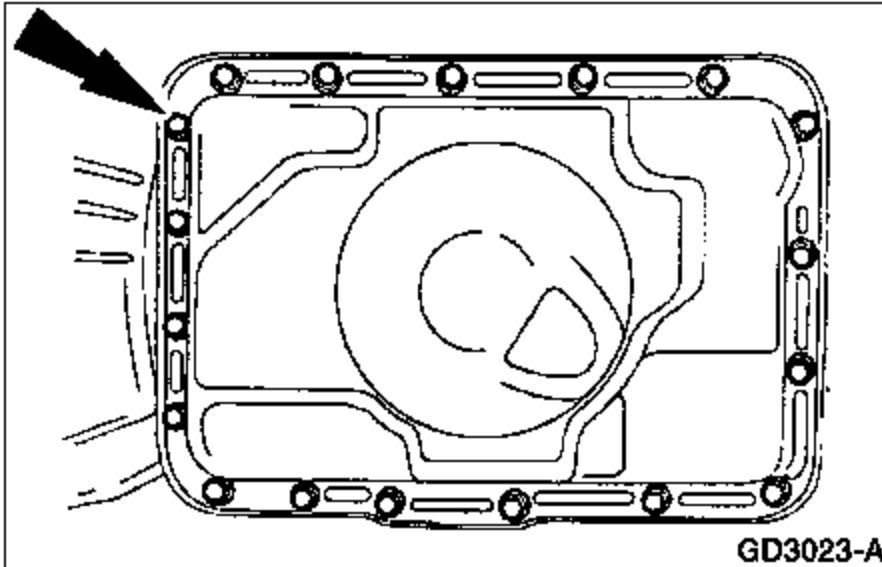


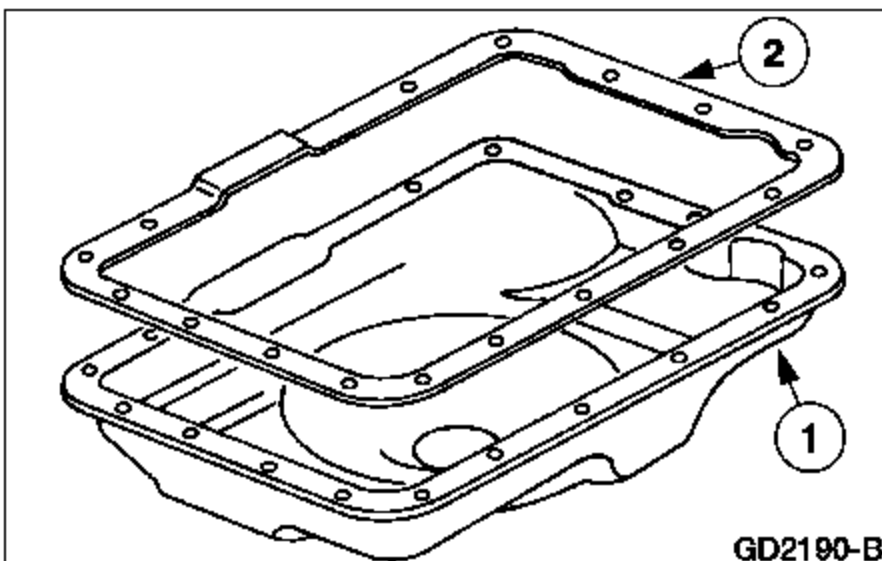
Fluid Pan, Gasket and Filter

Removal

1. Place a drain pan under the transmission fluid pan (7A194).

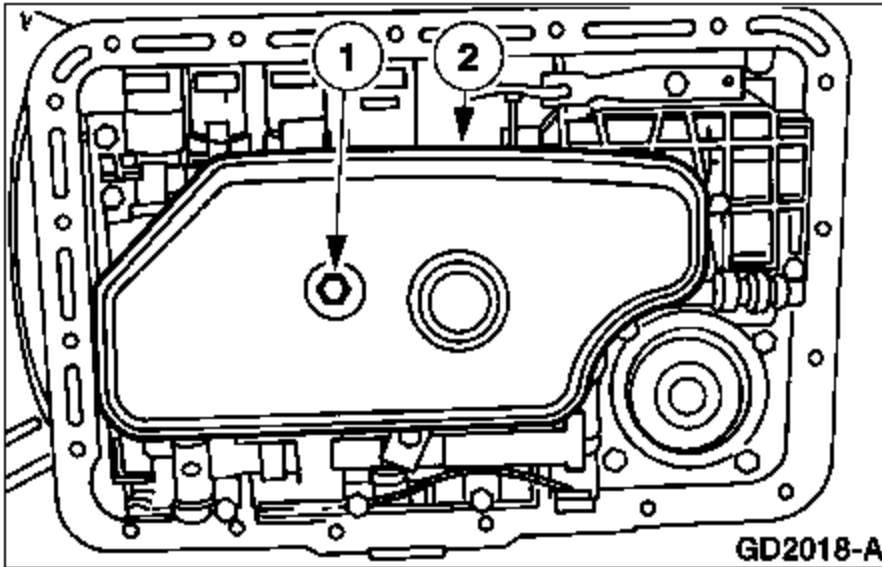


- μ 2. **Note:**
Transmission servo heat shield (7F013) needs to be unclipped from the fluid pan rail and positioned out of the way for fluid pan removal.
- Drain transmission fluid.
- I Unclip the servo heat shield and position out of the way.
