



MULDOON'S

— *Diesel Performance*

610 South Street New Castle DE 19720

(302) 276 2882

Transmission Instructions

Thank you for purchasing a Muldoon's Diesel Performance automatic transmission. Here are some guidelines to help you install your transmission.

Make Sure the alignment dowels from your old transmission are transferred to the new transmission.

Make sure that the torque converter is completely seated in the oil pump, and that once the transmission is installed that there is at least 1/4" Freeplay between the torque converter and flexplate.

Do not use the spacer in between crank bolts and flex plate, unless otherwise noted.

Flexplate to Crank bolts torque 110 foot pounds + Red thread locking compound.

Converter To Flexplate bolts torque 35 Foot Pounds + Blue Loctite.

Transmission fluid recommendation is Dexron III, commonly referred to as Dexron/Mercon. Any brand that meets the Dexron III specification is fine.

Be sure to fill the torque converter with at least 2 quarts of fluid (preferably 4).

- using a transmission specific funnel aids in this process and makes less of a mess if the funnel protrudes down past the converter hub (fill slowly).

Before you start your engine install pressure gauge to accumulator port (second port back on passenger side).

It is imperative that transmission line pressure is verified for warranty validity.

Dry fill capacity will be 17-25 quarts depending on cooler configuration and pan depth.

Initially the transmission fill capacity with engine off is 7 quarts.

Fill in neutral slowly with engine running. Once remaining transmission fluid is filled, cycle through the gears, place shifter in neutral and check fluid level.

Check Pressures with a pressure gauge, rear wheels on jackstands.

Pressures are checked second test port back, passenger side.

**Reverse pressures are checked on the rear port of the transmission, passenger side.
(Port facing rear of truck)**

**Please Call the shop at (302) 276-2882 with pressure readings, or email them to
muldoonsdiesel@gmail.com**

Idle in Drive _____ PSI

¼ Throttle Drive _____ PSI

½ Throttle Drive _____ PSI

100% Throttle Drive _____ PSI This will be your fourth gear lock up pressure.

Idle in reverse _____ PSI

**Customer must also change the fluid and adjust the front and rear band at
approximately 1,000 miles.**

**Thank you for purchasing a Muldoon's Transmission, if you have any questions please
contact us at (302) 276-2882, or email us at muldoonsdiesel@gmail.com**



MULD **N'S**

Diesel Performance

610 South Street
New Castle DE 19720

CORE RETURN

Customer Name: _____

Customer Address: _____

Customer Telephone: _____

Product Purchased _____

Core Return Policy

Core refunds are processed in the form of a check mailed to the shipping address provided.

If core return sheet is not completed and returned with your core, we will not honor a core refund.

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. We expect a light film of oil on the case but if your core is caked with dirt/debris when received, we will deduct \$50.00 from your core refund.

If returned core is found to be damaged, compromised or unacceptable in any way Muldoon's Diesel Performance has the right to refuse it. It is the responsibility of the customer to properly package and secure the core for return shipment.

Transmissions must be complete with no missing internal parts. Please reuse the ratchet straps that were used when we send your transmission.

Valve bodies, Transmissions and Torque Converters must be completely drained of all oil.

The core returned must match the core sent out.

For MDP Use Only

Date Core received: _____

Item	Y	N
Case		
Torque Converter		
Direct Drum		
Reverse Drum		
O/D Housing		
Valve Body		
Stator		

Refund amount: _____

Date refunded: _____