

Unit Exchange Program Guide

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May 2007

Featuring U.S. and Canadian program instructions for
Fuller® Remanufactured Transmissions
Spicer® Carriers
Fuller® New and Remanufactured Electronics
Fuller® New Exchange Transmissions
Fuller® Remanufactured Transmissions (Canada)
Fuller® Clutches
VORAD® Collision Warning Systems

What's New

Transmission Products:

1. Electronic Core Return Kits
2. Transmission models updated
3. Returning a transmission with a different core value
4. Medium-Duty Reman Transmissions

VORAD Products:

1. Change in core eligibility time

NOTE: This publication supercedes all other Parts Marketing Bulletins relevant to Core & Warranty Return Information.

Including Bulletins:

TPMB-0101 dated 2-22-01

TPMB-0104 dated 7-15-01

and any other "Unit Exchange Program Guide" published prior to April 1, 2007.

Check with your OEM to see if they have a return policy that would override the policies in this publication.

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Introduction

About this publication

This guide is your reference for policies, procedures and core values for transmission, VORAD, clutch and axle products offered as part of the Roadranger Unit Exchange Program in effect at the time of publication. Except where otherwise noted, all information contained in this publication applies equally to Fuller Transmission models, Fuller Clutch models, as well as to Spicer axle models. Specific policies and procedures are subject to change without notice at the discretion of Eaton Corporation or Dana Corporation.

Questions concerning subjects not covered in this publication can be referred to Roadranger Call Center in the U.S. and Canada at 1-800-826-4357. In Mexico, call 001-800-826-4357.

Ordering Procedures

All orders for Roadranger unit exchange products should be placed primarily through your OEM.

“Truck down” orders may be placed directly with Eaton or Dana (before 8:00 PM Eastern Standard Time) if inventory is unavailable through your OEM. Distribution centers have been located throughout the United States to expedite your unit delivery.

NOTE: If you place your order by 1 PM EST, your order will be shipped the same day, if unit is available.

1-800-826-HELP (4357)

Phone Prompts:

Technical/Warranty Help

Automated Products1-1

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Pressing # at any time will return you to previous menu.

In U.S.A:

For Reman Transmission, New Exchange Transmission, and Axles 1-800-826-HELP (4357)

In Canada (until 7 p.m. EST):

All Transmissions and Axles 1-888-507-1500

Clutches 1-905-563-4119

In Mexico: 001-800-826-4357

Please refer to the parts publications shown below for specific model ordering information:

Product	Reference Publication
- Fuller Reman and Fuller Transmission Exchange	TRMT0951
- Spicer Carrier	AXIP0070
- Fuller Rebuilt Transmissions (for Canada)	APSL0011
- Fuller Clutches	CLFD1292

Product Modification

Fuller Transmission –

Product modifications made without express approval by Eaton, other than to install speedometer parts, shift bar housing or an output yoke, may affect warranty coverage – and the facility making the modification can be held responsible.

Fuller Clutches-

Product modification is not allowed. The complete installation cannot be modified.

Spicer Carrier –

Limited modifications such as side gear changeout are permissible by the selling dealer on Carriers.

Heavy-Duty Transmission Core Return Procedures

See page 13 for CEEMAT Transmission Core Return Procedures.

General Policies

All cores should be returned freight collect within 12 months of purchase to the designated Eaton core return location. (See map, page 18.)

Warranty units must be returned to the designated location with completed return documentation. (See page 18 for shipping addresses.)

Transmission cores returned must match a unit currently included in the core return list (see pages 8-9).

If possible, return the core with the pallet and/or original container received with the unit, and properly secure the core to the pallet. Damage in shipment due to negligence in packaging will be the responsibility of the dealer.

Ship the core collect to the designated Eaton core return location using an Eaton approved freight carrier identified within the purchased **unit's core return packet**. Use of any freight carrier other than those approved will result in \$100 being deducted from core credit.

Determining Acceptability of a Core:

The dealer must remove the shift bar housing to properly inspect the core to determine if the core is acceptable. No other disassembly is required. Cores must be returned in assembled condition.

Cores returned in the following condition are **unacceptable** and will be returned to the dealer freight collect or scrapped.

1. Internal Rust
2. Missing parts such as Shift Bar Housing or Range Section
If the replacement Eaton Transmission came with a clutch housing, the returned core must have a clutch housing
3. Transmission not on the acceptable model list (p. 8-9)
4. Core that cannot be **completely** drained because the oil has gelled, hardened or turned to "tar"
5. Three or more housings cracked

Freight charges for a second core returned to replace an unacceptable core if permitted, are the responsibility of the dealer.

Questions on core credits should be directed to your OEM. Do not call regarding core credits.

The following instructions are necessary to conduct proper evaluation of cores. Steam cleaning, which is recommended by Eaton prior to returning the core, should precede the evaluation to allow a more thorough and accurate inspection.

Transmission Core Evaluation

1. Determine the core model. Transmission cores with mismatched front and auxiliary sections assume the core value of the lesser model.
2. Make a thorough external inspection for visible cracks. Look closely at highly stressed areas around capscrew holes, rear transmission support studs, etc.
3. Verify that the core is complete. Warranty cores do not need to be assembled. Required items include; clutch housing (except new unit exchange), main case and range section, shift bar housing, and all internal components.
4. Remove and retain other external equipment and accessories.
5. Complete the core evaluation form for each transmission and attach to the appropriate transmission assembly.
6. Only transmission cores listed on pages 8-9 are acceptable by Eaton for return.
7. All transmissions with a core value are assigned to groups based upon the core value of the units.

Core Groups

300	1000	1500	2200	3000
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With each purchase of a transmission, core eligibility will be applied against a specific core group of equal value to the core charged. The OEM will have 12 months to return a core against credit in any core group.

When the OEM/dealer returns a core, eligibility will be checked against the core group for the value of the core returned. If eligibility exists within that group, core credit will be applied equal to the core value of the unit returned, minus any deductions.

When Fuller Reman receives a core and the OEM has no core eligibility within the core group of the core returned, Fuller Reman will hold the core credit for 30 days waiting for a purchase of a transmission with equal core value. If a Reman purchase is made within the 30 days, credit will be issued for the core received without eligibility, against the Reman purchase. After 30 days, cores returned ahead of Reman purchases that have not been used, will become the property of Eaton Corporation and no credit will be given.

Transmission Core Deductions

- One or two broken, cracked or welded housings* \$225
- Failure to completely drain \$100
- Failure to use approved freight carriers \$100
for returned core

**If three or more broken, cracked or welded housings, core is unacceptable. Do not return for credit.*

Returning a Transmission with a Different Core Value

When returning a transmission with a different core than the one purchased:

1. Confirm that the transmission to be returned is listed on pages 8-9.
2. Only return heavy-duty transmissions for a heavy-duty purchase and medium-duty transmissions for a medium-duty purchase.
3. Remove the blue core tag from the purchased transmission's core packet and **completely fill in all information** on the tag. Retain a copy of the core return tag for your records.
4. Securely attach the blue tag to the core and return per your OEM's instructions.
5. Core credit will be given for the returned unit.
6. Core eligibility will be removed from the purchased transmission's group.

For example: purchase an RTLO-16918B transmission having a \$3000 core and return an FRO-16210C transmission having a \$2200 core. Core credit will be given for \$2200 and core eligibility will be removed from the \$3000 core group. No banking for excess cores is allowed. Credit will only be given if the OEM has eligibility in the core removal group.

All returned units are subject to core evaluations and deductions per this guide. Heavy-duty models cannot be returned for medium-duty purchases and medium-duty models cannot be returned for heavy-duty purchases.

OEM procedures may have different requirements. Please check with your OEM for return requirements.

