HYDRAULIC SYSTEM

HYDRAULIC POWER SYSTEM

The Hydraulic Power System provides the primary hydraulic power source for the aircraft.

Components are listed below.

- Engine-Driven Pump EDP
- Pump supply line self-sealing disconnect fitting
- Hydraulic filter
- Hydraulic hoses (supply, pressure, case drain)

A hydraulic damper on the Engine-Driven Pump is designed to dampen ripples from the output to minimize effects on pylon hardware.

If the pump fails to provide sufficient output pressure, the system will send an electrical signal to the ECAM display.

The hydraulic filter is installed on the left side of the fan case at 10:00.

For ease of maintenance, hydraulic hoses are equipped with quick-disconnect fittings, and the fittings are covered with a fire sleeve that slips on and off.

Safety Conditions

WARNING

DO NOT GET HYDRAULIC FLUID ON YOUR SKIN, IN YOUR EYES, OR IN YOUR MOUTH. HYDRAULIC FLUID IS POISONOUS AND CAN GO THROUGH YOUR SKIN AND INTO YOUR BODY. FLUSH HYDRAULIC FLUID FROM YOUR EYES, MOUTH, OR SKIN WITH WATER. GET MEDICAL AID IF YOU GET HYDRAULIC FLUID IN YOUR EYES OR MOUTH.

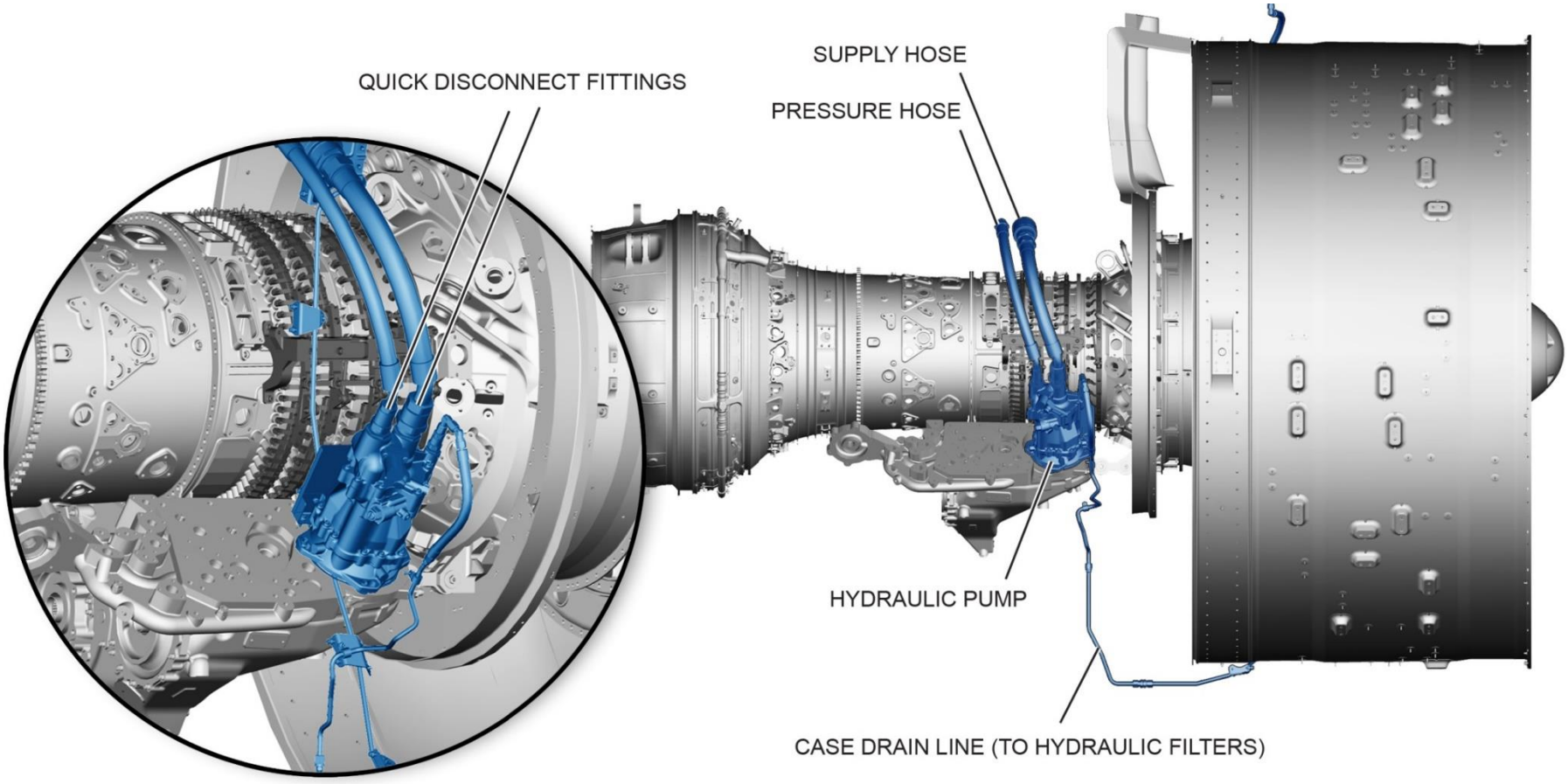
CAUTION

DO NOT LET HYDRAULIC FLUID SPILL ON THE ENGINE.

YOU MUST IMMEDIATELY REMOVE HYDRAULIC FLUID TO PREVENT DAMAGE TO ENGINE PARTS.

YOU MUST USE A SECOND WRENCH TO HOLD THE MATING PARTS WHEN LOOSEN OR TIGHTEN THE TUBE NUTS.

IF YOU DO NOT OBEY THIS CAUTION, YOU CAN TWIST OR DAMAGE THE TUBES.


QUICK DISCONNECT FITTINGS
SUPPLY HOSE
PRESSURE HOSE
HYDRAULIC PUMP
CASE DRAIN LINE (TO HYDRAULIC FILTERS)

INTENTIONALLY BLANK