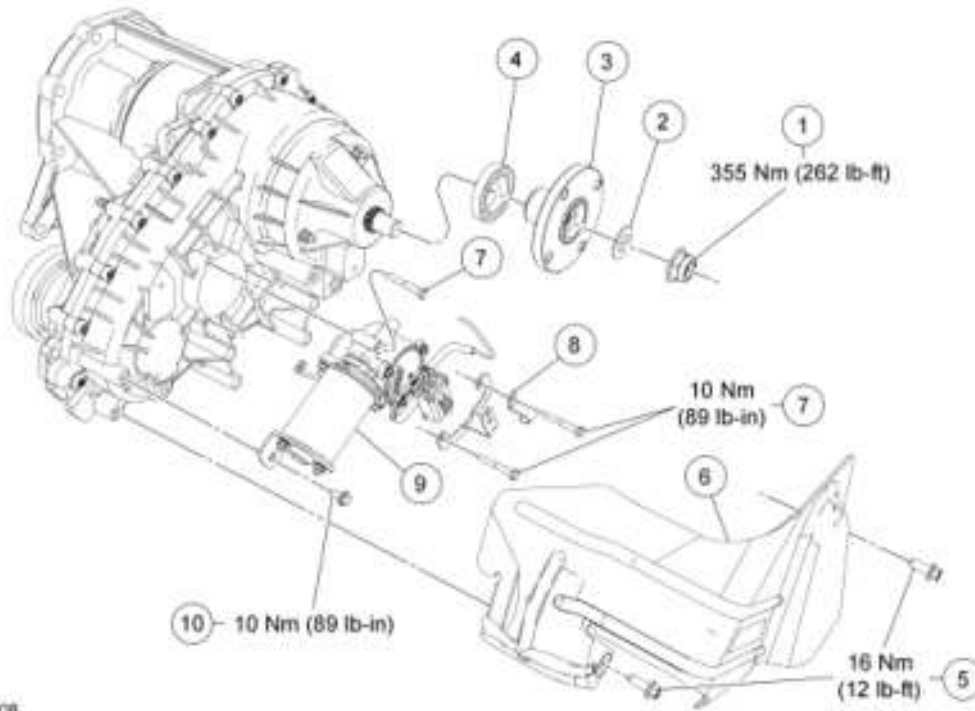


IN-VEHICLE SERVICING

TRANSFER CASE - EXPLODED VIEW



N0045008

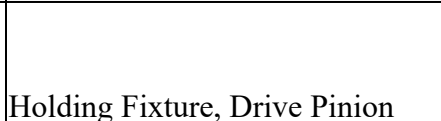
Fig. 2: Exploded View Of Transfer Case With Torque Specifications
 Courtesy of FORD MOTOR CO.






Item	Part Number	Description
1	7045	Rear output shaft flange nut
2	7B368	Rear output shaft flange washer
3	7B214	Rear output shaft flange
4	7B215	Rear output shaft oil seal
5	7A443	Heat shield bolts (3 required)
6	7C277	Heat shield
7	N800670	Shift motor bolts (3 required)
8	7K470	J-clip
9	7G360	Transfer case shift motor
10	N802503	Transfer case shift motor bolt

1. For additional information, refer to the appropriate procedures.

TRANSFER CASE REAR OUTPUT SHAFT SEAL

Special Tools

Illustration	Tool Name	Tool Number
		205-126 (T78P-4851-A)

 <p>ST1257-A</p>	Flange	
 <p>ST2415-A</p>	Remover, Output shaft Flange	307-523 or equivalent
 <p>ST1351-A</p>	Slide Hammer	100-001 (T50T-100-A)
 <p>ST1213-A</p>	Remover, Bushing	307-001 (TOOL-1175-AC) or equivalent
 <p>ST2305-A</p>	Installer, Input Shaft Oil Seal	308-186 (T90T-7172-B)

Material

Item	Specification
MERCON® Multi-Purpose Automatic Transmission Fluid XT-2-QDX (US); XT-2-LM12 (Canada)	MERCON®
Threadlock and Sealer TA-25	WSK-M2G351-A5

REMOVAL AND INSTALLATION

1. With the transmission in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING AND LIFTING**.
2. Index-mark the rear output flange and the driveshaft yoke.

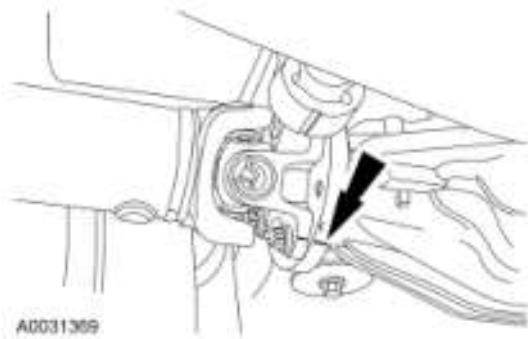


Fig. 3: Locating Driveshaft Flange To Pinion Flange Index-Mark
Courtesy of FORD MOTOR CO.

CAUTION: If new driveshaft yoke bolts are not available, coat the threads of the original bolts with threadlock and sealer.

3. Remove the 4 driveshaft yoke bolts.
 - To install, tighten to 112 N.m (83 lb-ft) evenly in a cross pattern.

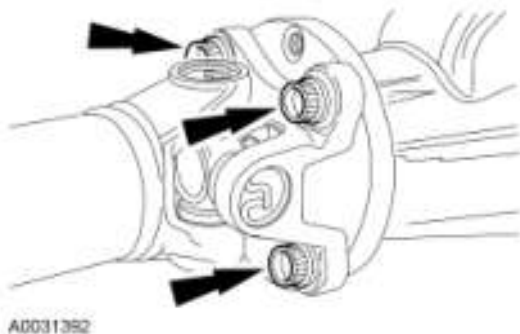


Fig. 4: Locating Driveshaft Yoke Bolts
Courtesy of FORD MOTOR CO.

