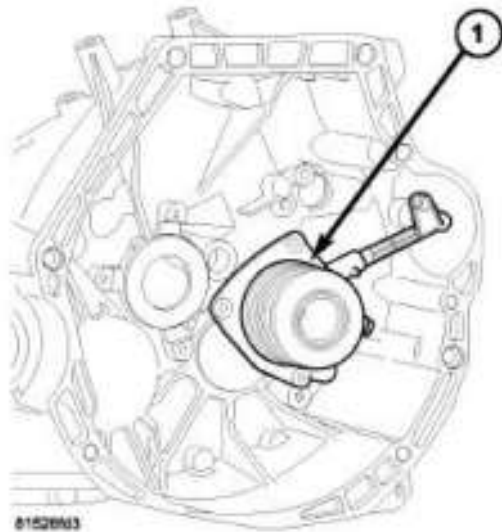


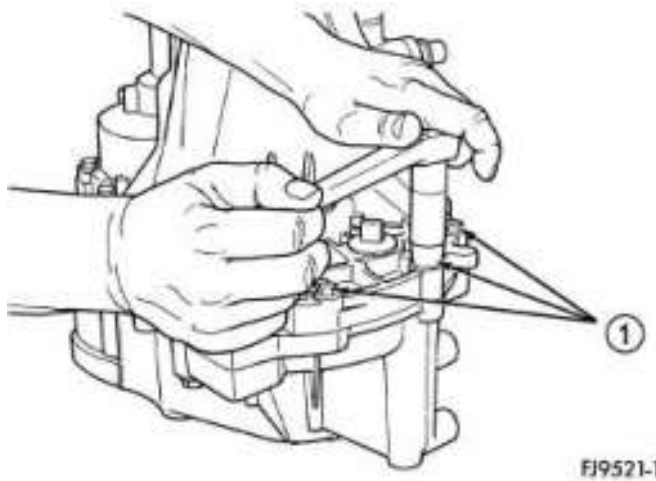
# DISASSEMBLY

## DISASSEMBLY



**Fig. 16: Removing/Installing Concentric Slave Cylinder**  
Courtesy of CHRYSLER LLC

1. Remove bolts from slave cylinder-to-clutch bellhousing and remove slave cylinder (1) from transaxle.



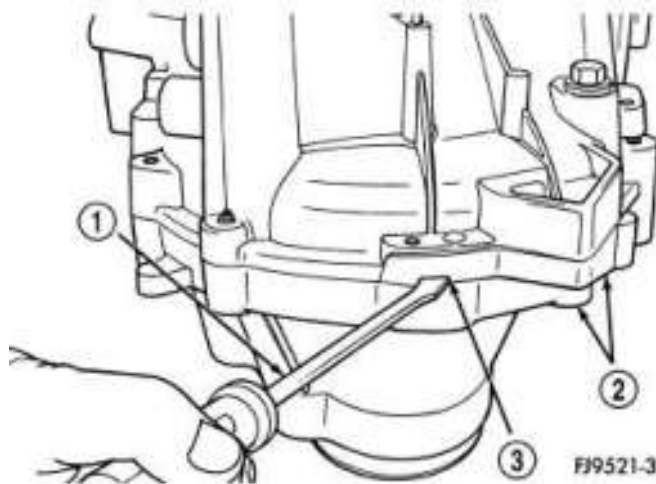
**Fig. 17: Case Bolts**  
Courtesy of CHRYSLER LLC

1 - CASE BOLTS

The T355 transaxle internal components can be serviced only by separating the gear case from the bellhousing case.

**CAUTION:** The transaxle output shaft is serviced as a unit. No disassembly and reassembly is possible. Damage to the transaxle may result.