Transmission Core Return Shipping Weights

HEAVY-DUTY MECHANICAL AND SEMI-AUTOMATED MODELS/SERIES	APPROX. CORE WEIGHT (LBS.)
RT-6609, 8609	480
FRLO-14410C-T2, 15410C-T2, 16410C-T2	630
RT-6613	655
T-14607, RT-8709, 8608L, 11609B/P/R, 12609B/P/R, 12709, 13609A, 13609B, 14709H	685
RT-13709	690
FR-9210, 12210, 13210, 14210	695
RT-7608LL	700
FR-15210, 16210, 17210, 18210, RTO-16210C, RT-9710	705
RT-12710, RT-14609B, RT-14709	710
RT-16709B,H, RTOC-16709A	720
RTLO-13610B/T2, 11610B-T2, 12610B/T2	725
RT-6610, RTLO-14610/T2, 15610B-T2, 16610B/T2, 17610B-T2, 18610B-T2	730
RTLO-15710, 16710	735
RTLO-14613B	765
RT-11709MLL, 11909MLL, 14709MLL, 14909A/MLL, 16909ALL	775
RT-13710, RTL-13710B	785
RTLO-14710, RTL-14710B/T2, RT-8908LL, 11908LL, 14908LL, 16908LL, 16909A/T2	790
RT-14715, 14915, 15715, 16915, 14708LL	800
RT-14615, 15615	805
RTLO-12713A, 14713A/T2, 12913A, 14913A	815
RTLO-16713A/T2, 16913A, 18913A/T2, 20913A, RTLO-14618A, 14718B/T2, 16718/T2, 18718B/T2, 14918B, 16918B, 18918B, 20918B, 22918B	820
RTLO-16618A, RTLC-16609E, 11708LL	850

HEAVY-DUTY FULLY AUTOMATED MODELS/SERIES (WITH ELECTRONICS)	APPROX. CORE WEIGHT (LBS.)
RTO-10710-AS2, 10910-AS2, 12710-AS2, 12910-AS2	730*
RTO-14710-AS2, 14910-AS2	750*
RTO-16710-AS2, 16910-AS2, 18910-AS2, FM-14C310B-LST, FM-15D310B-LST	760*
RTLO-14918-AS2, 16918-AS2, 18918-AS2, 20918-AS2, 22918-AS2, FO-16D313E-LEP, FOM-16D313E-LEP	840*

* Notes:

- 1) Subtract 20 pounds for units shipped without electronics.
- 2) Add 20 additional pounds to DM models with inertia brake.

MEDIUM-DUTY MANUAL AND AUTOMATED MODELS	APPROX. CORE WEIGHT (LBS.)
FS-5306, FS-5406, FS-6306, FS-6406	345
FSO-8406	356
F-6406N-ASW, F-6406N-AW3, FO-6406A-ASW, FO-6406A-AW3, FO-8406A-ASW, FO-8406A-AW3	602

Medium-Duty Transmission Core Return Procedures

General Policies

All cores should be returned freight collect within 12 months of purchase to the designated Eaton core return location. (See map, page 18.)

Warranty units must be returned to the designated location with completed return documentation. (See page 18 for shipping addresses.)

Transmission cores returned must match a unit currently included in the core return list (see pages 8-9).

If possible, return the core with the pallet and/or original container received with the unit, and properly secure the core to the pallet. Damage in shipment due to negligence in packaging will be the responsibility of the dealer.

Ship the core collect to the designated Eaton core return location using an Eaton approved freight carrier identified within the purchased unit's core return packet. Use of any freight carrier other than those approved will result in \$100 being deducted from core credit.

Determining Acceptability of a Core:

The dealer must remove the shift bar housing to properly inspect the core to determine if the core is acceptable. No other disassembly is required. Cores must be returned in assembled condition.

Cores returned in the following condition are **unacceptable** and will be returned to the dealer freight collect or scrapped.

1. Internal Rust
2. Missing parts such as Shift Bar Housing
3. Transmission not on the acceptable model list (p. 8-9)

Freight charges for a second core returned to replace an unacceptable core if permitted, are the responsibility of the dealer.

Questions on core credits should be directed to your OEM. Do not call regarding core credits.

The following instructions are necessary to conduct proper evaluation of cores. Steam cleaning, which is recommended by Eaton prior to returning the core, should precede the evaluation to allow a more thorough and accurate inspection.

Transmission Core Evaluation

1. Determine the core model.
2. Make a thorough external inspection for visible cracks. Look closely at highly stressed areas around capscrew holes, rear transmission support studs, etc.
3. Verify that the core is complete. Warranty cores do not need to be assembled. Required items include; main case section, shift bar housing, and all internal components.
4. Remove and retain other external equipment and accessories.
5. Complete the core evaluation form for each transmission and attach to the appropriate transmission assembly.
6. Only transmission cores listed on pages 8-9 are acceptable by Eaton for return.
7. All transmissions with a core value are assigned to groups based upon the core value of the units.
8. Heavy Duty cores will not be accepted for Medium-Duty core eligibility.

Core Groups

600 800 1000 1750

With each purchase of a transmission, core eligibility will be applied against a specific core group of equal value to the core charged. See "returning a transmission with a different core value."

The OEM will have 12 months to return a core against credit in any core group.

When the OEM/dealer returns a core, eligibility will be checked against the core group for the value of the core returned. If eligibility exists within that group, core credit will be applied equal to the core value of the unit returned, minus any deductions.

Manual transmissions received without the original serial tag will be placed in core groups based upon the part number of the output shaft.

Output Shaft Part Number	Core Group
4301468	600
4304549	800

When Fuller Reman receives a core and the OEM has no core eligibility within the core group of the core returned, Fuller Reman will hold the core credit for 30 days waiting for a purchase of a transmission with equal core value. If a Reman purchase is made within the 30 days, credit will be issued for the core received without eligibility, against the Reman purchase. After 30 days, cores returned ahead of Reman purchases that have not been used, will become the property of Eaton Corporation and no credit will be given.

Transmission Core Deductions

- Cracked or welded main case	\$100
- Failure to completely drain	\$100
- Failure to use approved freight carriers	\$100

Heavy-Duty Transmission Core Values by Model

Only models listed below are acceptable for return. As models are added to the program, new core values will also be established.

MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)
FM-14D310B-LST	1,000	RT-12710B	1,000	RTF-14715	1,000	RTLO-20718B	2,200
FM-15D310B-LST	1,000	RT-13609A	300	RTF-14915	1,500	RTLO-18913A	3,000
FO-16D313E-LEP	3,000	RT-13709H	1,500	RTF-15615	1,000	RTLO-18913A-T2	3,000
FOM-16D313E-LEP	3,000	RT-13710B	1,000	RTF-15715	1,000	RTLO-18918A-AS2	3,000
FR-11210B	1,500	RT-14609A	300	RTF-8608L	300	RTLO-18918B	3,000
FR-12210B	1,500	RT-14615	1,000	RTF-8709B	300	RTLO-18918B-AS	3,000
FR-13210B	1,500	RT-14709H	1,500	RTF-8908LL	300	RTLO-20913A	3,000
FR-14210B	1,500	RT-14710B	1,000	RTF-9710B	1,000	RTLO-20918A-AS2	3,000
FR-15210B	1,500	RT-14710B-AS2	1,000	RTL-13710B	300	RTLO-20918B	3,000
FR-9210	1,500	RT-14715	1,000	RTL-14710B	300	RTLO-20918B-AS	3,000
FRF-11210B	1,500	RT-14910B-AS2	1,000	RTL-14710B-T2	300	RTLO-22918A-AS2	3,000
FRF-12210B	1,500	RT-14915	1,500	RTLC-16609E	1,500	RTLO-22918B	3,000
FRF-13210B	1,500	RT-15615	1,000	RTLF-13710B	300	RTLOC-16909A-T2	1,500
FRF-14210B	1,500	RT-15715	1,000	RTLF-14710B	300	RTLOFC-16909A-T2	1,500
FRF-15210B	1,500	RT-6609A	300	RTLF-14710B-T2	300	RTLOF-11610B-T2	300
FRF-9210B	1,500	RT-6610	1,000	RTLO-11610B-T2	300	RTLOF-12610B	300
FRLO-14410C-T2	2,200	RT-6613	1,000	RTLO-12610B	300	RTLOF-12610B-T2	300
FRLO-15410C-T2	2,200	RT-7608LL	1,000	RTLO-12610B-T2	300	RTLOF-12713A	2,200
FRLO-16410C-T2	2,200	RT-8608L	300	RTLO-12713A	2,200	RTLOF-12913A	3,000
FRLOF-16410C-T2	2,200	RT-8609	300	RTLO-12913A	3,000	RTLOF-13610B	300
FRO-11210B	1,500	RT-8709B	300	RTLO-13610B	300	RTLOF-13610B-T2	300
FRO-11210C	2,200	RT-8908LL	300	RTLO-13610B-T2	300	RTLOF-14610A	300
FRO-12210B	1,500	RT-9710B	1,000	RTLO-14610A	300	RTLOF-14610B	300
FRO-12210C	2,200	RTA-14710B-AS	1,000	RTLO-14610B	300	RTLOF-14610B-T2	300
FRO-13210B	1,500	RTAO-10710B-AC	1,000	RTLO-14610B-T2	300	RTLOF-14613B	1,500
FRO-13210C	2,200	RTAO-10710B-AS	1,000	RTLO-14613B	1,500	RTLOF-14618A	1,500
FRO-14210B	1,500	RTAO-10710C-AC	1,500	RTLO-14618A	1,500	RTLOF-14713A	2,200
FRO-14210C	2,200	RTAO-10710C-AS	1,500	RTLO-14713A	2,200	RTLOF-14713A-T2	2,200
FRO-15210B	1,500	RTAO-12710B-AC	1,000	RTLO-14713A-T2	2,200	RTLOF-14718B	2,200
FRO-15210C	2,200	RTAO-12710B-AS	1,000	RTLO-14718B	2,200	RTLOF-14913A	3,000
FRO-16210B	1,500	RTAO-12710C-AC	1,500	RTLO-14718B-T2	2,200	RTLOF-14918B	3,000
FRO-16210C	2,200	RTAO-12710C-AS	1,500	RTLO-14913A	3,000	RTLOF-15610B-T2	300
FRO-17210C	2,200	RTAO-14710B-AC	1,000	RTLO-14918A-AS2	3,000	RTLOF-15618	1,500
FRO-18210C	2,200	RTAO-14710B-AS	1,000	RTLO-14918B	3,000	RTLOF-16610B	300
FROF-11210B	1,500	RTAO-14710C-AC	1,500	RTLO-14918B-AS	3,000	RTLOF-16610B-T2	300
FROF-11210C	2,200	RTAO-14710C-AS	1,500	RTLO-15610B-T2	300	RTLOF-16618A	1,500
FROF-12210B	1,500	RTAO-16710B-AC	1,000	RTLO-16610B	300	RTLOF-16713A	2,200
FROF-12210C	2,200	RTAO-16710B-AS	1,000	RTLO-16610B-T2	300	RTLOF-16713A-T2	2,200
FROF-13210B	1,500	RTAO-16710C-AC	1,500	RTLO-16618A	1,500	RTLOF-16718A	2,200
FROF-13210C	2,200	RTAO-16710C-AS	1,500	RTLO-16713A	2,200	RTLOF-16718B	2,200
FROF-14210B	1,500	RTF-11609A	300	RTLO-16713A-T2	2,200	RTLOF-16913A	3,000
FROF-14210C	2,200	RTF-11709H	1,500	RTLO-16718B	2,200	RTLOF-16918B	3,000
FROF-15210B	1,500	RTF-11710B	1,000	RTLO-16718B-T2	2,200	RTLOF-17610B-T2	300
FROF-15210C	2,200	RTF-12609A	300	RTLO-16913A	3,000	RTLOF-18610B	300
FROF-16210B	1,500	RTF-12709H	1,500	RTLO-16913E-DM3	3,000	RTLOF-18718B	2,200
FROF-16210C	2,200	RTF-12710B	1,000	RTLO-16913L-DM3	3,000	RTLOF-18913A	3,000
FROF-17210C	2,200	RTF-13609A	300	RTLO-16918A-AS2	3,000	RTLOF-18913A-T2	3,000
FROF-18210C	2,200	RTF-13709H	1,500	RTLO-16918B	3,000	RTLOF-18918B	3,000
RT-11609A	300	RTF-13710B	1,000	RTLO-16918B-AS	3,000	RTLOF-20918B	3,000
RT-11709H	1,500	RTF-14609A	300	RTLO-17610B-T2	300	RTLOF-22918B	3,000
RT-11710B	1,000	RTF-14615	1,000	RTLO-18610B	300	RTL0M-16913E-DM3	3,000
RT-12609A	300	RTF-14709H	1,500	RTLO-18718B	2,200	RTL0M-16913L-DM3	3,000
RT-12709H	1,500	RTF-14710B	1,000	RTLO-18718B-T2	2,200	RT0-10710B-AS2	1,000

