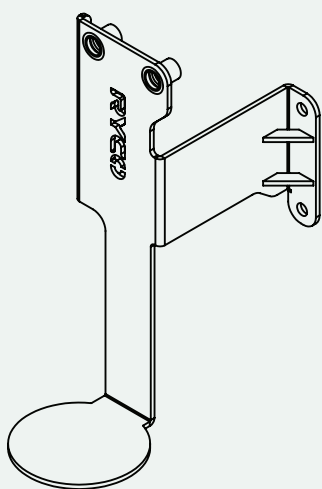


X120FW™

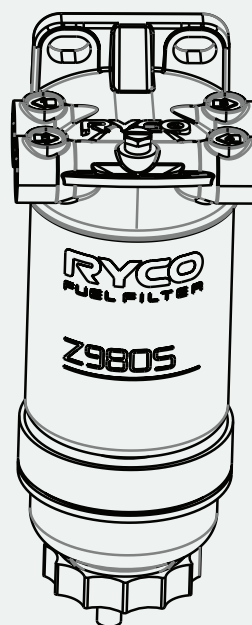
X120FW FUEL WATER SEPARATOR FITMENT INSTRUCTIONS

FORD NEXT GEN EVEREST - See RYCO catalogue for specific application details.

The Ryco X120FW kit includes a mounting bracket specifically designed for the vehicle, and all components required to complete the installation of Ryco Z980SK16 series fuel water separator. It is recommended that the installation is conducted by a qualified mechanic following the procedures in this instruction sheet.