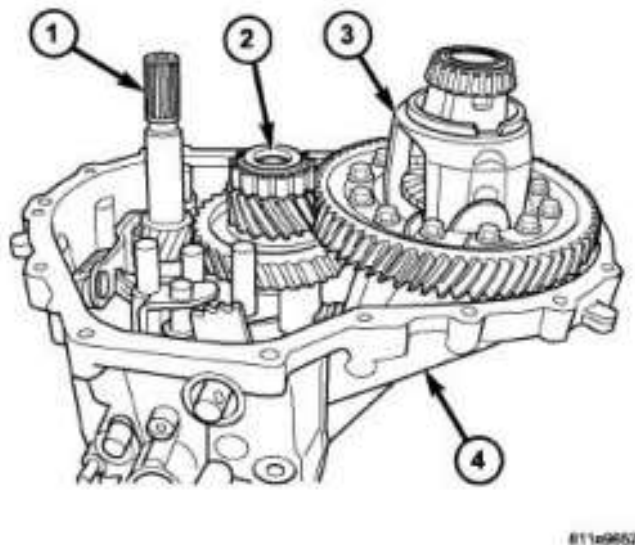
2. Place transaxle on bench.
3. Remove transaxle case half bolts (1).



**Fig. 18: Separate Case Halves**  
 Courtesy of CHRYSLER LLC

1 - PRY TOOL
2 - CASE HALVES
3 - PRY SLOT

4. Place two screwdrivers (1) into the slots (3) provided in the case halves (2) near the dowels. Refer to **Fig. 18**. Separate the case halves.

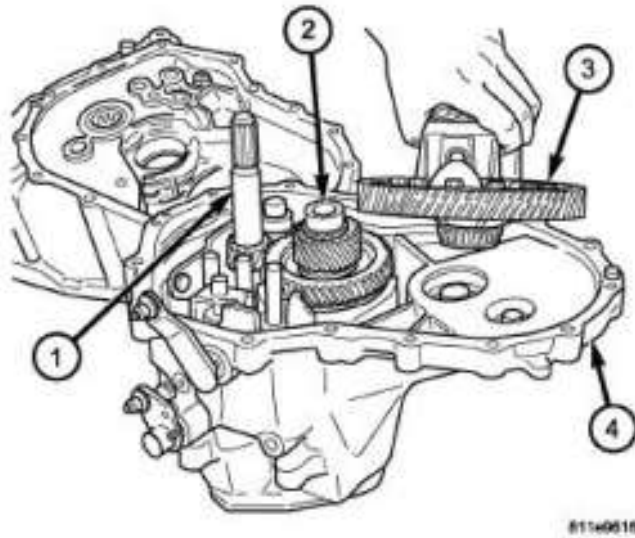


**Fig. 19: Bellhousing Case Half Removed**  
 Courtesy of CHRYSLER LLC

1 - INPUT SHAFT
2 - OUTPUT SHAFT

3 - DIFFERENTIAL ASSEMBLY
4 - GEARTRAIN HOUSING

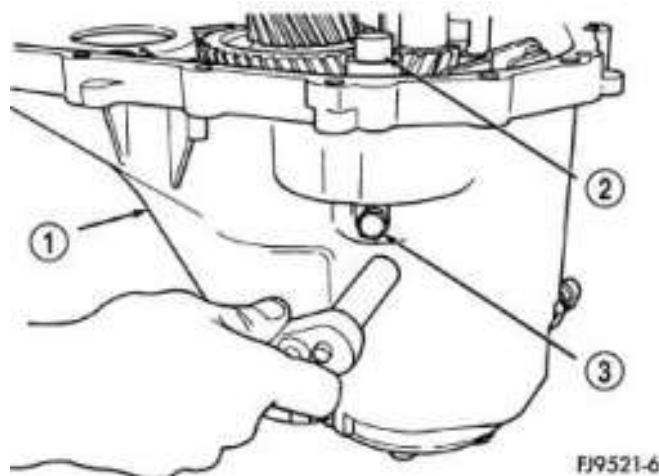
5. Remove bellhousing half from gear case half (4). Refer to **Fig. 19**.