Heavy-Duty Transmission Core Values by Model *continued*

MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)
RTO-10910B-AS2	1,000	RTO-16710C-AS2	1,500	RTOF-16908LL	1,500	RTX-16710B	1,000
RTO-10910B-AS3	1,000	RTO-16908LL	1,500	RTOF-16909ALL	300	RTX-16710C	1,500
RTO-10910B-DM3	1,000	RTO-16909ALL	300	RTOF-16915	1,500	RTXF-11609B	1,000
RTO-11609B	1,000	RTO-16910B-AS2	1,000	RTOM-16910B-DM3	1,000	RTXF-11609P	300
RTO-11708LL	1,000	RTO-16910B-AS3	1,000	RTX-11609B	1,000	RTXF-11710B	1,000
RTO-11709MLL	300	RTO-16910B-DM2	1,000	RTX-11609P	1,000	RTXF-11710C	1,500
RTO-11908LL	1,500	RTO-16910B-DM3	1,000	RTX-11609R	1,000	RTXF-12609A	300
RTO-11909MLL	300	RTO-16910C-AS2	1,500	RTX-11708LL	1,000	RTXF-12609B	1,000
RTO-12609B	1,000	RTO-16910C-AS3	1,500	RTX-11710B	1,000	RTXF-12709H	1,500
RTO-12710B-AS2	1,000	RTO-16915	1,500	RTX-11710C	1,500	RTXF-12710B	1,000
RTO-12910B-AS2	1,000	RTO-18910B-AS2	1,000	RTX-12609B	1,000	RTXF-12710C	1,500
RTO-12910B-AS3	1,000	RTO-18910B-AS3	1,000	RTX-12609P	300	RTXF-13609B	1,000
RTO-12910B-DM3	1,000	RTO-6610	1,000	RTX-12609R	300	RTXF-13609P	300
RTO-14609A	300	RTO-6613	1,000	RTX-12709H	1,500	RTXF-13609R	300
RTO-14609B	1,000	RTOC-16709A	1,500	RTX-12710B	1,000	RTXF-13709H	1,500
RTO-14613	1,000	RTOC-16909A	1,500	RTX-12710C	1,500	RTXF-13710B	1,000
RTO-14615	1,000	RTOC-18909A	1,500	RTX-13609B	1,000	RTXF-13710C	1,500
RTO-14708LL	1,000	RTOF-11709MLL	300	RTX-13609P	300	RTXF-14609B	1,000
RTO-14709MLL	300	RTOF-16909A	1,500	RTX-13609R	300	RTXF-14609P	300
RTO-14710B-AS2	1,000	RTOF-11908LL	1,500	RTX-13709H	1,500	RTXF-14609R	300
RTO-14710C-AS2	1,500	RTOF-11909MLL	300	RTX-13710B	1,000	RTXF-14610	1,000
RTO-14715	1,000	RTOF-12609B	1,000	RTX-13710C	1,500	RTXF-14615	1,000
RTO-14813	1,000	RTOF-14609A	300	RTX-14609A	300	RTXF-14708LL	1,000
RTO-14908LL	1,500	RTOF-14609B	1,000	RTX-14609B	1,000	RTXF-14709H	1,500
RTO-14909ALL	300	RTOF-14613	1,000	RTX-14609P	300	RTXF-14710B	1,000
RTO-14909MLL	300	RTOF-14615	1,000	RTX-14609R	300	RTXF-14710C	1,500
RTO-14910B-AS2	1,000	RTOF-14708LL	1,000	RTX-14615	1,000	RTXF-14715	1,000
RTO-14910B-AS3	1,000	RTOF-14709M	300	RTX-14708LL	1,000	RTXF-15615	1,000
RTO-14910B-DM2	1,000	RTOF-14715	1,000	RTX-14709H	1,500	RTXF-15710B	1,000
RTO-14910B-DM3	1,000	RTOF-14813	1,000	RTX-14710B	1,000	RTXF-15710C	1,500
RTO-14910C-AS2	1,500	RTOF-14908LL	1,500	RTX-14710C	1,500	RTXF-15715	1,000
RTO-14910C-AS3	1,500	RTOF-14909ALL	300	RTX-14715	1,000	RTXF-16709B	1,500
RTO-14915	1,500	RTOF-14909MLL	300	RTX-15615	1,000	RTXF-16709H	1,500
RTO-15613	1,000	RTOF-14915	1,500	RTX-15710B	1,000	RTXF-16710B	1,000
RTO-15615	1,000	RTOF-15210C	2,200	RTX-15710C	1,500	RTXF-16710C	1,500
RTO-15618	1,500	RTOF-15613	1,000	RTX-15715	1,000	T-14607A	300
RTO-15715	1,000	RTOF-15615	1,000	RTX-16709B	1,500	T-14607B	300
RTO-16710B-AS2	1,000	RTOF-15715	1,000	RTX-16709H	1,500	TX-14607B	300

Medium-Duty Transmission Core Values by Model

Only models listed below are acceptable for return. As models are added to the program, new core values will also be established.

MODEL	CORE VALUE (\$ US)	MODEL	CORE VALUE (\$ US)
FS-5306A	600	F-6406N-AW3	1,750
FS-5406A	800	FO-8406A-AW3	1,750
FS-6306A	600	FO-8406A-ASW	1,750
FS-6406A	800	FO-6406A-AW3	1,750
FS0-8406A	1,000	FO-6406A-ASW	1,750
F-6406N-ASW	1,750		

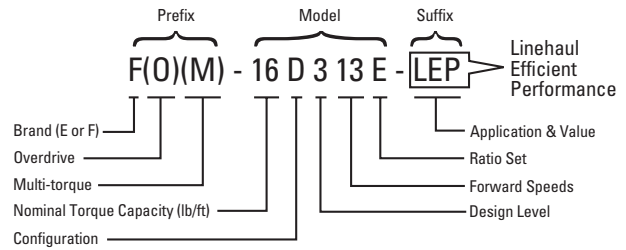
Nomenclature – Automated

New Nomenclature System Components

- Prefix
 - F for Fuller: All medium-duty and heavy-duty UltraShift products in North America and Australia
 - E for Eaton: All other products (including UltraShift outside North America and Australia)
 - Parenthetical letters such as (O) and (M) indicate provisions for Overdrive, Multi-Torque and other configurations
- Model Designator
 - Nominal Torque Capacity (lb/ft for North America and Australia)
 - Configuration: alpha designator A,B,C,D...for launch device and other system components
 - Design Level: numeric designator describes mechanical and electronic design levels
 - Gear Ratio Set: alpha designator (unchanged)
 - 3-Letter Suffix: denotes application and value

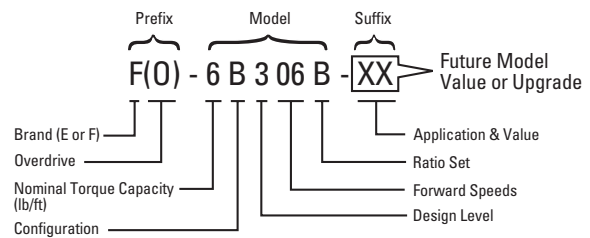
Heavy-Duty UltraShift Example

Marketing Name: Fuller UltraShift Linehaul Efficient Performance (LEP)



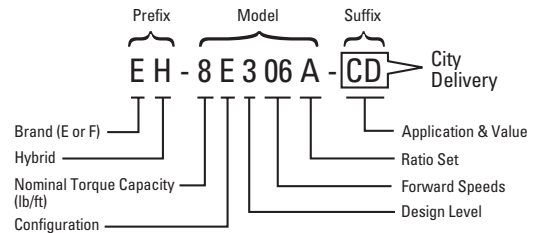
Medium-Duty UltraShift Example

Marketing Name: Fuller UltraShift XX (for future use as new products and significant upgrades are introduced)



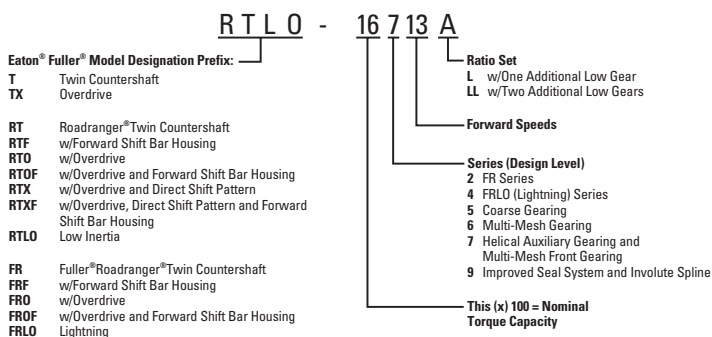
Hybrid Power System Example

Marketing Name: Eaton Hybrid City Delivery (CD)

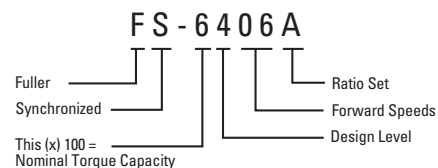


Nomenclature – Manual

Heavy-Duty Example



Medium-Duty Example



Transmission Electronic Core Return Procedures (Heavy- and Medium-Duty)

Excludes CEEMAT core returns. For details on returning CEEMAT parts please see CEEMAT section. For dealers using core consolidators, please see your OEM's guidelines for returning cores. For warranty return parts, please see your OEM's guidelines for returning cores.

1. All component returns are like-for-like and one-for-one as electronic components are not interchangeable between other components.
2. Cores returned within twelve (12) months of purchase receive full core credit minus any deductions. Cores returned after twelve (12) months receive no credit.
3. Refer to the list below for deductions value. Disassembling the core is not necessary to determine core value and may result in loss of core value.
4. Except as noted above, cores must be returned per the instructions in the electronic core packet provided with the replacement part. Note the return location for electronics is different than transmission units.

Electronic Parts Warranty:

One year unlimited mileage from date of retail sale on new, Reman and exchange electronics.

Electronic Parts Core Value and Deductions:

Core Value

\$250 Core Value – All Transmission Mounted ECUs
 \$100 Core Value – All Other Transmission Electronics
 \$350 Core Value – ECU Combination Kits (does not include all kits, please see next column for details.)