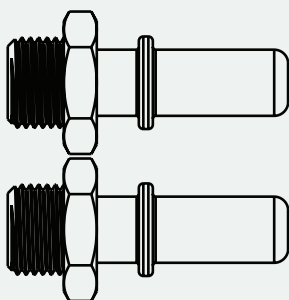
SECTION 1A
FUEL WATER SEPARATOR MOUNTING BRACKET



SECTION 1B
FUEL WATER SEPARATOR

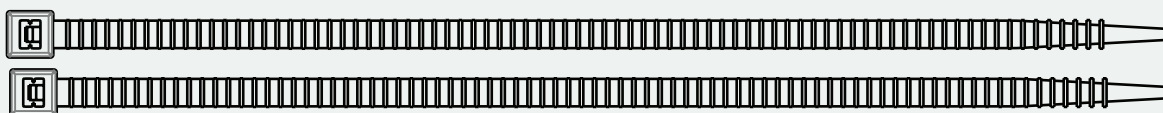
COMPONENTS INCLUDED IN X120FW KIT

X120FW COMPONENTS



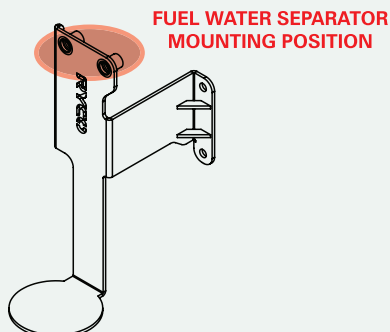
MS4096A x 2

MS4044 x 10



PARTS LIST - BRACKET, FUEL FILTER COMPONENTS

FB9819FC
MOUNTING BRACKET x 1



MF9819A ASSY
FUEL HOSE x 1

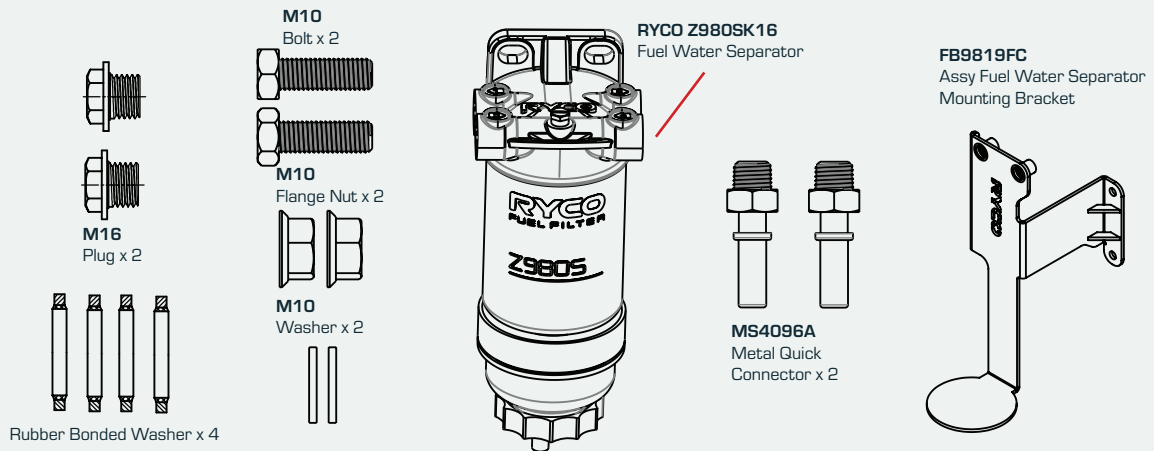


MF9820C ASSY
FUEL HOSE x 1



SECTION 1 FUEL WATER SEPARATOR SETUP

PARTS REQUIRED



TOOLS & PPE REQUIRED

- Ratchet Set
- Work Gloves
- Hose Clamp Pliers
- Rags

WORK PROCEDURE (1/3)

- 1 Select the supplied quick connectors that fit the Ryco fuel water separator head.
- 2 Locate the blanking plugs supplied with the fuel water separator.
- 3 Install the Ryco fuel water separator head with metal quick connectors, blanking plugs and rubber bonded washers, as per FIG. 1. Tighten blanking plugs (on port 3 & 4) and quick connectors (on port 1 & 2).
- 4 Mount Z980SK16 assembly onto the fuel water separator bracket using the two (2) black M10 bolts & washers supplied with the Z980SK16. and tighten these fasteners, as per FIG. 2.

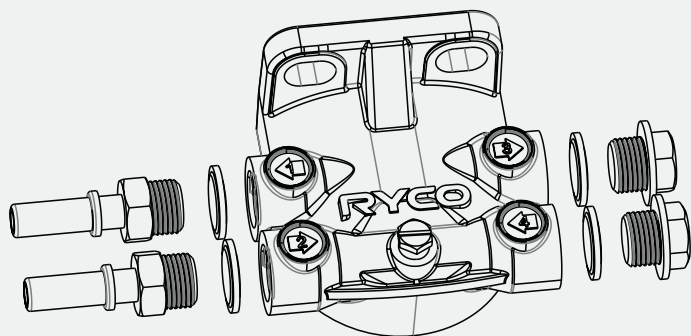


FIGURE 1
FUEL WATER SEPARATOR COMPONENTS PREPARATION

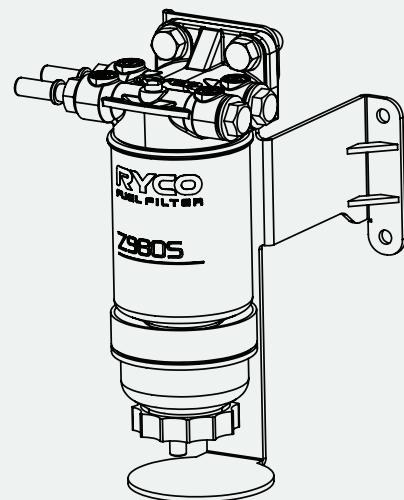
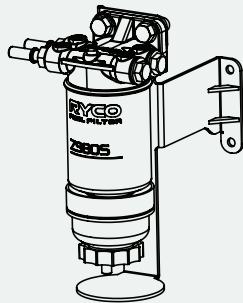


FIGURE 2
FUEL WATER SEPARATOR MOUNTING ASSEMBLY

SECTION 1B FUEL WATER SEPARATOR MOUNTING BRACKET FITMENT

PARTS REQUIRED



MF9819A
Assy Fuel Hose x 1



MF9820C
Fuel Hose x 1



TOOLS & PPE REQUIRED

- Ratchet Set
- Work Gloves

WORK PROCEDURE (1/3)

- 1 Loose harness fixed points A & B in the OE filter left side as per FIG. 3.
- 2 Remove LH two OE filter factory M6 x 25 bolts from point C & D as per FIG. 4A.
- 3 Loosen the factory clamp marked 1. Loosen the factory fuel hose quick connectors E & F and take out the fuel supply line from the tank to the factory filter. Have a rag ready to capture any diesel that may spill out of the fuel line and the fuel filter inlet pipe as per FIG. 4A & 4B.