**Fig. 20: Removing/Installing Differential**  
 Courtesy of CHRYSLER LLC

1 - INPUT SHAFT
2 - OUTPUT SHAFT
3 - DIFFERENTIAL ASSEMBLY
4 - GEARTRAIN HOUSING

6. Remove differential assembly (3) from housing (4). Refer to **Fig. 20**.

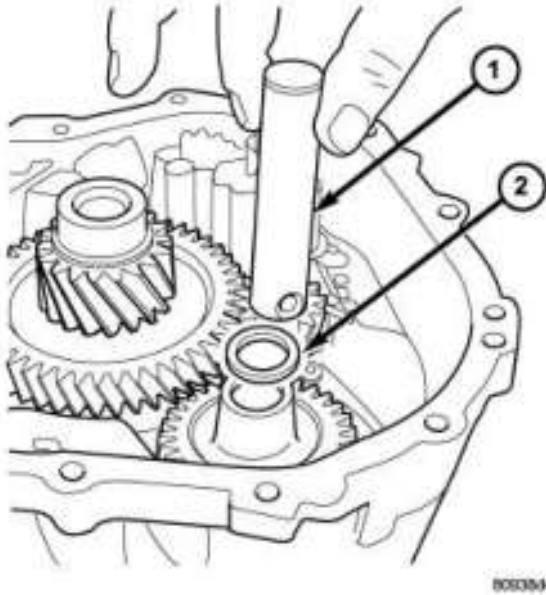


**Fig. 21: Reverse Idler Shaft**  
 Courtesy of CHRYSLER LLC

1 - CASE
----------

2 - REVERSE IDLER SHAFT
3 - REVERSE IDLER SHAFT BOLT

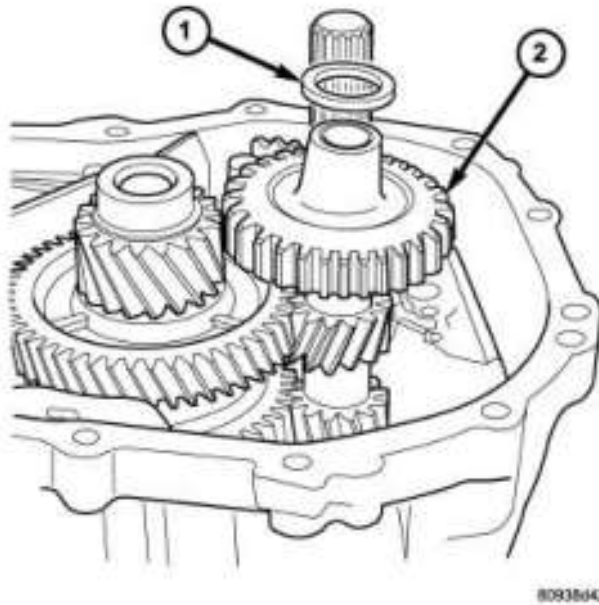
7. Remove reverse idler shaft bolt (3).