 - I Remove all the transmission fluid pan bolts except for two in the front. Loosen the two transmission fluid pan bolts. Pry the rear of the transmission fluid pan down and allow fluid to drain. After fluid is drained remove the two remaining transmission fluid pan bolts.



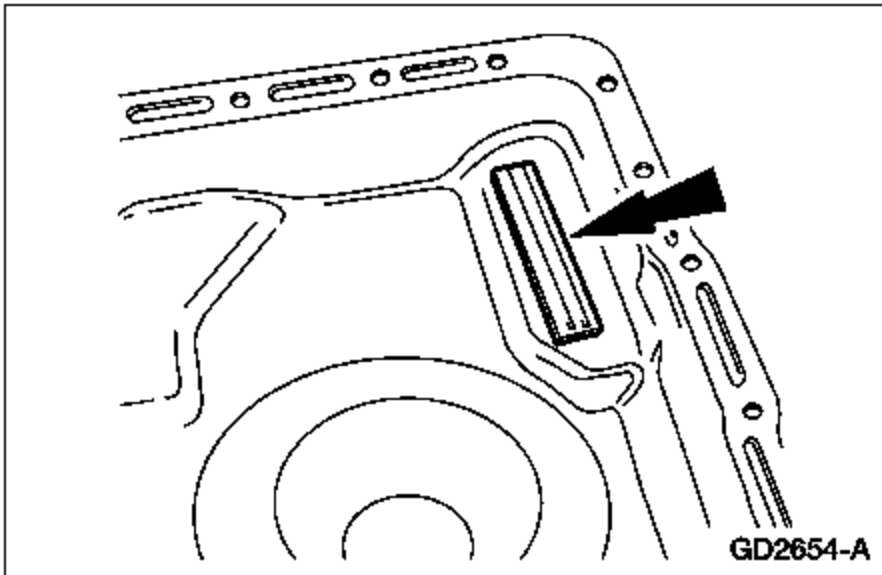
- μ 3. Remove the transmission fluid pan.

- 1 Remove the transmission fluid pan.
- 2 Remove and discard the transmission fluid pan gasket.