Core Deductions

100% Deduction – Cracked or Broken Connectors
 Cracked or Broken Housings
 Lever Broken or Cracked

Send Electronic Cores to: (except as noted above)

Returning warranty cores to Lewisberry, PA address will result in non-payment of a warranty claim.

In the U.S. return core to:

Eaton Corporation
 C/O Flight Systems
 505 Fishing Creek Road
 Lewisberry, PA 17339

In the Canada return core to:

Eaton Truck Components
 Core Return Center
 2160 Williams Parkway
 Brampton, ON
 Canada L6S 5X7
 Freight Carrier: Purolator Terms: Collect

For all transmission electronics purchased directly from one of the Eaton locations in Canada, you must provide a copy of the packing slip with the core return.

Electronic Core Freight Return:

Return all U.S. cores using the prepaid return label included in the core return packet.

DESCRIPTION	WEIGHT (LBS.)
Gen 1 & Gen 2 Controller	9.5
Lightning ECU	5
XY Shifters	13
Cobra Shift Levers	2
System Manager	1.2
Push Button Controls	1
Driver Command Console	3

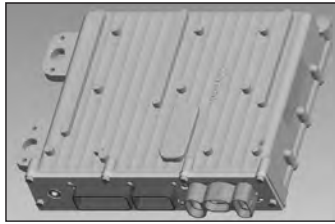
Transmission Combination Kits

The following part numbers are kits compiled from combining electronic parts into single kits. The core value of the kit reflects the combination of the components listed on page 11. When returning the take-off parts for core credit, all parts must be returned including the transmission harness if one came in the original kit. Any core received back with a shortage of parts receives no core credit.

Return all parts in the original box with the yellow core tag completely filled in for proper core credit.

PART #	DESCRIPTION	CORE VALUE (US)	WEIGHT (LBS.)
K-3801RX	Reman Exch Autoshift Gen 2 Combo Kit	\$250	25
K-3802RX	Reman Exch Autoshift Gen 2 Combo Kit	\$250	25
K-3803RX	Reman Exch Autoshift Gen 2 Combo Kit	\$250	25
K-3804RX	Reman Exch Ultrashift Gen 2 Combo Kit	\$250	25
K-3805RX	Reman Exch Autoshift Gen 2 Combo Kit	\$250	25
K-3806RX	Reman Exch Ultrashift Gen 2 Combo Kit	\$250	25
K-3807RX	Reman Exch Ultrashift Gen 2 Combo Kit	\$250	25
K-3808RX	Reman Exch Autoshift Gen 2 Combo Kit	\$250	25
K-3809RX	Reman Exch Autoshift Gen 2 Combo Kit	\$250	25
K-3836RX	Reman Exch Autoshift Gen 2 Full Combo Kit	\$250	28
K-3837RX	Reman Exch Autoshift Gen 2 Full Combo Kit	\$250	28
K-3838RX	Reman Exch Autoshift Gen 2 Full Combo Kit	\$250	28
K-3839RX	Reman Exch Autoshift Gen 2 Full Combo Kit	\$250	28
K-3840RX	Reman Exch Ultrashift Gen 2 Full Combo Kit	\$250	28
K-3841RX	Reman Exch Ultrashift Gen 2 Full Combo Kit	\$250	28
K-3842RX	Reman Exch Autoshift Gen 2 Full Combo Kit	\$250	28
K-3843RX	Reman Exch Autoshift Gen 2 Full Combo Kit	\$250	28
K-3847RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3848RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3849RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3850RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3851RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3852RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3853RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3854RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3855RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3860RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3861RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3862RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3863RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3864RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3865RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3866RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3867RX	Reman Exch Ultrashift Gen 2 ECU Combo Kit	\$350	12
K-3868RX	Reman Exch Autoshift Gen 2 ECU Combo Kit	\$350	12
K-3870RX	Reman Exch Ultrashift Gen 2 Full Combo Kit	\$250	25

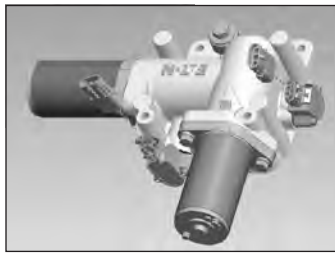
Part's Description and Core Values:



Gen 1 and Gen 2 Controller –
\$250 Core Value



Lightning ECU – \$250 Core Value



Gen 1 XY Shifters – \$100 Core Value



Cobra Shift Levers –
\$100 Core Value



System Manager –
\$100 Core Value



All Pushbutton Controls –
\$100 Core Value



Driver Command Console –
\$100 Core Value

PART NO.	DESCRIPTION
B-1000122501(RX)	SYSTEM MANAGER ASSY
B-3000423700(RX)	SYSTEM MANAGER ASSY
K-2609RX	KIT TRANSMISSION CONTROLLER
K-2856RX	KIT TRANSMISSION CONTROLLER
K-3284RX	KIT TRANSMISSION CONTROLLER
K-3353RX	KIT TRANSMISSION CONTROLLER
K-3435RX	KIT TRANSMISSION CONTROLLER
K-3439RX	KIT TRANSMISSION CONTROLLER
K-3443RX	KIT TRANSMISSION CONTROLLER
K-3444RX	KIT TRANSMISSION CONTROLLER
K-3445RX	KIT TRANSMISSION CONTROLLER
K-3449RX	KIT TRANSMISSION CONTROLLER
K-3457RX	KIT TRANSMISSION CONTROLLER
K-3505RX	KIT TRANSMISSION CONTROLLER
K-3516RX	KIT TRANSMISSION CONTROLLER
K-3557RX	KIT TRANSMISSION CONTROLLER
K-3639RX	KIT TRANSMISSION CONTROLLER
K-3680	COBRA SHIFT LEVER KIT
K-3794	DRIVER COMMAND CONSOLE
S-2745R	GEN 1 X-Y SHIFTER ASSY
S-2818	ECU ASSY
S-2973	ECU ASSY
S-2989	PUSHBUTTON ASSEMBLY
S-2990	PUSHBUTTON ASSEMBLY
S-2991	PUSHBUTTON ASSEMBLY

Part numbers and descriptions are current as of April 1, 2007.

Electronic component part numbers not listed here and purchased prior to April 1st with core charges are eligible for core returns per the guidelines of this manual.

CEEMAT Transmission Core Return Procedures

1. Eaton no longer sells complete CEEMAT transmissions outside of the OEM warranty period. Place all non-warranty CEEMAT unit orders with TransGear, LLC.
2. All component core returns are like-for-like and one-for-one.
3. Cores returned within twelve (12) months of purchase receive full core credit. Cores returned after twelve (12) months receive no core credit.
4. Refer to the list below for deduction amounts. Do not disassemble the core to determine deductions.
5. Cores need to be returned per the instructions provided in the core packet that is sent with the replacement part being ordered. Note that the shipping location for the CEEMAT/CEMT type components is TransGear, LLC. See address below.

See attached schedule for prices and deducts.

CEEMAT Warranty

PRODUCT	STANDARD WARRANTY COVERAGE
CEEMAT/CEMT Parts mileage, parts only	One year, unlimited

Authorized Repair Points and Exclusions: See page 4 for details.

