Eaton® Truck Components Bulletin

TRIB-9611

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Truck Components Operations – North America
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Bulletin Type:
- ☑ Service Procedures
- ☑ Parts Information
- ☐ Warranty Info.

Product Line:
- ☐ Axle
- ☐ Brake
- ☐ Clutch
- ☑ Transmission
- ☐ AfterMarket
- ☐ Speciality

Topic:

Auxiliary Case Changes for Selected 10, 13, and 18 Speeds

Recent design changes in transmission auxiliary cases have resulted in the following changes.

Part Description & Quantity	Model*							
	RTL/F-11710B RTL/F-12710B RTL/F-13710B RTL/F-14710B RTLO/F-12713A RTLO/F-14713A		RTLO/F-11610B & T2 RTLO/F-12610B & T2 RTLO/F-13610B & T2		RTLO/F-14610B & T2 RTLO/F-15610B & T2 RTLO/F-16610B & T2		RTLO/F-14718B RTLO/F-16718B RTLO/F-18718B RTLO/F-20718B	
	New	**Current**	**New**	**Current**	**New**	**Current**	**New**	**Current**
Housing Rear (1)	4303588 or 4303589	4300917 or 4302337	4303642 or 4303643	4300702 or 4300864	4303592 or 4303593	4300863 or 4300181	4303585	4300915
Capscrews-Rear Housing (8)			X-8L-602 3/8"-16 x 1 1/2	X-8L-604 3/8"-16 x 1 1/4	X-8L-602 3/8"-16 x 1 1/2	X-8L-604 3/8"-16 x 1 1/4		
Splitter Cylinder (1)	4303582	21609	4303582	21609	4303582	21609	4303582	21609
Gasket Cylinder (1)	4303583	14632	4303583	14632	4303583	14632	4303583	14632
Aux. Countershaft Covers (2)	4302320	4300925	4302320	4300925	4302320	4300925	4302320	4300925
Gasket Cover (2)	4302246	4300186	4302246	4300186	4302246	4300186	4302246	4300186
Valve Assembly-T2 (1)			691300**	A-6617**	691300**	A-6617**		
Cap Screw - T2 Valve (1)			X-8L-500**	X-8L-601**	X-8L-500**	X-8L-601**		

Auxiliary changes for the models listed began with the following serial numbers.

Model Series	Serial Number	Date
RTLO/F-12713A and RTLO/F-14713A	51126209	September 17, 1996
RTLO/F-16713A (see table on reverse side)	51126221	September 17, 1996
RTLO/F-16713A-MT (see table on reverse side)	51121908	August 22, 1996
RTL/F-11710B and RTL/F-12710B and RTL/F-13710B and RTL/F-14710B	51129440	October 16, 1996
RTLO/F-14610B and RTLO/F-15610B and RTLO/F-16610B	51130829 and 70765646	October 16, 1996
RTLO/F-11610B and RTLO/F-12610B and RTLO/F-13610B	51135817 and 70768176	November 19, 1996
RTLO/F-14718B and RTLO/F-16718B and RTLO/F-18718B and RTLO/F-20718B	51130451	October 16, 1996

If your transmission serial number is different than what is listed above or the serial number tag is damaged or missing, refer to figure 1 on reverse side to determine proper parts required to service the transmission. **See reverse side for changes regarding the RTLO/F-16713A series.**

*** Refer to figure 1 on reverse side.**

**** For Top-2 10 speed models ONLY.**

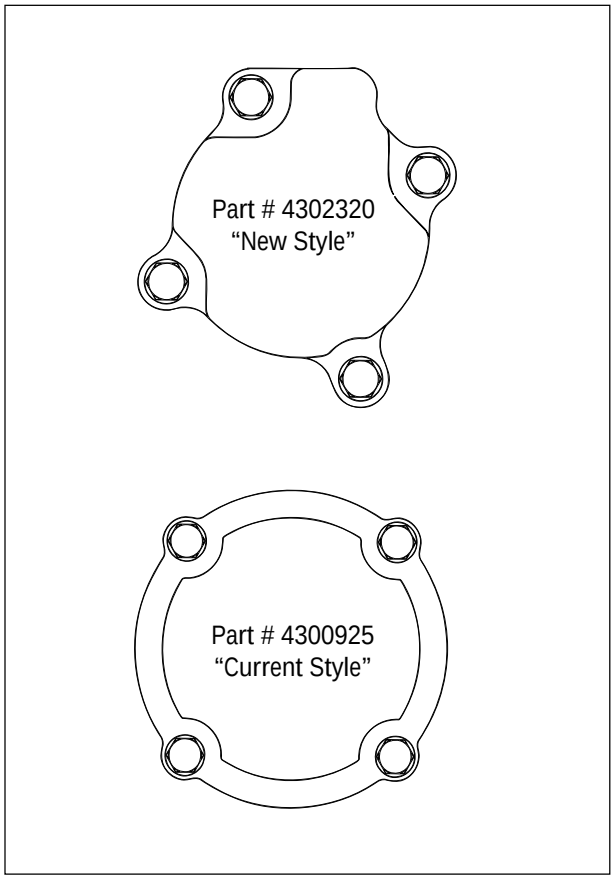
This bulletin contains product improvement information.
Eaton Corporation is not committed or liable for canvassing existing product.

Changes for RTLO/F-16713A

Part Description & Quantity	Model: RTLO/F-16713A-MT, RTLO/F-16713A	
	New	Current
Housing Rear (1)	4303588 or 4303589	4300915 or 4302338
Splitter Cylinder (1)	4303582	21609
Gasket Cylinder (1)	4303583	14632
Aux. Countershaft Covers (2)	4302320	4300925
Gasket Cover (2)	4302246	4300186
Auxiliary Countershafts (2)	A-6756	A-5943 or A-6604
Washers (2)	21342	4300897 or 4303124
Auxiliary Countershaft Bearings (4)	4302074	4301851
Range Yoke (1)	A-6188	A-6224
Splitter Yoke (1)	A-6304	A-6303
Main Case (1)	S-2686	S-2084

Auxiliary Countershaft Covers

Figure 1



NOTES: • **Parts are NOT interchangeable, do not mix, mixing parts may cause damage. Only replace parts with the same part number.**

- The two different designs are distinguishable by the shape of the auxiliary countershaft rear bearing covers. Refer to figure 1 above.
- The current parts will continue to be available through your service parts network to repair early model transmissions.
- Housing part numbers 4303589, 4302337, 4302338, 4303643, 4300864, 4303593, and 4300181 have the optional oil return hole.

Technology you can depend on

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