

Air-to-Oil Coolers for DT12 in New Cascadia (FTL 173)

June 7, 2017

Effective: Chassis Starts on July 17, 2017

To provide improved transmission oil cooling and an extended transmission oil service interval of 400,000 miles, air-to-oil transmission oil coolers will replace water-to-oil coolers on Freightliner New Cascadia models with Detroit DT12 Automated Manual Transmissions (listed below). The water-to-oil transmission coolers will be discontinued. Truck Change Orders will be issued as follows:

- Truck Sales Orders including direct drive DT12 transmissions will be updated as follows:

Discontinued		Replaced By	
370-028	WATER TO OIL TRANS COOLER, IN RADIATOR END TANK FOR DT12 DIRECT DRIVE TRANS	370-002	AIR TO OIL TRANSMISSION COOLER*
370-998	NO TRANSMISSION OIL COOLER		

*All New Cascadia models equipped with *AIR TO OIL TRANSMISSION COOLERS* (370-030) will require a *LOWER RADIATOR GUARD* (168-002)

- Truck Sales Orders including overdrive DT12 transmissions will be updated as follows:

Discontinued		Replaced By	
370-015	WATER TO OIL TRANS COOLER, IN RADIATOR END TANK	370-002	AIR TO OIL TRANSMISSION COOLER*

*All New Cascadia models equipped with *AIR TO OIL TRANSMISSION COOLERS* (370-002) will require a *LOWER RADIATOR GUARD* (168-002)

DT12 TRANSMISSION DATA CODES FOR NEW CASCADIA	
DIRECT DRIVE - A: DT12-XXXX-DH1	
342-2AT	DT12-1550-DH1 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
342-2AU	DT12-1650-DH1 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
342-2AE	DT12-1750-DH1 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
DIRECT DRIVE - B: DT12-XXXX-DH1-8	
342-2AG	DT12-1250-DH1-8 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
342-2AH	DT12-1350-DH1-8 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
342-2AJ	DT12-1450-DH1-8 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
342-589	DT12-1550-DH1-8 HEAVY DUTY 12-SPEED DIRECT DRIVE AUTOMATED MANUAL TRANSMISSION
OVERDRIVE - A: DT12-XXXX-OH1	
342-2AR	DT12-1550-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AV	DT12-1650-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AW	DT12-1750-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AX	DT12-1850-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AF	DT12-2050-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
OVERDRIVE - B: DT12-XXXX-OH1-8	
342-2AK	DT12-1250-OH1-8 HEAVY DUTY 12-SPEED OVER DRIVE AUTOMATED MANUAL TRANSMISSION
342-2AM	DT12-1350-OH1-8 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AN	DT12-1450-OH1-8 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AP	DT12-1550-OH1-8 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION
342-2AD	DT12-1650-OH1-8 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION

Orders in the backlog and orders received through the next upcoming Price Level update will receive a discount to offset the price of required cooler and radiator guard in cases of adverse pricing impact.

Rhett Hayes

Application Engineering Manager

Freightliner Trucks

rhett.hayes@daimler.com

Daimler Trucks North America