CEEMAT Core Values/Deductions

PRODUCT	CORE VALUE (US)
Autoshifter Assemblies	\$300
ECU Cover Assemblies	\$400
Hydraulic Valve Assembly	\$225
Power Synchronizer Assembly	\$250
Torque Converters	\$800

CORE DEDUCTIONS	DEDUCTIONS (US)
Unapproved Carrier for returned cores	\$100
Autoshifter Assembly Missing parts Broken (case or housing)	\$150 No core value
ECU Cover Assembly Missing parts Broken (case or housing)	\$200 No Core Value
Hydraulic Valve Assembly Missing Parts Broken (case or housing)	\$115 No Core Value
Power Synchronizer Assembly Missing Parts Broken (case or housing)	\$125 No Core Value
Torque Converter Missing Parts Broken (case or housing)	\$400 No Core Value

CEEMAT Core Return Location

TransGear, LLC
3308 Covington Rd., Suite 2
Kalamazoo, MI 49001

CEEMAT Core Return Freight

Return all cores freight collect to the above address. Use the freight carrier described in the core packet or if no carrier is listed go to www.eatonroute.com to determine proper carrier. Using a non-approved carrier will result in a \$100 core deduction.

PART NO.	DESCRIPTION	WEIGHT (LBS.)
R-2003100000 thru R-2053510000	ECU COver	23
K-2385R, K-2983, K-2983R, S-1652	AutoShifter	20
K-2387R, K-2393, K-3117R	Hydraulic Valve	20
K-2392R, K-2397R, K-2400R	Power Synchro	40
K-2646R, K-2647, K-2647R	16-D Converter	270
K-2648R, K-2649R	14-B Converter	270

Transmissions, Clutches and Axle Carrier Warranty

Warranty Coverage

<i>Product</i>	<i>Reference Roadranger</i>
Fuller Reman	<i>Warranty Manual, TCWY0600</i>
Transmissions	<i>for standard warranty</i>
Fuller Transmission	<i>coverage.</i>

Exchange and Performance
Reman Transmissions

Fuller Rebuilt Transmission
(Canada)

Fuller Clutch

Spicer Carrier

Two years or unlimited miles, whichever comes first (one year or 100,000 miles for the oil seal)- (no proration) parts & labor, including R&R. (The oil seal warranty is expressly conditioned on the installation of a new axle yoke, not included as part of the Carrier, at the time of installation.

Authorized Repair Points - Warranty may be administered by any OEM authorized warranty repair facility.

Exclusions - Subject to the conditions stated herein, Eaton Corporation and Dana Corporation warrants to the original retail purchaser thereof that its products will, when used in a motor truck for on-highway or on/off-highway applications in the United States and Canada and properly installed and assembled on vehicles approved by Eaton or Dana for such purpose, be and remain under normal conditions of use and operation free from failure due to defects in materials and workmanship from the date of delivery to the original retail purchaser.

This warranty covers parts and labor to repair or replace, at Eaton's or Dana's option, the failed Eaton or Dana component. Units installed as replacements under this warranty are warranted only for the remainder of the original warranty period.

This warranty shall not extend to failures or damage due to improper lubrication or operation in excess of original design limitations, failure to follow normal published preventative maintenance guidelines recommended by Eaton Corporation and Dana Corporation, failure to use genuine Eaton or Dana replacement parts, abuse or damage by improper installation, casualty or shipment.

This warranty shall not extend to repairs for noise (including idle rattle), excessive operating temperature, transmission rear seal leakage, nor does it cover failures caused by engine, clutch, driveline, including transmission synchronizer pin breakage, or other truck components or system.

This warranty does not cover failures caused by a worn, damaged or defective part or component mounted to the unit by the dealer or retail purchaser, including without limitation, the transmission end yoke.

Other exclusions may apply to this warranty. For details see Publications TCWY0600 Warranty Manual and TCWY0900 Warranty Guide.

All warranty claims shall be made to the OEM and shall be supported by satisfactory evidence in respect of the conditions stated herein. As a condition precedent to the allowance of such claims, the component or assembly involved shall, if requested by Eaton or Dana, be returned prepaid for examination.

Except for the express warranty stated herein, Eaton Corporation and Dana Corporation disclaims all warranties, express or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose. The foregoing is the limit of the liability of Eaton Corporation and Dana Corporation and is the exclusive and sole remedy of the party to whom this warranty is made. Liability on the part of Eaton Corporation and Dana Corporation for damages, expressly including consequential damages is disclaimed.

This warranty may not be changed or modified in any way except in writing by Eaton Corporation or Dana Corporation.

Technical Assistance - Emergency technical assistance for genuine Unit Exchange products is available from your Roadranger service representative. Call toll free at 1-800-826-HELP (4357), 24 hours a day, from anywhere in North America. In Mexico, call 001-800-826-4357.

The seller must provide the purchaser with owner warranty information at the time of the sale. This information is provided among the documentation attached to each purchased unit.

Warranty Repairs

When repairing or replacing Eaton or Dana Remanufactured or Exchange products, please refer to the Roadranger Warranty Manual (TCWY0600) for detailed instructions. Section 3 – Claim Procedures and Section 4 – Labor Hour Guidelines contain important information about filing claims and labor times allowed for warranty repairs.

After the repair is completed, submit the claim through your regular OEM claim system. Parts and labor will be reimbursed, on approved claims, per predetermined guidelines as agreed by Eaton, Dana and your OEM.

Important Note: Reimbursement on approved claims will be for the cost to repair the unit or the cost to replace it, whichever is **less**. For the specific formula used to make this determination, see the Repair or Replacement Guidelines pages in Section 3 of the Warranty Manual (TCWY0600).

Claims must be submitted within 90 days of the failure date. Claims must identify the unit serial number and provide a detailed description of the failure.

When replacing complete units, the unit being replaced must be returned with a copy of the OEM warranty claim. The core tag must be clearly marked "WARRANTY" to assure proper core evaluation for warranty consideration. See Roadranger Warranty Manual TCWY0600 for requirements.

Claims will not be honored for warranty units which are shipped to the wrong return location or returned without proper identification. (See map in document envelope).

Important Note: For noise complaints or hard shifting issues, the servicing agent must contact a Roadranger field representative at 1-800-826-4357. The Roadranger representative will provide assistance in determining the cause of the problem.

VORAD Core Return Procedures

For dealers using core consolidators, please see your OEM's guidelines for returning cores.

For warranty return parts, please see your OEM's guidelines for returning cores.

1. All component returns are like-for-like and one-for-one as electronic components are not interchangeable between other components.
2. Cores returned within twelve (12) months of purchase receive full core credit minus any deductions. Cores returned after twelve (12) months receive not credit.
3. Refer to the list below for deductions values.
Disassembling the core is not necessary to determine core value and may result in loss of core value.
4. Except as noted above, cores must be returned per the instructions in the electronic core packet provided with the replacement part. Note the return location for electronics is different than transmission units.

DESCRIPTION	WEIGHT (LBS.)
Front Antenna	5.0
CPU	2.0
Driver Displays	0.5

Electronic Parts Warranty:

One year unlimited mileage from date of retail sale on new, Reman and exchange electronics.

Electronic Parts Core Value and Deductions:

Core Value

\$250 Core Value - All Forward Looking Radar

\$150 Core Value - All VORAD CPU's

\$40 Core Value - All Driver Display Units

Core Deductions

100% Deduction - Cracked or Broken Connectors

Cracked or Broken Housings

Send Electronic Cores to: (except as noted above)

Returning warranty cores to Lewisberry, PA address will result in non-payment of a warranty claim.

Eaton Corporation
C/O Flight Systems
505 Fishing Creek Road
Lewisberry, PA 17339

Electronic Core Freight Return:

Return all cores using the prepaid return label included in the core return packet.