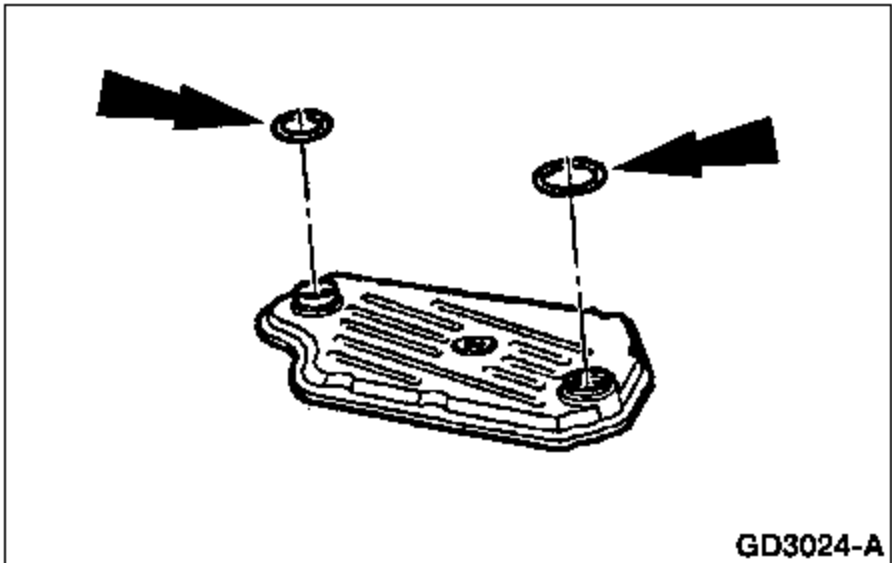
- μ 4. Remove and discard the transmission fluid filter.

- 1 Remove the transmission fluid filter screw.
- 2 Remove the transmission fluid filter.



- μ 5. Clean and inspect the transmission fluid pan and magnet. Clean all mating surfaces.
6. Flush the transmission fluid cooler and transmission fluid cooler lines. For additional information, refer to [«Transmission Fluid Cooler — Backflushing and Cleaning»](#) in this section.

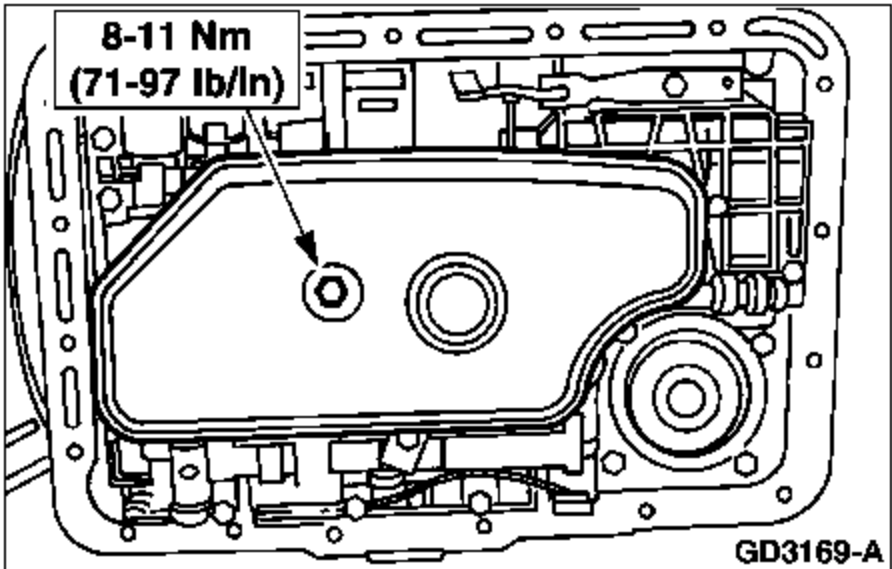
Installation




- μ 1.  **CAUTION:**
Lubricate fluid filter O-rings with MERCON V® Automatic Transmission Fluid XT-5-QM Meeting Ford specification MERCON V® or they may be damaged.