CAUTION: The driveshaft flange fits tightly on the rear axle pinion flange pilot. Never hammer on the driveshaft or any of its components to disconnect the driveshaft flange from the pinion flange. Pry only in the area shown, with a suitable tool, to disconnect the driveshaft flange from the pinion flange.

4. Using a suitable tool as shown, disconnect the driveshaft flange from the rear axle pinion flange.



Fig. 5: Disconnecting Driveshaft Flange Yoke From Pinion Flange
Courtesy of FORD MOTOR CO.

5. Position the driveshaft aside and support with mechanic's wire.

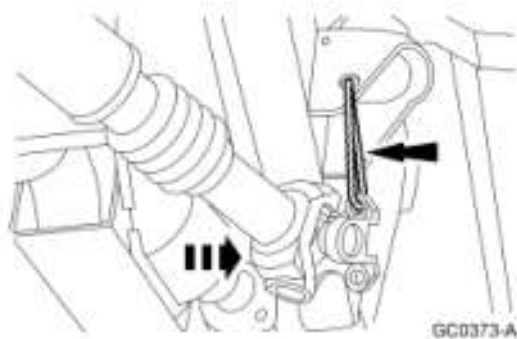


Fig. 6: Positioning Driveshaft Aside & Support With Mechanic's Wire
Courtesy of FORD MOTOR CO.

6. Using the special tool to hold the output flange, remove the nut.
 - To install, tighten to 355 N.m (262 lb-ft).

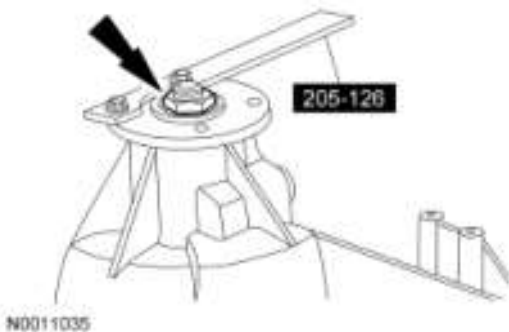


Fig. 7: Locating Output Flange Nut And Special Tool (205-126)
Courtesy of FORD MOTOR CO.

7. Remove the output shaft yoke washer.
8. Using the special tool, remove the rear output shaft flange.

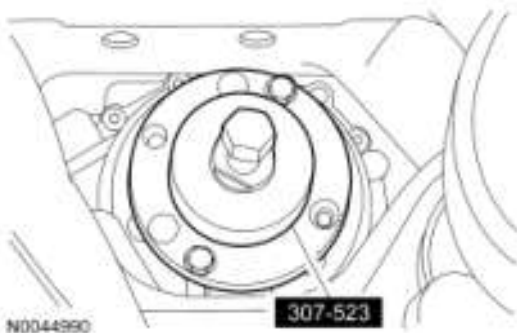


Fig. 8: Removing Rear Output Shaft Flange Using Special Tool (307-523)
Courtesy of FORD MOTOR CO.

9. Remove and discard the rear output shaft flange oil seal.

10. Using the special tools, remove the rear output shaft oil seal.

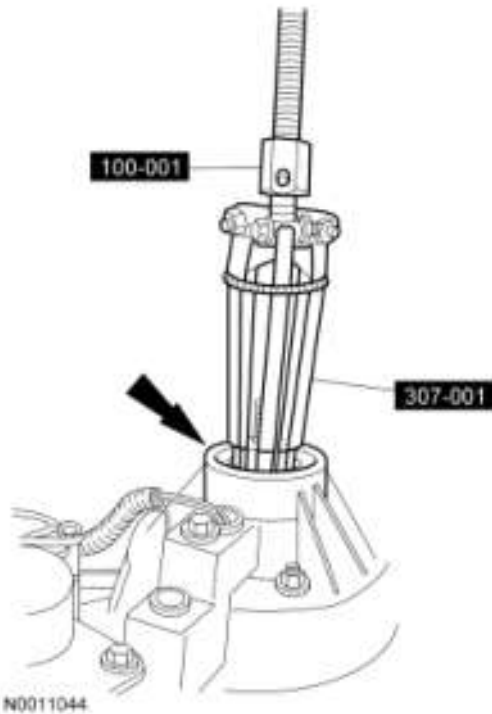


Fig. 9: Removing Rear Output Shaft Oil Seal Using Special Tools (100-001, 307-001)
Courtesy of FORD MOTOR CO.

11. Using the special tool, install a new rear output shaft oil seal.

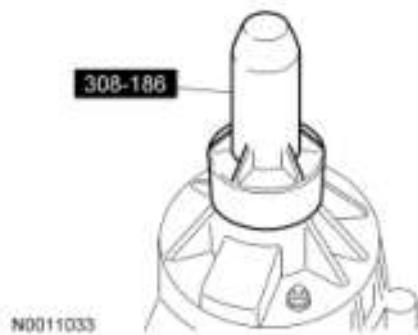


Fig. 10: Installing Rear Output Shaft Oil Seal Using Special Tools (308-186)
Courtesy of FORD MOTOR CO.

12. To install, reverse the removal procedure.

- Always install a new rear output shaft flange oil seal.