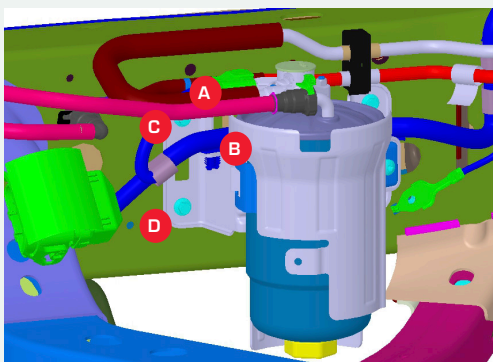


FIGURE 3
OE BRACKET IN CHASSIS

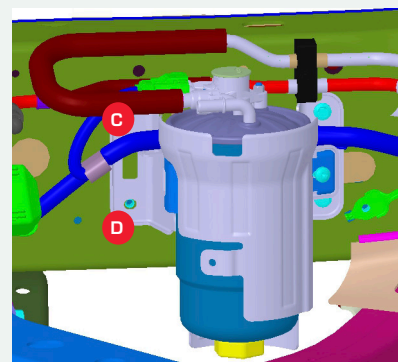


FIGURE 4A
OE BRACKET PARTIAL REMOVED

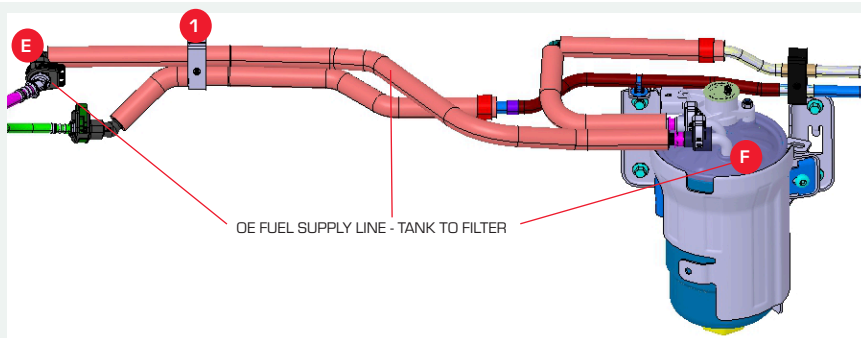


FIGURE 4B
OE FUEL HOSES CLAMP NEED BE LOOSENED

SECTION 1B FUEL WATER SEPARATOR INSTALLATION (CONTINUED)

- 4 Position the bracket on the left hand place of the OE filter bracket as per FIG. 5, placing point C at the top OE filter bracket holes, placing point D at the bottom place of the OE filter bracket.
- 5 Refit the factory M6 bolts at point C & point D onto the OE Filter bracket as per FIG. 5.
- 6 Fastener the OE filter M6 bolts at point C & D as per FIG. 6.
- 7 Connect the supplied MF9819A fuel hose to the outlet port fitting of the Z980SK16 (port 1 - inside) and connect the other end to the factory fuel filter inlet port and secure with the locker on. See FIG 7 for fuel hose routing.