**Fig. 22: Removing/Installing Reverse Idler Shaft**  
Courtesy of CHRYSLER LLC

1 - REVERSE IDLER SHAFT
2 - SPACER

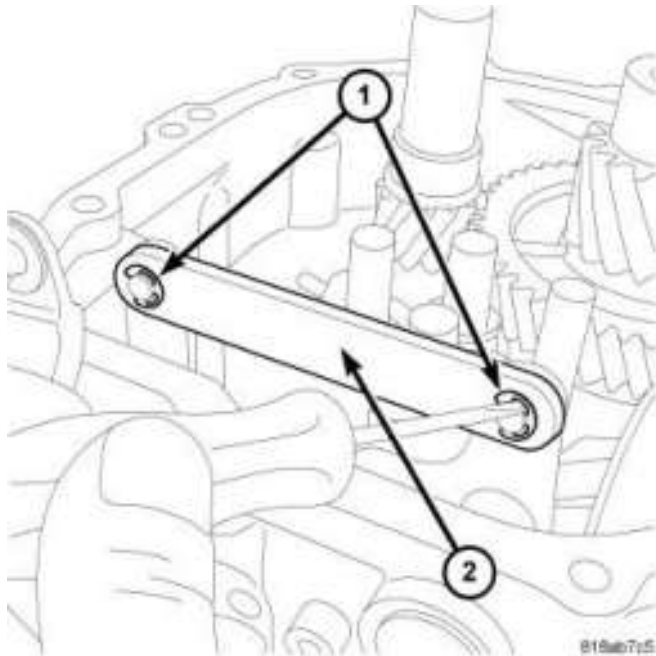
8. Remove reverse idler shaft (1). Refer to **Fig. 22**.



**Fig. 23: Reverse Idler Gear & Spacer**  
Courtesy of CHRYSLER LLC

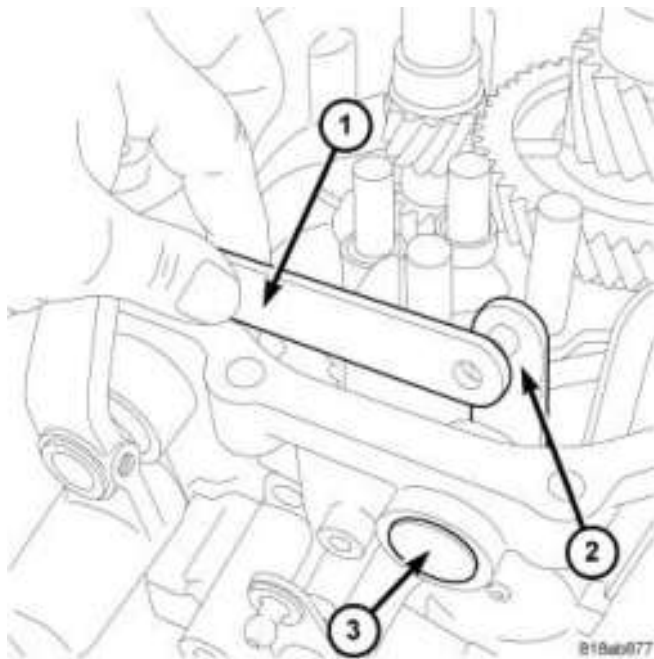
1 - SPACER
2 - REVERSE IDLER GEAR

9. Remove reverse idler gear (2) and spacer (1). Refer to **Fig. 23**.



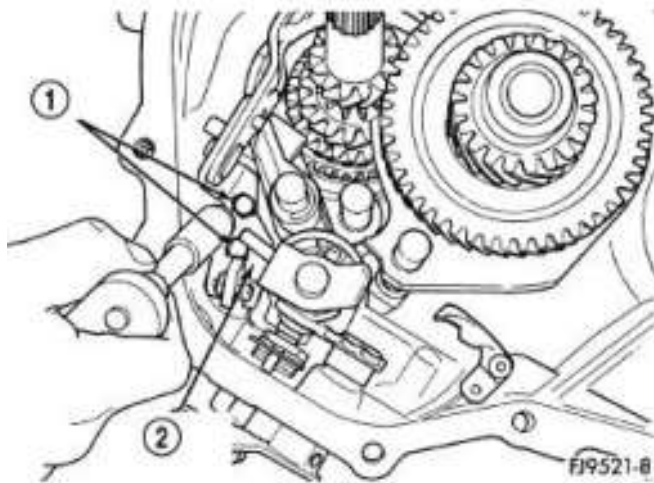
**Fig. 24: Linkage Tie Bar Clips**  
Courtesy of CHRYSLER LLC