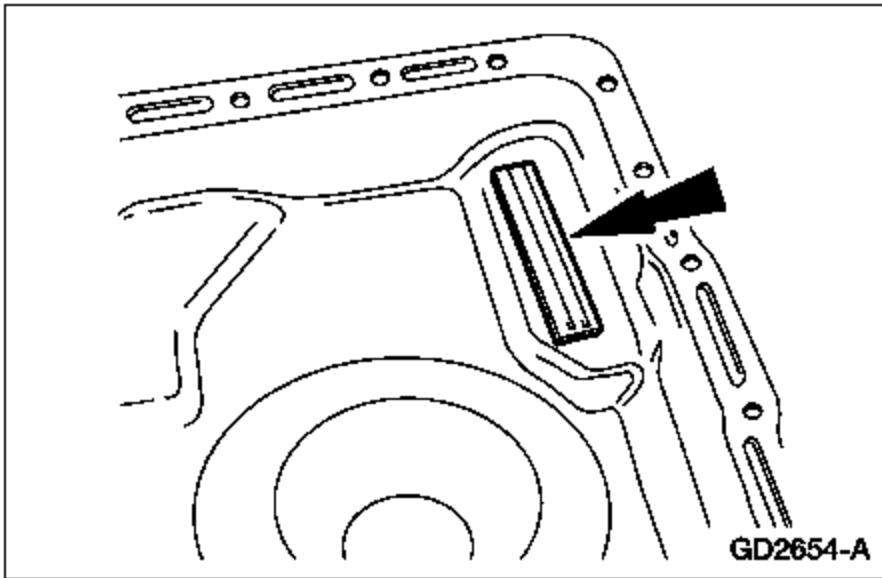
Lube and install new O-rings onto the transmission fluid filter. Install a new transmission fluid filter.

I Position transmission fluid filter on the main control valve body (7A100).

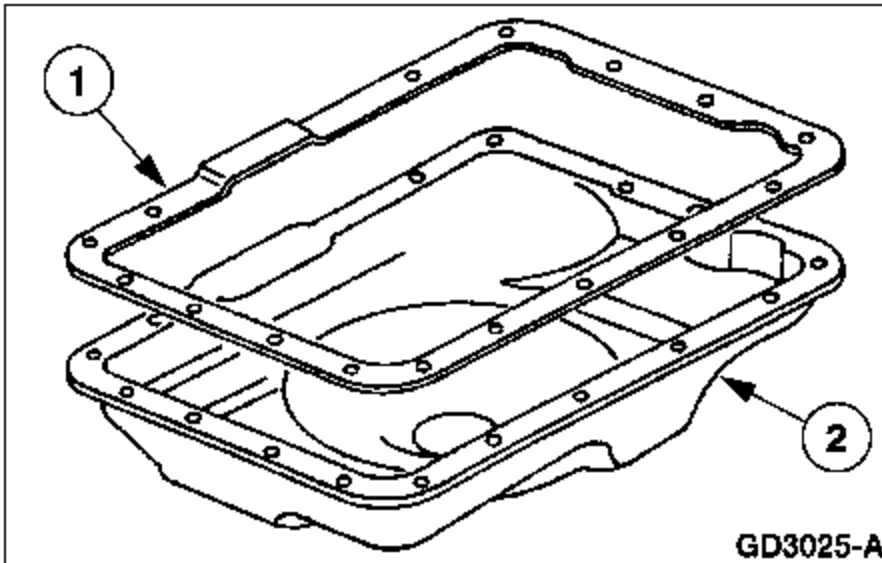


- μ 2.  **CAUTION:**
Make sure wire harness is not pinched under filter.

Install transmission fluid filter screw.

