		... TUBE (F262066)		1 NP
55	168400-23		... PUSHER (F242273)		1 NP
60	ISO8752-2X6ST		... PIN (F241566) ALT P/N GPMECAE2X6 TRUE P/N ISO8752-2X6-ST		2
65	RSNA8510620		.. SPRING (F231754)		1
70	168400-33		.. RELEASE PIN (F287493) POST SB 168-25-001		2
75	168400-2		.. PROTECTION PLATE (F241579) ATTACHING PARTS		1
80	TAPD33BS		.. RIVET (F000313) ALT P/N P0PTAPD33BS * * *		2
- 85	VELCR016-145A		.. AUTO-AGRIP, LOOP RPLD BY ITEM -85A (LENGTH 100 MM (3.93 IN.) X2)		AR RPD
- 85A	AACR016-145A		.. AUTO-AGRIP, LOOP (F091023) (COLOR: MARINE BLUE) RPLS ITEM -85 (LENGTH 100 MM (3.93 IN.) X2)		AR
- 90	VELCR050-145A		.. VELCRO LOOP RPLD BY ITEM 90A (LENGTH 205 MM (8.07 IN.))		AR RPD

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FIG. ITEM	PART NUMBER	AIRLINE PART No.	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
9			1234567		
90A	AACR050-145A		.. AUTO-AGRIP, LOOP (F091032) (COLOR: MARINE BLUE) RPLS ITEM -90 (LENGTH 205 MM (8.07 IN.))		AR
- 95	VELCR050-145A		.. AUTO-AGRIP, LOOP RPLD BY ITEM 95A (LENGTH 290 MM (11.41 IN.))		AR RPD
95A	AACR050-145A		.. AUTO-AGRIP, LOOP (F091032) (COLOR: MARINE BLUE) RPLS ITEM -95 (LENGTH 290 MM (11.41 IN.))		AR
100	168500-42		. BUSHING (F262823)		2
105	168500-41		. SPACER (F262822)		2
- 110	168000V1-102		. SCREW (F287015) TRUE P/N 168000VI-102 RPLD BY ITEM 110A TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2 RPD
110A	168000V1-102P40		. SCREW (F0417691) TRUE P/N 168000VI-102P40 RPLS ITEM -110 TORQUE VALUE: REFER TO STANDARD TORQUE VALUE TABLE		2

- ITEM NOT ILLUSTRATED

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