10. Remove the clips (1) at the linkage tie bar (2).



**Fig. 25: Linkage Tie Bar**  
 Courtesy of CHRYSLER LLC

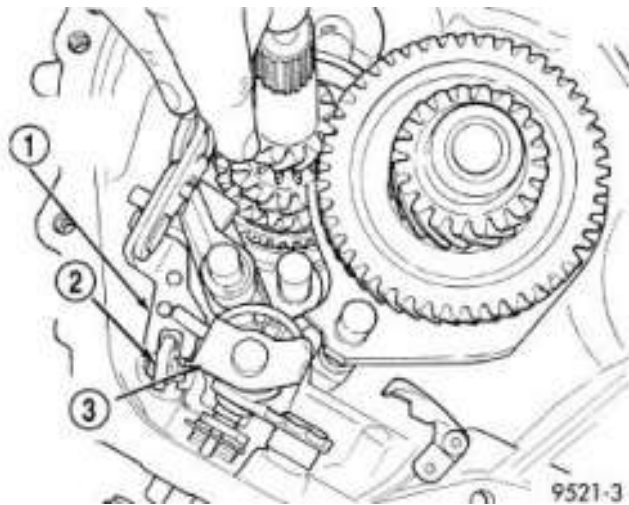
11. Remove the linkage tie bar (1).
12. Remove the plug (3) at the selector shaft (2).



**Fig. 26: Screws Retaining Reverse Fork Bracket**  
 Courtesy of CHRYSLER LLC

1 - SCREWS (2)
2 - REVERSE FORK BRACKET

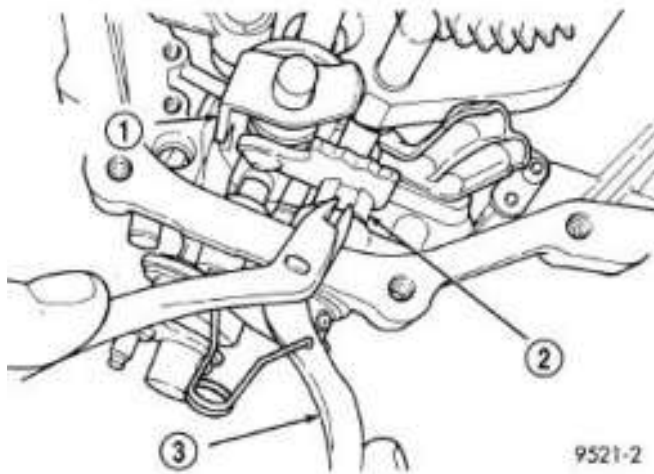
13. Remove two screws (1) retaining reverse fork bracket (2). Refer to **Fig. 26**.



**Fig. 27: Remove Reverse Fork Bracket**  
 Courtesy of CHRYSLER LLC

1 - REVERSE FORK BRACKET
2 - REVERSE CAM BLOCKOUT
3 - SHIFT BLOCKER ASSEMBLY

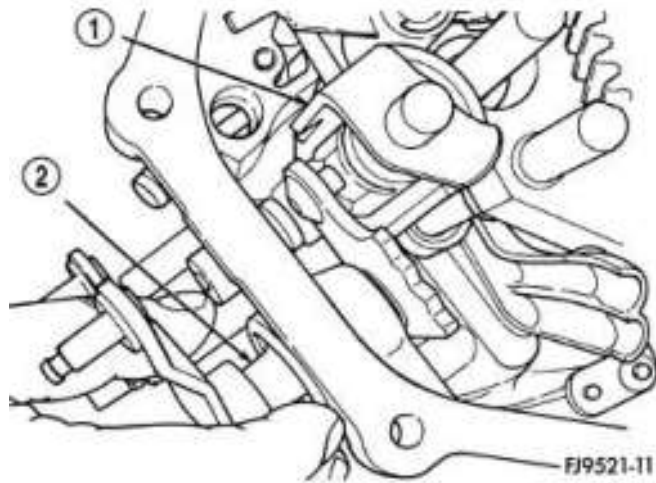
14. Remove reverse fork bracket (1) and reverse cam block-out assembly (2). Refer to **Fig. 27**.