Front Antenna – Core Value \$250



CPU –Core Value \$150



Driver Display Unit –
Core Value \$40

PART NO.	DESCRIPTION	CORE VALUE
83300-100	DRIVER DISPLAY UNIT KIT	\$40
83327-100	DRIVER DISPLAY UNIT	\$40
80626-740	CPU VIMS & AR CAPABLE HORIZONTAL	\$150
80626-750	CPU VIMS & AR CAPABLE VERTICAL -106 SOFT.	\$150
83400-720	CPU VIMS AR MILITARY VERTICAL	\$150
83400-782	CPU SMARTCRUISE HORIZONTAL	\$150
83400-783	CPU SMARTCRUISE VERTICAL	\$150
83400-784	CPU SMARTCRUISE FLAT	\$150
83400-785	CPU HORIZONTAL	\$150
83400-786	CPU VERTICAL	\$150
83400-787	CPU FLAT	\$150
83400-788	CPU FLAT W/GRND STRAP	\$150
83400-789	CPU SMARTCRUISE FLAT W/GRND STRAP	\$150
83400-795	CPU HORIZONTAL (NO AR NO EVIMS)	\$150
83400-796	CPU VERTICAL (NO AR NO EVIMS)	\$150
83400-797	CPU FLAT (NO AR NO EVIMS)	\$150
83400-798	CPU INVERTED (NO AR NO EVIMS)	\$150
83874-105	CPU INVERTED FLAT W/GROUND STRAP	\$150
83875-105	CPU SMARTCRUISE INVERTED FLAT W/GROUND STRAP	\$150
83903-101	CPU REPLACEMENT HORIZONTAL TRUCK CWS	\$150
83903-102	CPU REPLACEMENT VERTICAL TRUCK CWS	\$150
83903-103	CPU REPLACEMENT FLAT TRUCK CWS	\$150
83903-104	CPU REPLACEMENT INVERTED TRUCK CWS	\$150
83100-100	ANTENNA ASSEMBLY KIT	\$250
83124-100	ANTENNA ASSEMBLY	\$250
83904-101	FRONT ANTENNA REPLACEMENT NO BRACKETS	\$250
83904-102	FRONT ANTENNA REPLACEMENT STANDARD BRACKETS	\$250
83904-103	FRONT ANTENNA REPLACEMENT ADJUSTABLE BRACKETS	\$250

Clutch Core Return Procedures

New Clutches

Fuller® Clutch does not accept any cores against new purchases. Any cores received ahead of reman purchases will be held for 30 days. If reman purchases are made within the 30 days, credit will be issued against the reman purchase. After 30 days, cores ahead of reman purchases that have not been used, will become the property of Eaton Corporation and no credit will be given.

Reman Clutches

Eaton Clutch will credit dealers the following amounts through the O.E.M. for reman core credit:

\$60 for 14" Cast Easy-Pedal™, or Stamped Angle Spring®.
\$100 for 15.5" Cast Easy-Pedal™.

Note: Eaton Clutch no longer accepts any old style Cast Angle Spring® cores or Solo cores.

Eaton Clutch will issue credit for 14" Stamped Angle Spring®, 14" Easy-Pedal™, 14" or 15.5" Easy-Pedal™ providing the following conditions are met:

1. Cast Easy-Pedal™ or Stamped Angle Spring® Clutches remanufactured by Eaton Fuller have been purchased.
2. 14" and 15.5" clutch core credits will be issued in equal quantities up to and not to exceed the quantity purchased.
3. Size and type of clutch cores must match the size and type of clutches that were ordered. 14" Stamped can only be returned for 14" Stamped. 14" Cast Easy-Pedal can only be returned for 14" Cast Easy-Pedal. 15.5" Easy-Pedal can only be returned for 15.5" Easy-Pedal.
4. Core returns must be approved by one of our core return centers, and they must be Eaton Fuller Stamped Angle Spring® or Easy-Pedal™; other products are not acceptable.
5. Cores must be returned within 360 days of the original remanufactured clutch purchase. Cores submitted in excess of purchases will be held 30 days for credit against future purchases, *after 30 days, cores will become the property of Eaton Corporation and no credit will be issued.*
6. Credit will be issued strictly on our acceptance. We reserve the right to refuse any cores that are not in reusable condition. Disposition of material is to be indicated on the core return form. If material is requested back, we will return it freight collect to your location.
7. All clutch core shipments under 1200 lbs. must be shipped freight prepaid. All clutch core shipments over 1200 lbs. can be shipped freight collect. Freight collect shipments must be shipped via Eaton approved carriers, shipments on any other carriers will not be accepted. For an approved carrier listing, see the attachment to the core form and/or call a remanufacturing facility.

Core Credit Allowance & Component Value Breakdown

Complete Core Kits – Cast Easy-Pedal™ Clutches Valued %

Consisting of cover assembly, intermediate plate, and driven discs 100%

Damaged Parts Credit – Cast Easy-Pedal™ Clutches

Reusable cast cover assembly 70%
Reusable intermediate plate 20%
Reusable driven discs 10%

Damaged Parts Credit - Stamped Clutches

Single Plate Stamped Angle Spring®

Reusable stamped cover assembly 95%
Reusable driven disc 5%

Two Plate Stamped Angle Spring®

Reusable stamped cover assembly 70%
Reusable intermediate plate 20%
Reusable driven discs 10%

The Following Will Constitute No Credit Being Allowed:

1. Not Fuller
2. Disassembled
3. Welded
4. Broken/Cracked
5. Old Style Cast Angle Spring 14", 15.5" or 14" and 15" ValveClutches™, Solo 15-1/2" or Solo 14"

Core Return Procedures

Cores may be returned on a freight collect basis, within the Continental U.S. only, on shipments of 1200 lbs. or more. All clutch core shipments under 1200 lbs. must be shipped freight prepaid. The shipping documents should be marked:

"CORES - CORE ITEM NO. 17850, USED AUTO PARTS, VALUE FOR RECONDITIONING ONLY, AT CLASS 60"

Use core return form supplied by Eaton. A packing list should also be sent listing the cores being returned, along with customer's address and telephone number.

Core Return Location:

U.S.

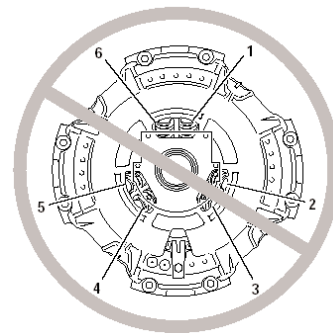
Alotech, Inc.
2700 S. Horner Blvd.
Sanford, NC 27330-9754
Phone: (919) 774-1297

In Canada, contact OE core consolidator or call 905-563-4119.

Fuller Clutch Core Return Identification

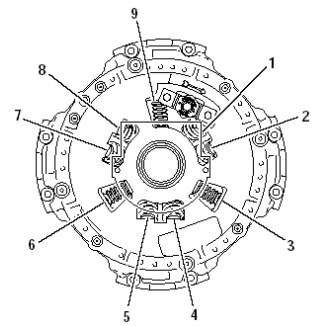
The number of visible cover assembly springs indicates which cores Eaton will accept.

- **9-Spring** Easy-Pedal™ Style Cores – Eaton Accepts
- **6-Spring** Cast Angle Spring Style Cores – Eaton **WILL NOT** Accept
- Solo Cores – Eaton **WILL NOT** accept



Not Accepted Style

Cast angle spring clutches have 6-springs visible on the back of the cover assembly.



Accepted Style

Easy-Pedal clutches have 9-springs visible on the back of the cover assembly.

Clutch Warranty

1. Warranty:

Subject to the conditions stated herein, Eaton warrants to the original equipment purchaser ("OE") thereof that the parts, components and assemblies sold by Eaton as original equipment or service parts, (individually and collectively referred to hereafter as the "Product") will, when properly assembled and installed on vehicles approved for such purpose, be free from defects in material and workmanship under normal use and proper maintenance for the applicable warranty period as described in Section 5 below. Eaton assumes no responsibility, in the absence of its written approval, for the selection of Product for specific applications and makes no general representation whatever in respect of any such selection. Product supplied by Eaton but manufactured by others shall be warranted only to the extent of the manufacturer's warranty, if that warranty is more limited than the express warranty described herein.

