



**MAINTENANCE
INFORMATION**

MI21-01

DATE :	January 2021	SECTION :	07 TRANSMISSION
SUBJECT :	VOLVO I-SHIFT TRANSMISSION REPLACEMENT - DIFFERENCE BETWEEN CONNECTIONS AT THE TOP OF THE OIL FILTER HOUSING		

First Release

14 Jan 2021

APPLICATION

Model	VIN	
Volvo 9700	From model year 2009	
Prevost	From model year 2011	

DESCRIPTION

When replacing a Volvo I-Shift transmission, it is imperative to follow the recommendations below.

MATERIAL

Order the following part:

Part No.	Description	Qty
20483578	GASKET, OIL FILTER HOUSING	1

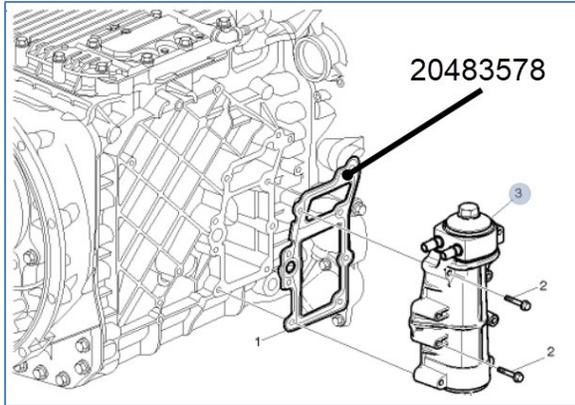
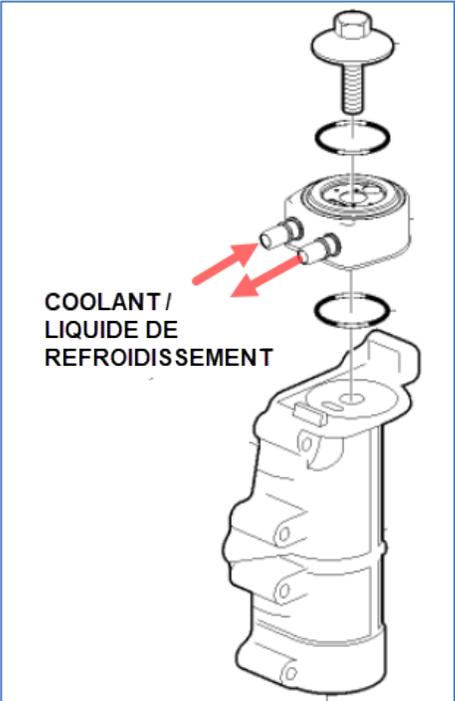


FIGURE 1: FILTER HOUSING GASKET

NOTE

Material can be obtained through regular channels.

VEHICLE	I-SHIFT TRANSMISSION OF ORIGIN	PARTICULARITY – OIL COOLING
Volvo 9700	I-Shift UTCOOL (Europe)	No oil cooling system at the top of the oil filter housing
Prevost	I-Shift TC-MWO (Europe)	<p data-bbox="857 399 1414 462">Oil cooling using engine coolant. Two tube fittings at the top of the oil filter housing.</p> <p data-bbox="857 474 1414 537">For this type of transmission, the oil is cooled by circulating coolant at the top of the filter housing.</p> <div data-bbox="862 554 1317 1255"><p data-bbox="902 842 1133 919">COOLANT / LIQUIDE DE REFROIDISSEMENT</p></div> <p data-bbox="857 1262 1382 1314"><i>FIGURE 2: I-SHIFT TC-MWO FILTER HOUSING (EUROPE)</i></p>

REMANUFACTURED I-SHIFT TRANSMISSION
AS REPLACEMENT PART

PARTICULARITY – OIL COOLING

I-Shift UTCOOL (Volvo Truck North America)

Threaded holes at the top of the oil filter housing for connection of oil circuit.

With this configuration, the oil is directed to an external heat exchanger.