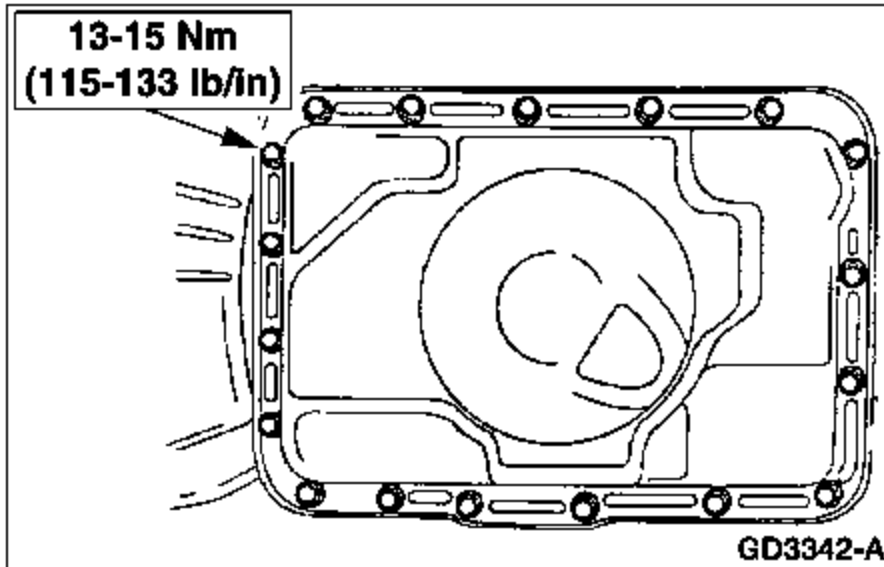


- μ 3. Position the oil pan magnet in the transmission fluid pan.



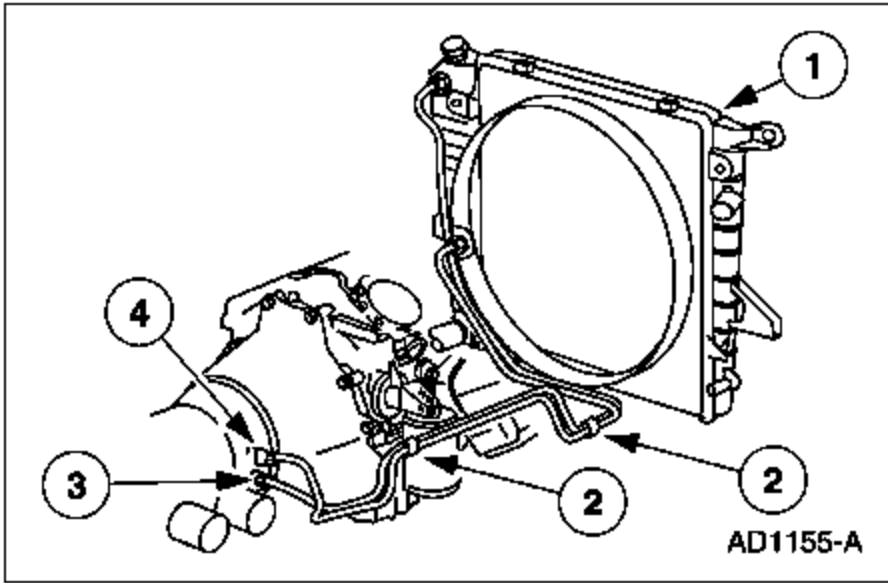
- μ 4. Install the transmission fluid pan.

- 1 Position a new transmission fluid pan gasket on the transmission fluid pan.
- 2 Install and align the transmission fluid pan.
- l Loosely install the transmission fluid pan screws.



- μ 5. Tighten the transmission fluid pan screws.
 - I Use a crisscross sequence to tighten the transmission fluid pan screws.
 - 6. Install the servo heat shield.
 - 7. Lower the vehicle.
 - 8. **Note:**
When filling a dry transmission and converter start with a minimum of 3.7 liters (4 quarts).
Fill transmission to the proper fluid level and check for proper transmission operation.
 - I Use MERCON V® Automatic Transmission Fluid XT-5-QM meeting Ford specification MERCON V®.
-

