



**610 South Street New Castle DE 19720**

**(302) 276 2882**

**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.**

**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**

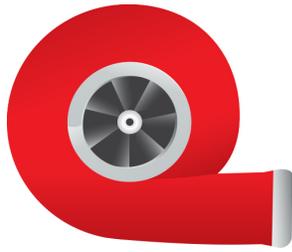
**½ Throttle Drive \_\_\_\_\_ PSI**

**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 forward 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**



# **MULDOON'S**

*Diesel Performance*

## **CORE RETURN**

**Customer Name:** \_\_\_\_\_

**Customer Telephone:** \_\_\_\_\_

**Product Purchased** \_\_\_\_\_

**Credit Card # For Core credit** \_\_\_\_\_

**Expiration** \_\_\_\_\_ **Security Code** \_\_\_\_\_

### **Core Return Policy**

**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.**

**If returned core is found to be damaged, compromised or unacceptable in any way Muldoon's Diesel Performance LLC has the right to refuse it.**

**Valve Bodies must be unmodified and have original rooster comb.**

**Transmissions must be complete with no missing internal parts. Valve bodies and Transmissions must be completely drained of all oil.**

**The core returned must match the core sent out.**

**For MDP Use Only**

Date Core received: \_\_\_\_\_

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

Refund amount: \_\_\_\_\_

Date refunded: \_\_\_\_\_