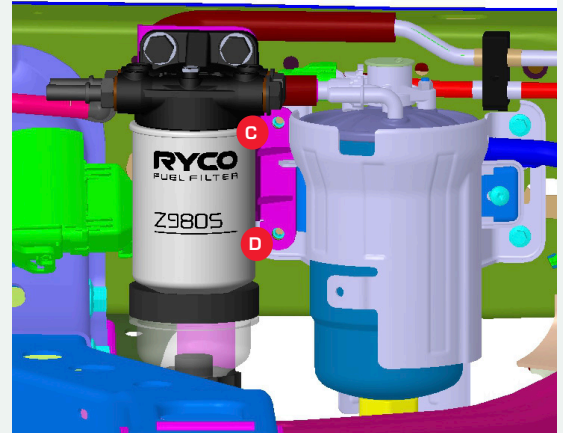


FIGURE 5
FUEL WATER SEPARATOR INSTALLATION

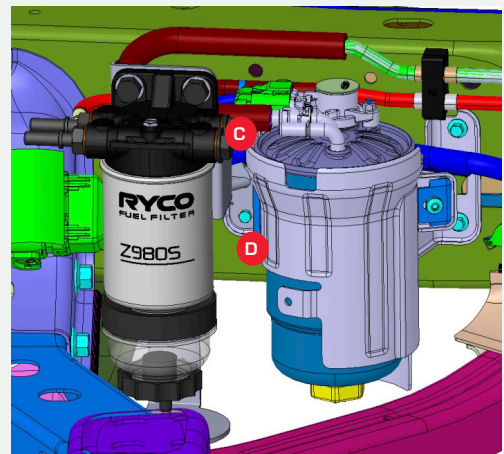


FIGURE 6
FUEL WATER SEPARATOR & OE FUEL FILTER INSTALLATION

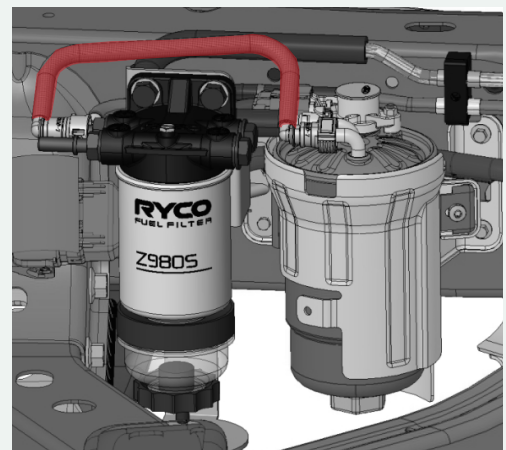


FIGURE 7
FUEL HOSE INSTALLATION - FUEL WATER SEPARATOR TO OE FILTER

SECTION 1B FUEL WATER SEPARATOR INSTALLATION (CONTINUED)

- 8 Connect the supplied MF9820C fuel hose (135 degree QC side end) to the inlet port fitting of the Z980SK16 and connect the other end (90 degree female side end) to the factory tank outlet port and secure with the locker on. See FIG. 8A , 8B & 8C for fuel hose routing.

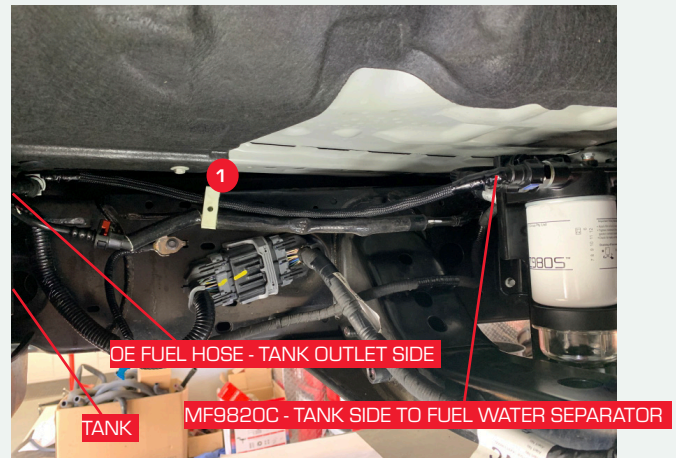


FIGURE 8A
FUEL HOSE INSTALLATION - TANK TO FUEL WATER SEPARATOR



FIGURE 8B
FUEL HOSE INSTALLATION - FUEL WATER SEPARATOR ENDSIDE



FIGURE 8C
FUEL HOSE INSTALLATION - FUEL WATER SEPARATOR ENDSIDE

SECTION 1B FUEL MOUNTING BRACKET FITMENT

- 9 The fuel supply lines are pre-formed nylon tubes. Carefully thread it back, down and installation. Ensure the locking tab is engaged. Check the fuel pipes routing to ensure they're not kinked. [See FIG. 9]
- 10 Ensure all quick connectors and locking tabs are secure. Check both fuel hoses are not jammed or kinked. For added security, use the supplied cable ties to secure the fuel hoses if necessary.
- 11 Start the engine. Check for any leaks.