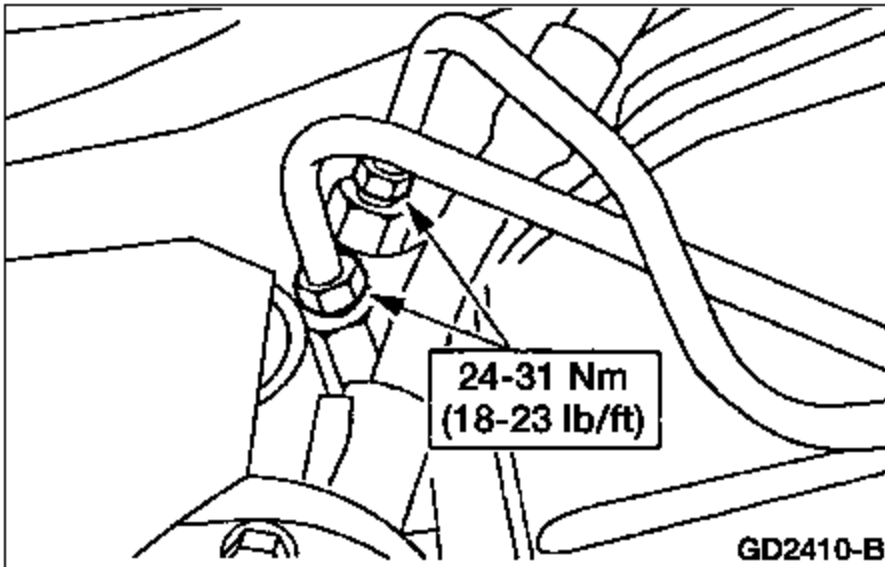
Transmission Cooling Components - Ranger 4R/5R55E



```

UAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAZ
 3  Item  3  Part Number  3  Description  3
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA~
 3  1  3  8005  3  Radiator  3
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA~
 3  2  3  388160-S101  3  C-Clip  3
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA~
 3  3  3  7A031  3  Fluid Cooler Tube  3
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA~
 3  4  3  7A030  3  Fluid Cooler Inlet Tube  3
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAU
    
```

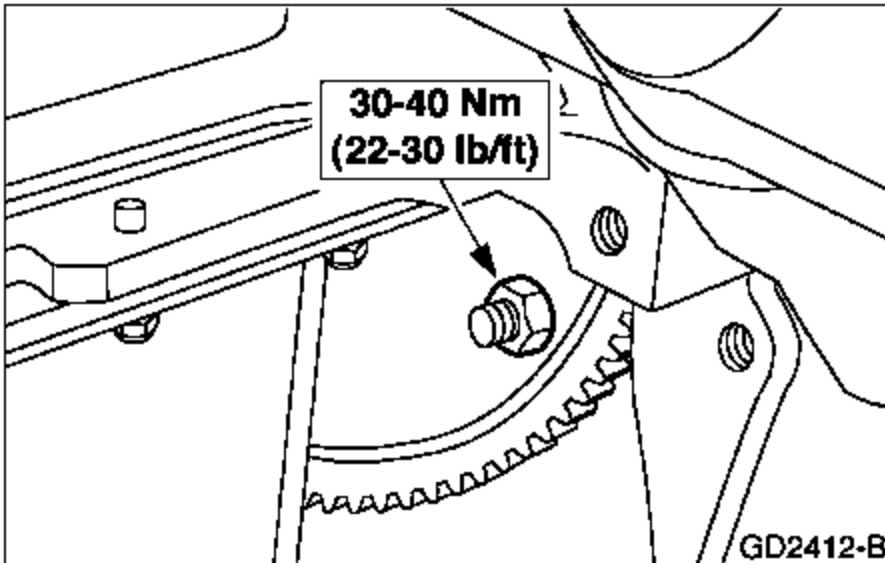




- μ 12. **⚠ CAUTION:**
Use care not to bend or otherwise damage the cooler lines.

Transmission cooler lines - Torque Specs

13. Install the catalytic converter assembly. For additional information, refer to [«Section 309-00»](#).



- μ 14. Install the four nuts.
I Rotate the crankshaft as needed to gain access to all the nuts.

15. Install the starter motor. For additional information, refer to [«Section 303-06»](#).