



610 South Street New Castle DE 19720
(302) 276 2882

General Policy

All core returns must be,

- Like for like, no mixed models (IE 48RE for 48RE)
- Drained of all fluids (\$50 Deduction)
- No Part Disassembled
- No fire damage
- No Excessive Rust or Water Damage
- Valve Body Core Return Sheet filled out & included (\$25 Deduction)

Returned cores that fail to follow the above conditions will be disallowed and scrapped or returned at customer's expense. MPT reserves the right to deny cores as it sees fit and may deviate from its policy.

MPT TRANSMISSION / VALVE BODY CORE ACCEPTANCE POLICY	
Model	Deduction
Transmissions	<ul style="list-style-type: none"> • Cracked Overdrive housings (\$500 Deduction) • Part disassembled (50% Deduction) • Missing Ratchet Straps for shipping (\$20 Deduction) • Missing Cooler Fittings (\$15/each) • Broken/unusable Main Case (\$350 47RE / \$600 48RE) • Stripped Oil Pan Bolts (\$5 Deduction Each) • Modified Pressure Plate Steel/Unusable (\$33 Deduction each) • Damaged/Broken Hard Parts (\$TBD Current Market Value) • Core Caked With Debris (\$50 Cleaning Fee)
Valve Bodies	<ul style="list-style-type: none"> • Missing filter bolts (\$5 each Deduction) • Missing 8 pin / 3 pin bolt (\$5 Deduction) • Missing throttle valve lever (\$25 Deduction) • Missing rooster comb (\$100 for 47RE \$150 for 48RE) • Excessive corrosion (No Credit) • Part disassembled (No Credit) • Broken Castings (No Credit)

Valve Body Guidelines

Here are some guidelines for the valve body setup:

Front Band Adjustment – torque band adjustment bolt to 72 inch-pounds, back off 1 and 3/4 turns.

Before checking line pressure - If vehicle is equipped with a kickdown cable, ensure that kickdown cable has 1/8" of slack pulling TV arm on transmission at wide open throttle. Refer to OEM procedure to change kickdown cable adjustment.

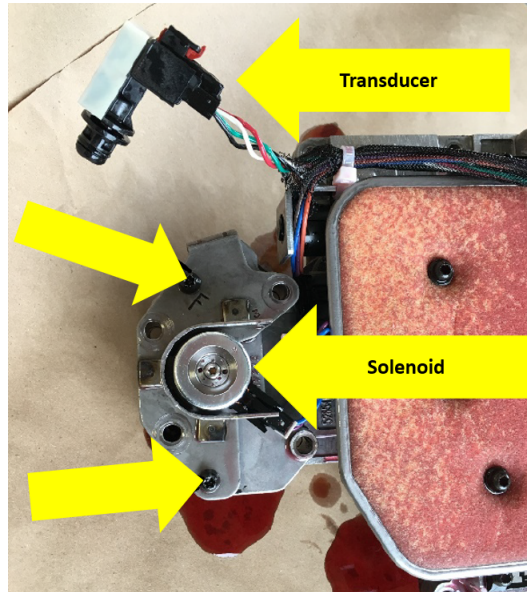
Pressure adjustment – 1 turn Counter Clockwise = + 10 PSI. 1 turn Clockwise = - 10 PSI.

MPT Automatic Valve Body Pressure Guide Lines		
Test Scenario	47RH/RE	48RE
• Idle Line pressure for MPT valve bodies	• 70-90 PSI	• 70-90 PSI
• All MPT Auto Valve Bodies will make unlocked Gears 1-3 @ WOT	• 110-120 PSI	• 120-140 PSI
• Street Valve Bodies in overdrive & lockup @ WOT	• 120-130 PSI	• 160-180 PSI
• Competition Valve Bodies in overdrive & lockup @ WOT	• 130-150 PSI	• 180-200 PSI
• Idle in Reverse pressure for MPT Valve Bodies (250psi is a general ballpark here)	• 250 PSI	• 250 PSI

**** We do not recommend going over 200 PSI line pressure, as we have found it degrades the bellville spring in the forward clutch drum and can potentially turn it inside out.**

Preparation for Installation (RE Models Only)

We remove the transducer to prevent damage in shipping. Before you install the valve body, you will need to remove the Governor Pressure body – held in place by two T25 torx head screws. Lift out the bracket that holds in the governor pressure solenoid. This bracket also holds the transducer into the Governor Pressure body. **NOTE:** The early style transducer has a retaining clip installed which will need to be removed/reinstalled after the transducer is inserted into the governor pressure body.



Insert the transducer into the opening.

Replace the governor pressure solenoid and bracket making sure that the bracket engages the solenoid in the first land (**as pictured below**). Also make sure the orientation of the two gaskets is **as pictured below**.

NOTE: Not all valve bodies have the secondary metal gasket seen beneath the black gasket in the photo below. 48RE Automatic valve bodies will not include this metal gasket.

