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SUPPORT

**Subject:** Fuller Advantage (FA) Automated Transmission Main Case Changes

**Document Number:** TAIB-0865

**Date:** November 6, 2017

**Updated:**

**Issue Description:**

Transmission main case changes are documented below. Reference TAIB-0864 for additional main case changes (Oil cooler port changes).

**Affected Models/Population:**

Model	Original Main Case Production P/N	Main Case Production P/N	Newest Main Case Production P/N	Product Change
Fuller Advantage Automated S-Ratio	4308354 S-3149 (Low Force Mainshaft Gearing)	4308769 S-3149 (BOM Change / Low Force Mainshaft Gearing)	4308975 S-XXXX (Standard Mainshaft Gearing)	Q1 2018
Fuller Advantage Automated C-Ratio	4308357 (Low Force Main Shaft Gearing) S-3148	4308679 (Standard Mainshaft Gearing)	4308772 S-3169 (Standard Mainshaft)	June 2015 Oct. 2016

**Field Strategy:**

When replacing the main case additional parts will be needed. See attached spreadsheet. When stock of original low force gearing mainshaft cases are depleted (S-3148 and S-3149), the newest production part number will have to be used.

Call the RoadRanger Call Center at 1-800-826-4357 for recommended software revisions.

**10 Speed “C” Ratio Low Force Gearing Mainshaft to Standard Mainshaft Gearing Changes:**

ADD as of 06/29/2015		
Part Number	Description	Quantity
4308221	Clutch, Sliding Mainshaft	1
4308607	Yoke (Low and Reverse)	1
4308094	Gear, Mainshaft (Reverse)	1
4308105	Gear, Mainshaft (1st)	1
4308112	Washer, Gear, Reverse	1
4302312	Spacer, Mainshaft Gear	1
4302184	Snap Ring	1
OMIT as of 06/29/2015		
4306540	Clutch, Sliding Mainshaft	1
4306286	Yoke (Low and Reverse)	1
4306612	Gear, Mainshaft, Reverse	1
4308103	Gear, Mainshaft, (1st)	1
4306292	Spacer, Gear (Reverse)	1
4306308	Snap Ring	1
4308351	Sleeve, Mainshaft (1st & Reverse)	1

**10 Speed “C” Ratio Standard Main Shaft Case Changes:**

Add as of 10-17-2016			
Part Number	Revised Part Number	Description	Quantity
4308679	4308772 (S-3169)	Main Case	1
A-8661		Aux Drive Bearing Assy.	1
16138		Bearing Retainer	1
4300120		Mainshaft Key	1
Omit as of 10-17-2016			
4308357 (S-3148)		Main Case	1
A-8441		Aux Drive Bearing Assy.	1
4300894		Bearing Retainer	1
4306293		Mainshaft Key	1

### 10 Speed “S” Ratio Low Force Gearing Main Shaft to Standard Mainshaft Gearing Changes:

		Add Q1 2018	
Part Number	Revised Part Number	Description	Quantity
4308997		Clutch, Sliding Mainshaft	1
4308607		Yoke (Low & Reverse)	1
4308095		Gear, Mainshaft (Reverse)	1
4308112		Washer, Gear Reverse	1
4302312		Spacer, Mainshaft Gear	1
4302184		Snap Ring	1
4308974		GEAR, MAINSHAFT (1ST)	1
4300120		KEY, MAINSHAFT	1
A-8661		BEARING ASSY, AUX DR	1
16138		Bearing Retainer	1
S-XXXX		Case (Standard Mainshaft Gearing)	1
		Omit Q1 2018	
4306540		Clutch, Sliding (Mainshaft)	1
4306286		Yoke, Low & Reverse	1
4306282		Gear, Mainshaft, Reverse	1
4306292		Spacer, Gear (Reverse)	1
4306308		Snap Ring	1
4308351		Sleeve, Mainshaft (1st & Reverse)	1
4308286		GEAR, MAINSHAFT, LOW	1
4306293		KEY, MAINSHAFT (SPECIAL)	1
A-8441		BEARING ASSY, AUX DR	1
4300894		Bearing Retainer	1
4308354	4308769	Main Case	1

#### Warranty Information:

##### Warranty Parts:

- See chart above

##### Warranty Labor:

- Per OEM SRT

##### Warranty Coverage:

- Standard and extended coverage remains the same, reference Eaton Warranty Guide TCWY0900 for more details.

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