

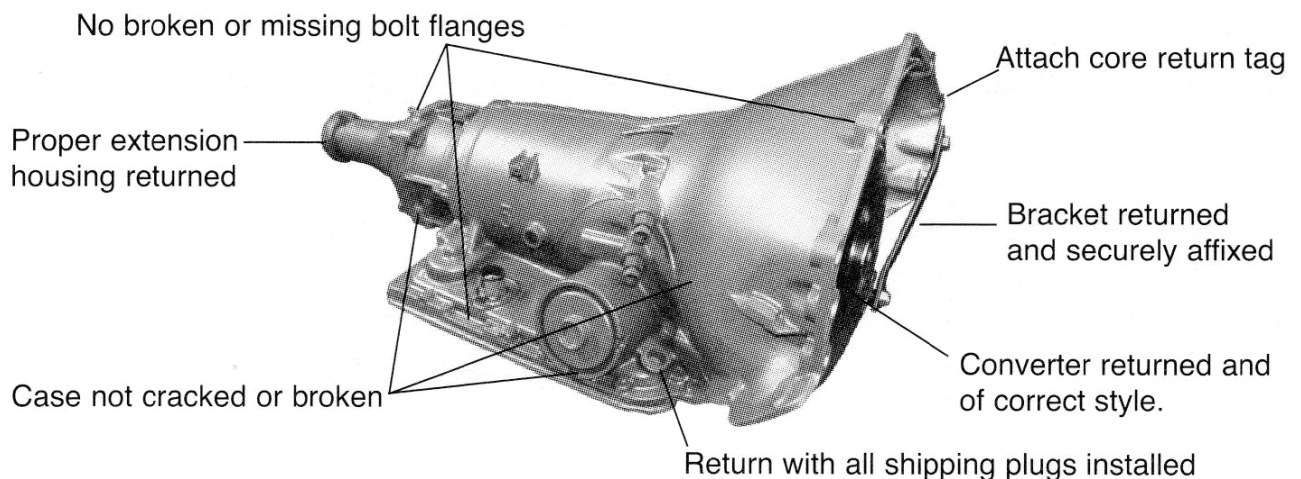


Transmission Instruction Booklet

Thank you for purchasing the finest Remanufactured Automotive Transmission available. Please read the following information to assist in the installation, core return, and warranty on the accompanying remanufactured transmission assembly.

Core Return Instructions

Please pay special attention to the following:



>> ALL FLUID MUST BE DRAINED



Core Return Policy

It is extremely important that we receive the correct matching core for the product sold and it must be returned promptly and intact with no external damage. Deductions will be made if the core does not meet the requirements below. Core credits will be issued within 10 working days from the date of return to Moveras.

Please follow Core Return Contact instructions found in the core return package which accompanied your transmission.

Review these requirements for all core returns

Core returned must be of the same type ordered.

Core must be drained of all fluids.

Core must be complete and fully assembled.

The converter core must be returned with the transmission to Moveras utilizing the supplied converter bracket from new unit.

Always complete and attach the supplied core return tag to the bell of the core product.

Place the core into the same pod which your new unit came in and secure the core with the internal strap (if provided.)

Deductions will be made for cores that are damaged or incomplete. Core inspection at the receiving facility will consist of checking the condition of the following:

Missing Converter	\$200 Deduction
Missing Parts (bell, extension housing, pans, etc.)	Up to \$200 Deduction
Broken Cases/Non-rebuildable Core	50% Core Deposit
Other than purchased	Fair Market Value
Missing or Damaged Pod	\$100 Deduction
Missing External Sensors	\$200 Deduction
Disassembled	No Credit



Core Returns

The core return tag (**found inside your Transmission Instruction Envelope**) must be filled in completely and attached to the core in order to ensure proper credit for the return.

Failure to follow these instructions MAY RESULT IN LOSS OF CORE CREDIT.

Procedures for Installing Moveras Remanufactured Transmissions

Failure to follow these steps may void the warranty.

If you have any questions or need installation or trouble shooting assistance, call Moveras Technical Assistance at 877-866-8372.

The image shows a core return tag with a large 'O' logo at the top. Below the logo, the word 'CORE' is printed in bold. Underneath, it says 'To Assure Proper Credit, Completely Fill out and attach to the core with wire tie.' The form has several fields for information: Sales Order Number, Installer Name, Address, City, State, Phone, Transmission Type Number, and Ship Date. Each field is followed by a horizontal line for writing.