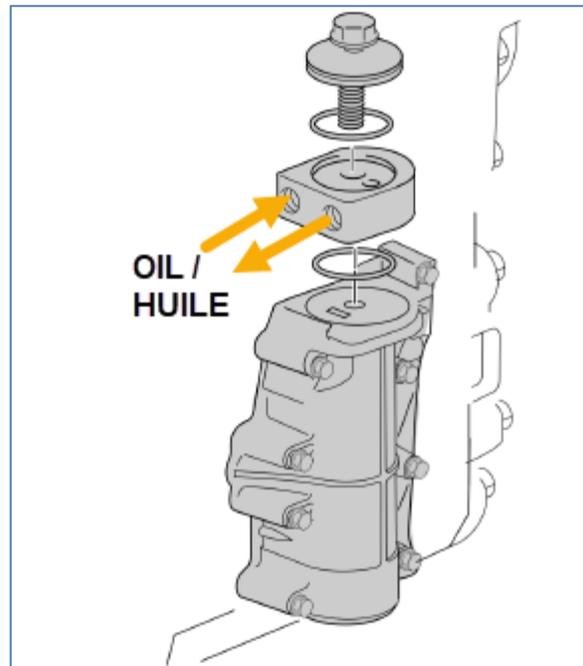


FIGURE 3: I-SHIFT UTCOOL FILTER HOUSING
(VOLVO TRUCK NORTH AMERICA)

PROCEDURE

PREVOST COACHES



VOLVO 9700

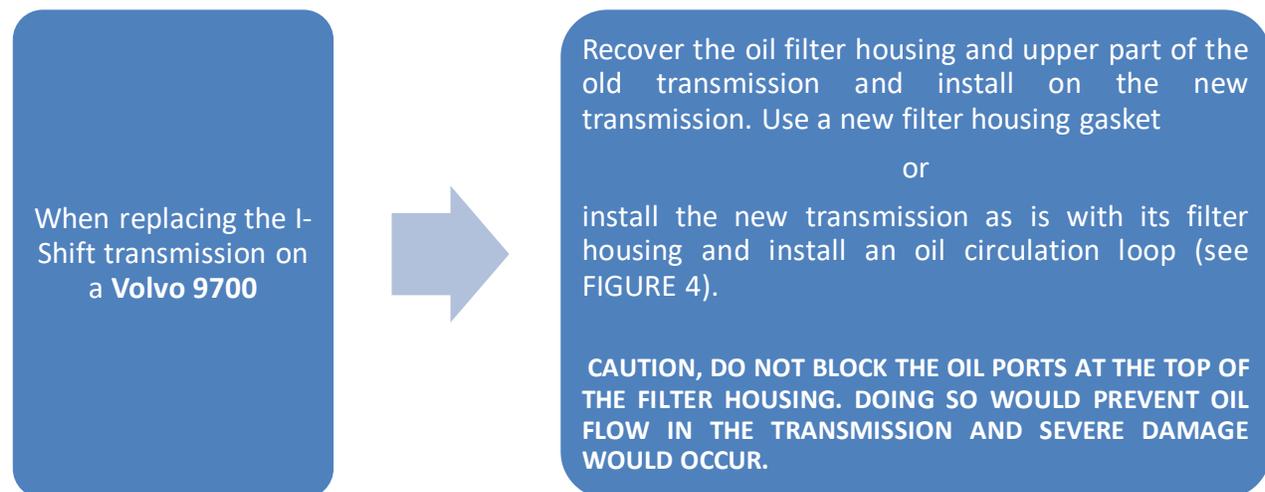




FIGURE 4: VOLVO 9700 – OIL CIRCULATION LOOP



Figure 5: DO NOT BLOCK THE CONNECTION PORTS AT THE TOP OF THE OIL FILTER HOUSING

PARTS / WASTE DISPOSAL

Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

Access all our Service Bulletins on <http://techpub.prevostcar.com/en/>
Or scan the QR-Code with your smart phone

Are you a Vehicle owner?
E-mail us at technicalpublications_prev@volvo.com and type "ADD" in the subject to
receive warranty bulletins applicable to your vehicle(s) by e-mail.