2. Remedy:

If any Product supplied hereunder fails to comply with this warranty, Eaton agrees to repair or, at its sole option, furnish a replacement product for the defective Product. Eaton's obligation to satisfy a warranty claim as contemplated herein is subject to the following conditions: (A) All such claims must be submitted by the OE to Eaton no later than ninety (90) days from the date of the failure occurrence and shall be supported by satisfactory evidence establishing the occurrence; (B) If requested by Eaton, the Product involved shall be returned, freight prepaid, to a designated Eaton location for examination; and (C) Eaton's examination of the Product must disclose to its satisfaction that none of the Warranty Exclusions described herein are applicable, and that said Product was defective when it originally left Eaton's control. In all cases, Eaton's determination shall be final.

The repaired or replaced Product shall be warranted hereunder only for the unexpired portion of the original warranty period.

3. Warranty Exclusions:

Eaton's warranty shall not extend to any Product that has been subjected to the following: (A) accident, damage, negligence, abuse or misuse; (B) improper installation or maintenance; (C) abnormal operating conditions; (D) alteration or modification; (E) a purpose or application in any way different from that for which it was originally designed; (F) progressive damage; (G) damage by casualty or shipment; or (H) wear and tear of all clutch components.

4. Limitations on Reimbursement:

Eaton's warranty, covers reimbursement for (A) parts and labor for repaired Product or (B) the cost of the replacement Product. Eaton's warranty for service parts covers reimbursement for parts and labor if installed by an authorized dealer. Reimbursement for service parts sold over the counter will consist of parts only. Rates for parts and labor are subject to predetermined limitations established by Eaton.

Without limiting the generality of the foregoing, the following is a list of items not covered and costs, charges and expenses not reimbursable under Eaton's warranty:

- Towing expense
- Meals or lodging expense
- Travel time or transportation
- Downtime expense
- Loss of revenue
- Daily rentals
- Flywheel turning
- Misc. shop supplies
- Pilot bearings, forks, clutch brakes and linkage

In all cases, Eaton's determination regarding reimbursement of each claim shall be final.

5. Warranty Period:

The Product Warranty Periods shall be as agreed between Eaton and the OE. Warranty coverage for Product furnished as original equipment commences on the vehicle's in-service date. Warranty coverage for Product furnished as service parts commences on the date of retail sale.

6. Claims Procedure:

All direct warranty claims shall be made in writing to: Eaton Clutch Division, 201 Brandon Street, Auburn, IN. 46706, Attn: Warranty Administrator. Product returned to Eaton under this warranty shall become the property of Eaton.

Eaton reserves the right to reject a warranty claim for any or all of the following reasons:

- Original claim was filed after ninety (90) days from the date of failure
- Claim information is insufficient
- Product inspected does not substantiate claim or indicate a warrantable failure
- Product requested was not returned for inspection

7. Warranty Disclaimer:

Eaton's express warranty and OE's remedies thereunder are exclusive and given in place of all other warranties, express, implied, or statutory, whether written or oral, including, but not limited to, any warranty of merchantability, warranty of fitness for particular purpose, or warranty arising from course of performance, course of dealing or usage of trade. There are no warranties that extend beyond the express warranty described herein. Eaton disclaims and OE waives all other obligations, liabilities, rights, claims or remedies, including, but not limited to, any right in contract, tort, or strict liability, as well as, any right arising from Eaton's negligence, actual or imputed.

8. Limitation of Liability:

Eaton's obligation and OE's remedies under Eaton's express warranty are limited to Eaton's choice of repair or replacement of non-conforming products and exclude liability for incidental, special, consequential or any other damages, including, without limitation, replacement costs, economic loss, loss of revenue, loss of profits, or loss of use or damage to other property.

9. Effective Date:

This warranty shall become effective October 1, 1998, and applies only to Products sold for use in the United States and Canada. This warranty supersedes all past warranties expressed by Eaton for Products, and may not be changed, altered or modified in any way except in writing by Eaton.

10. Service Support:

The OE'S service and support channel is the Eaton Roadranger Field Marketing network. Their telephone number is 1-800-826-HELP, (826-4357).

11. Governing Law:

This warranty shall be governed, interpreted and construed by, and in accordance with the laws of the State of Ohio.

12. English Language:

It is the express wish of the OE and Eaton that this document and all documents related to it be written in English. Les parties aux presentes ont expressement exige que ce document soit redige en langue anglaise ainsi que tous documents y afferent.

Unit Exchange Designated Core Return Locations*

***Non-warranty returns only. See chart on page 19 for warranty returns.**

Instructions: Please return core to the collection facility designated for your area. **Use only freight carriers listed by area for the return of cores. Use of an unauthorized freight carrier will result in a \$100 deduction on core credit.** See page 7 for correct shipping weight. Please note that information provided below is not intended to replace existing core return procedures already available from your OEM. If more information is needed call 1-800-826-4357. In Canada, call 1-888-507-1500.

Canadian Western Shipments*

Includes all shipments originating **west of, but not including, Brandon, Manitoba.**

Ship to: Eaton Truck Components
4300 5th St. N.E.
Calgary, Alberta
Canada T2E 7C3

Approved freight carriers:
Manitoba (west of Brandon) - Canadian Freightways
Alberta, British Columbia and Saskatchewan - Canadian Freightways

Canadian Eastern Shipments*

Includes all shipments **east of, and including Brandon, Manitoba.**

Ship to: Eaton Truck Components
1455 Michael St. Unit '1'
Ottawa, Ontario
Canada K1B 3R3

Approved freight carriers:
Northern Ontario - Manitoulin Transport
Southern Ontario - EPIC Express
Quebec - Cabano
Maritime Provinces - Day & Ross
Manitoba (east of Brandon) - Canadian Freightways

All U.S. Transmission

Core Returns (Non-Warranty Returns Only)

Ship to: Eaton Corporation c/o MSW
BLDG 98 Park 100
8258 Zionsville Rd.
Indianapolis, IN 46268

All U.S. CEEMAT Core Returns

Ship to: TransGear, LLC
3308 Covington Rd., Suite 2
Kalamazoo, MI 49001

Electronic Core Returns

Ship to: Eaton Corporation
c/o Flight Systems
505 Fishing Creek Rd.
Lewisberry, PA 17339

All U.S. Clutch Core Returns

ship to: Alotech, Inc.
2700 S. Horner Blvd.
Sanford, NC 27330-9754



Canadian Clutch Core Returns

See your OE core consolidator or call 905-563-4119

*To select proper US-only freight carrier to return transmission, go to **www.eatonroute.com***

Warranty Returns

All warranty units and cores must be returned as indicated below.

U.S. warranty returns ship to:	Transmission Eaton Corporation Eaton Warranty #0061W 13100 E. Michigan Ave. Galesburg, MI 49053	Axle* Dana Corporation Warranty Return Center 6938 Elm Valley Dr. Kalamazoo, MI 49009	Clutch Eaton Corporation 201 Brandon St. Auburn, IN 46706	VORAD Eaton Corporation 13100 E. Michigan Ave. Galesburg, MI 49503
Canadian warranty returns ship to:	Axle*, Transmission and Clutch Eaton Truck Components 2160 Williams Parkway Brampton, Ontario Canada L6S 5X7			

***Note:** For all axle warranty returns (US & Canada), please call 800-858-8069, select option "5 - Warranty Returns", for assistance in selecting the appropriate approved freight carrier.

Unit Exchange Program Guide

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Roadranger®



EATON

For spec'ing or service assistance, call 1-800-826-HELP (4357) 24 hours a day, 7 days a week (Mexico: 001-800-826-4357), for more time on the road. Or visit our web site at www.roadranger.com.

Roadranger: Eaton, Dana and other trusted partners providing the best products and services in the industry, ensuring more time on the road.