Pre-installation Steps:

- Remove new product from shipping pod and physically compare to the original transmission assembly for likeness and compatibility.
- Remove, inspect for damage or wear, and clean all external sensors and accessories from the core. Replace as necessary. (Speed sensors, mounts, shift cables and grommets, vacuum hoses, filler tubes, and U-joints/CV joints/slip yokes.)
- Completely clean, flush and back flush the entire cooling system. **If any part of the cooling system is damaged or contaminated, it must be COMPLETELY cleaned or replaced.**
- Inspect the flywheel for cracks and/or worn torque converter mounting holes.
- Remove the torque converter support bracket and reinstall the bracket onto the core.

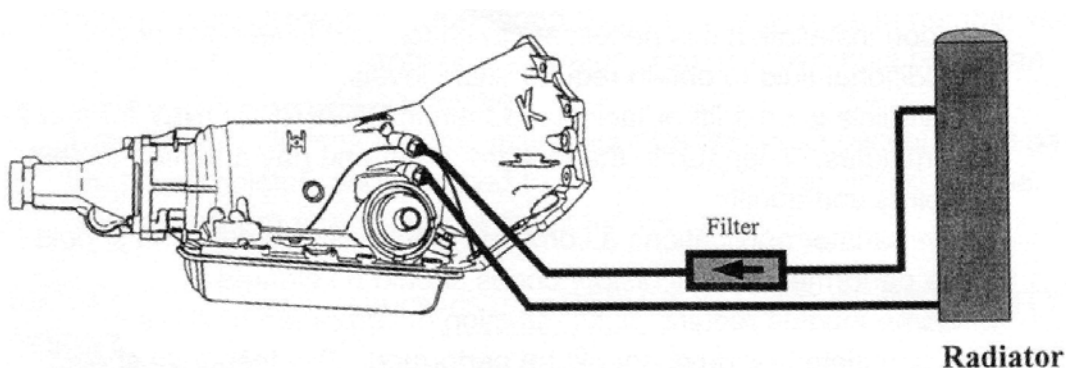


Installation Steps:

- Confirm both engine dowel pins are in place on the back of the block.
- Attach converter to the flywheel with the required bolts; do not to over-tighten the bolts. Refer to vehicle manufacturer's specifications for torque requirements.
- Secure the cross-member, dust cover shields, and all support brackets and braces.
- A complete cooler flow test **MUST** be performed to determine the proper operation of the cooling system. (1 quart per 15 seconds minimum flow rate.) Replace if necessary.
- Reattach external linkage, cables, and external sensors, along with wiring harnesses and connectors.

Cooler Line Filter Installation:

- For certain units, Moveras supplies and requires the installation of in-line filters to honor the warranty. If your unit is supplied with an in-line filter, the following applies:
- Identify the RETURN cooler line from the cooler. (See list on page 5 for details.)
- Locate a straight section of the return line and using the proper tool, remove a 5" section of the cooler line.
- Using the supplied hose and clamps install the filter in the RETURN line with **DIRECTIONAL ARROW POINTING TOWARD THE TRANSMISSION**.



Picture shows a typical filter installation where the top line is the return line. If the “rear” or “bottom” line is the return line, the filter would be installed into it with the direction of flow toward the transmission. Refer to chart below for return line identification.



GM PRODUCTS

700R4 & 4L60E = Top connector on the transmission
4L80E = (91-96) Bottom connector on the transmission
4L80E = (97-up) Rear connector on the transmission
4T60E = Bottom connector on the transmission

FORD PRODUCTS

AOD = Bottom connector on transmission
AODE / 4R70W = Top connector on transmission
A4LD / 4R44E & 55E / 5R55E = Top connector on transmission
E4OD / 4R100 / C6 = Rear connector on transmission
AXOD / AXODE (AX4S) / AX4N = Bottom connector on transmission
CD4E = Connector by pump, farthest from the bell housing of the transmission

CHRYSLER PRODUCTS

A500 / A518 / A618 = Rear connector on the transmission
A670 (A404) / A606 = Top line on transmission
A604 = Front line closest to bell housing

Remember: Moveras transmissions are NOT shipped with fluid from the factory.

Note: Some transmissions require very specific transmission fluid. Moveras may recommend the fluid type on certain models. However, manufacturers specifications should always be checked and followed or you may void the warranty.

Upon installation it is necessary to fill and check fluid levels and add additional fluid to obtain required fluid levels.

If vehicle is on a lift or jack stands run in REVERSE ONLY for the first 2-3 minutes. Then run in forward gears and pay attention to shift points and quality.

On '89 and later applications a complete electronic system scan should be performed and all history codes should be cleared.

Some models require "flash" function or "quick learn" steps.

A complete test drive should be performed. The test drive should utilize all gears and driving conditions as well as allow the transmission to reach normal operation temperature for more than 10 minutes.