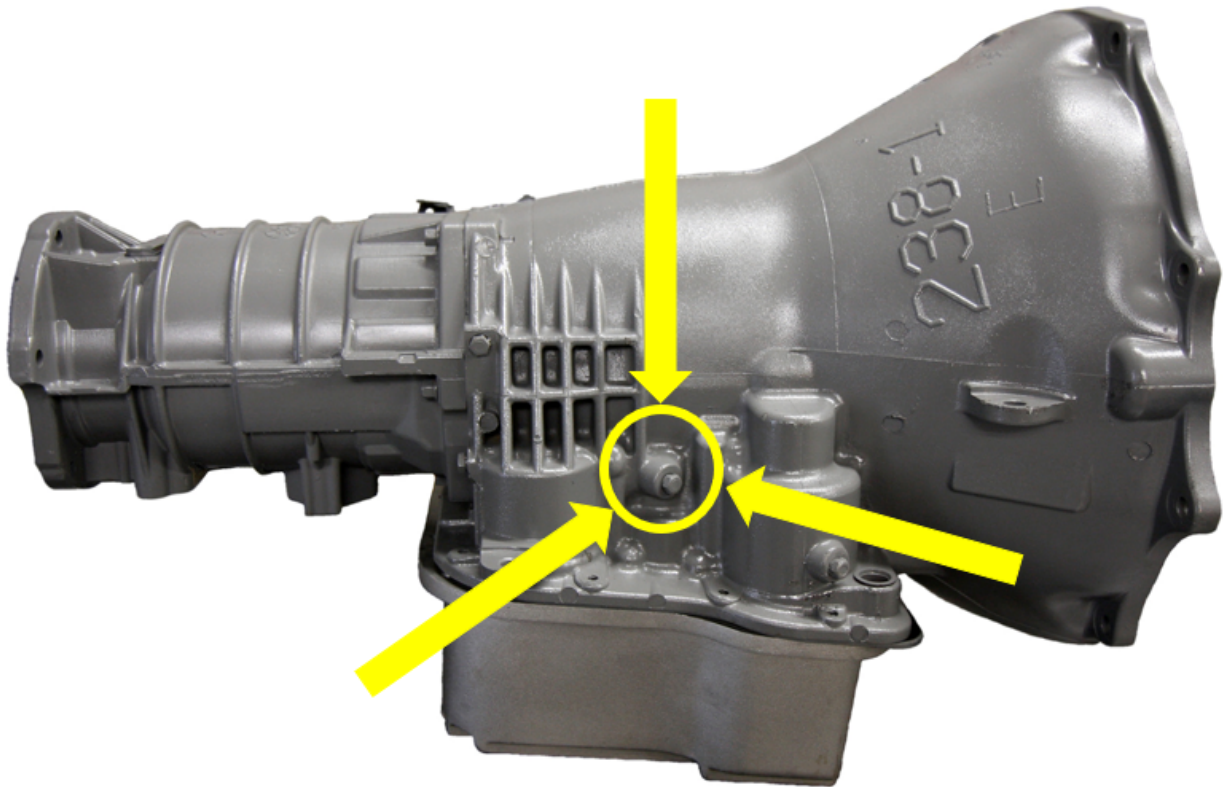


If you have any questions regarding our valve bodies, please feel free to call (302) 276-2882, or send us an email to muldoonsdiesel@gmail.com

Once again, thank you for choosing our product, and have fun banging gears!

Checking Pressures

Pressures are checked at the accumulator port of the transmission, passenger side, second port back (behind intermediate servo) – commonly referred to as kickdown servo. This can be seen in the photo below:



If pressures are too high or low, adjust the pressure regulator screw on driver side of the valve body with a cut down 3/16" allen key.

Do not adjust the TV minimum (blue loctite screw).

For every 1 turn counter-clockwise, you will gain 10 PSI line. 1 turn clockwise will drop 10 PSI line.

Please detach next page and return with core



610 South Street New Castle, DE 19720

CORE RETURN

Customer Name: _____

Customer Telephone: _____

Customer Address: _____

Product Purchased: MPT High Performance Valve Body

Order / Invoice #: _____

I am returning my core after purchasing/receiving a Muldoon's product.

OR

I am sending my core in up-front prior to the shipment of a Muldoon's product.

Core Return Policy

- Core refunds are processed in the form of a check mailed to the shipping address provided.
- Cores must be returned within 2 weeks of product receipt. Cores returned after 2 weeks are subject to a \$25.00 refund reduction per day.
- If returned core is found to be damaged, compromised or unacceptable in any way Muldoon's Performance Transmissions has the right to refuse it. It is the responsibility of the customer to properly package and secure the core for return shipment. Please reuse the packaging in which your valve body was sent.
- Valve Bodies must be unmodified and have original rooster comb.
- Valve bodies must be completely drained of all oil.
- We don't need it, so **please do not send in your park rod.**
- The core returned must match the core sent out (e.g., 48 for 48).

Purchasing a return shipping label through MPT for core refund

If you would like to purchase a return shipping label from MPT, scan the QR code below or go to <https://www.muldoonsdiesel.com/products/valve-body-core-return-shipping>

Scan this barcode with a smartphone/ tablet camera and open link to purchase return label through MPT website. Label will be generated and emailed within two business days.