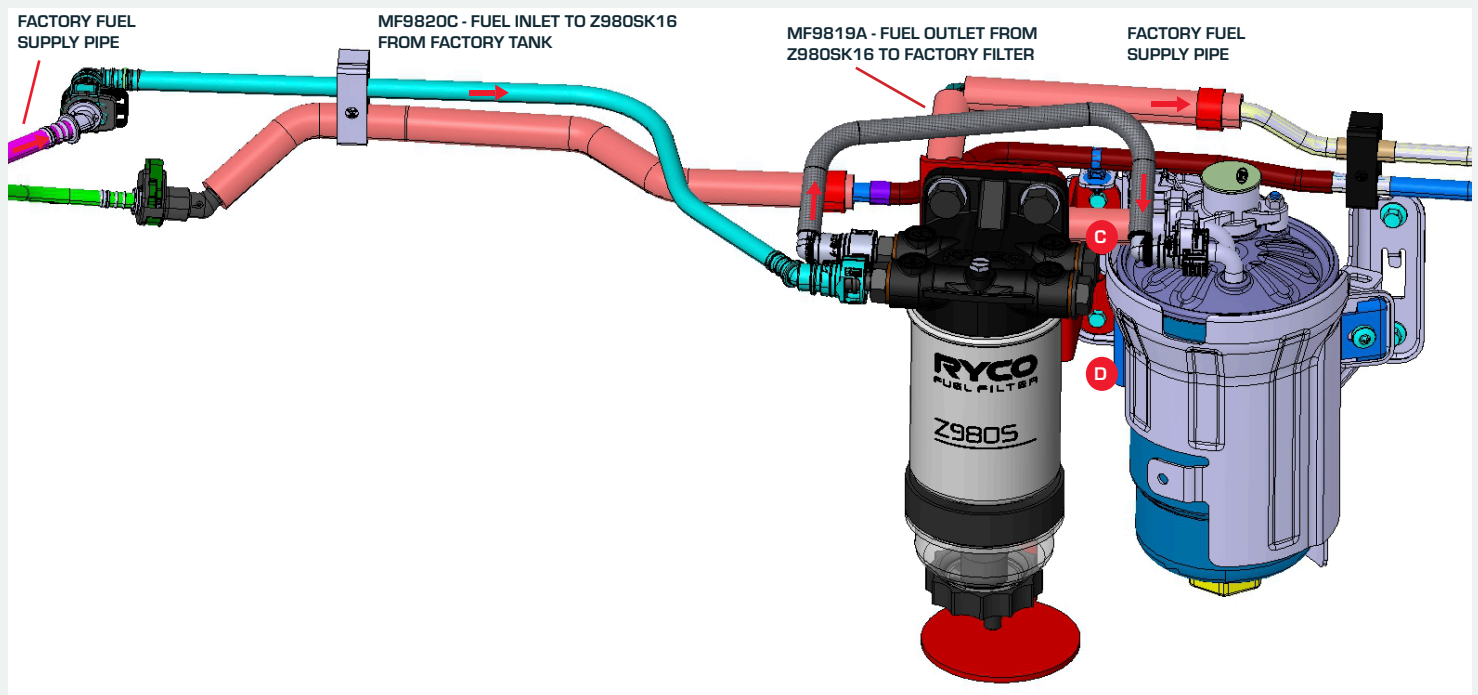


FIGURE 9
FUEL WATER SEPARATOR & OE FUEL FILTER INSTALLATION