On all electronically controlled units a final electronic system scan is required after the test drive even if no problems are detected during the test drive.

Adjustments may be necessary for proper shift points or improved quality and performance.

Re-check on a lift or jack stands for any fluid leaks and complete the core return procedure.

Warranty Claim

If any problems are encountered, please contact Moveras Technical Assistance first. If the problem cannot be resolved by phone, Warranty Administration will issue an RMA number.

Prior to returning a warranty claim unit, an RMA number must be provided by the Moveras Warranty Administrator. This number must be written on the orange claim tag prior to shipment to Moveras.

The warranty claim tag (found inside your transmission Instruction envelope) must be filled in completely and attached to the core with the wire tie in order to ensure proper credit for the return.

Failure to follow these **instructions MAY RESULT IN LOSS OF WARRANTY CREDIT.**

Warranty Return Procedure

If there is a problem with a Moveras remanufactured unit the customer should call the

installing shop **FIRST** and have them contact the Moveras Warranty Department.

BEFORE any warranty work is done the installation facility must have an RMA number established with Moveras. Any repairs that are not authorized by Moveras will not be considered for reimbursement and may void the warranty. The installing shop should call 877-866-8372 and have the following information ready:

The serial number of the unit along with year, make, model and VIN

The current mileage and mileage at the time of installation

WARRANTY CLAIM

To Assure Proper Credit,
Completely Fill Out and Attach to the
Core with Wire Tie.

Mileage

Date of installation

Date of Failure

Sales Order Number

Serial Number



A complete description of the problem including symptoms, codes and all diagnostics performed

Note: Moveras may require further diagnostic testing in order to identify the source of the problem

All parts must be returned to the factory for inspection. Call 877-866-8372 for a call tag to be issued for the parts/unit. The parts/unit must be tagged with the RMA number.

All warranty units MUST include the return of the in-line filter if one was provided.

Moveras Warranty Administration may authorize a repair or replacement unit if deemed necessary. A warranty claim will be created and the RMA number will be communicated to the repairing shop. If the transmission is replaced, the RMA number must be written in the space provided on the Orange Warranty Claim Tag and attached to the unit prior to return. Failure to do so may result in a significant delay in the processing of the claim or the unit being processed for core credit only. (See previous page for warranty claim tag info.)

Any credits or payments made in accordance with the warranty policy will be issued to the installation facility.

Transmission Warranty Statement

This limited warranty is issued to the installation facility on behalf of Moveras.

Moveras warrants to the installation facility that we will repair or replace, at our sole option, units that we determine to be defective in materials or workmanship for a period corresponding to the warranty associated with your unit. Exceptions: Vehicles over 1 ton, RV's, police/fire/emergency vehicles, vehicles used for rental, taxi, limousine, snow plowing or commercial towing are only eligible for limited warranty coverage (Tier 2). You can identify the carrying capacity by the VIN number. (On domestic vehicles, the vehicle is eligible for the Tier 2 warranty if the sixth digit of the VIN is 3 or less and none of the other exceptions apply)

A registration card MUST be filled out completely by the installation facility and returned to Moveras in order to validate the warranty. Failure to fill out and return the warranty card will void this warranty.

Warranty claims shall be called in to Moveras at 877-866-8372. Moveras reserves the right to request a copy of the original repair order before a warranty claim is authorized.



All warranty claims must have approval from the warranty administration department at Moveras before any warranty work is performed. The installation facility must receive an RMA number from our warranty administration.

Failed units must be returned to a Moveras facility for inspection within 30 days and must be accompanied by the in-line filter originally provided and installed with the unit. Failure to do so will result in the warranty claim being denied and the installer will be charged for the warranty unit. To return a core, please call Moveras at 877-866-8372 to schedule a pick-up if you are in our delivery area.

Moveras' limited warranty will end at the expiration of time or mileage from the date of the original installation. No repair or replacement will extend the warranty beyond the original period.

Moveras' limited warranty does not cover: Towing charges, vehicle rental, diagnostic time, labor, transportation charges, loss of time, loss of income, loss or use of the vehicle, storage fees, or consequential, special, punitive or incidental damages. Other exclusions may apply.

Moveras' limited warranty does not cover the replacement of any external electrical solenoids, sensors, computers, or other electrical components.

Moveras' limited warranty will be honored only within the continental United States.

Moveras reserves the right to charge back the cost of the unit or shipping charges should it be determined by us the failure was caused by improper installation, abuse, misuse, lack of maintenance, neglect, accidents, vandalism or any other condition not covered by this warranty.

THIS WARRANTY SUPERSEDES ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO OTHER WARRANTIES BEYOND THE DESCRIPTION CONTAINED HEREIN.

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