**Fig. 28: Remove Selector Shaft Spacer**  
 Courtesy of CHRYSLER LLC

1 - SHIFT BLOCKER ASSEMBLY
2 - SELECTOR SHAFT SPACER (PLASTIC)
3 - SNAP RING PLIERS

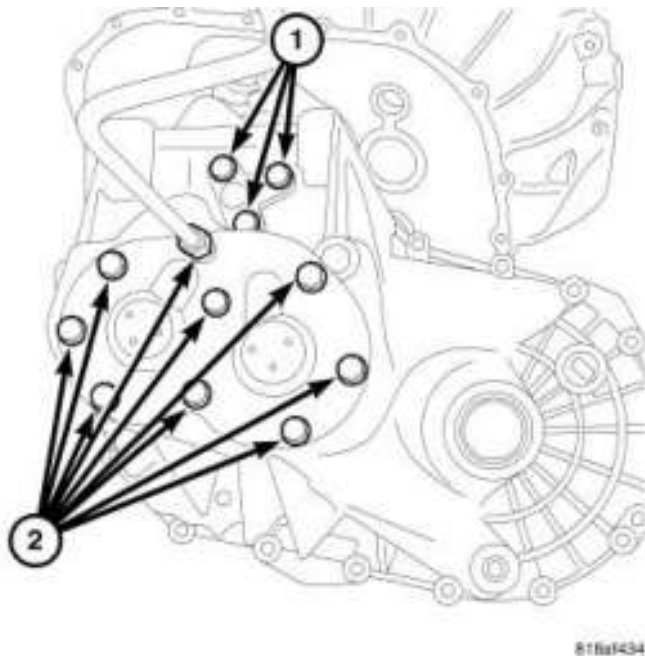
15. Using snap-ring pliers (3), remove link shaft spacer (2). Refer to **Fig. 28**.



**Fig. 29: Selector Shaft**  
 Courtesy of CHRYSLER LLC

1 - SHIFT ASSEMBLY
2 - SELECTOR SHAFT

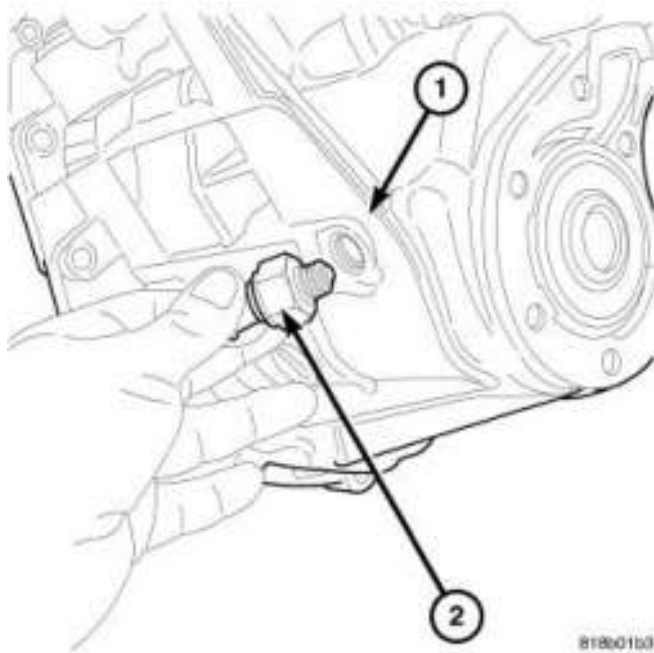
16. Pull the link shaft shift pin out of the slot in the blocker assembly. Turn selector shaft (2) up and out of the way. Refer to **Fig. 29**.



**Fig. 30: End Cover And Shaft Bolts**  
 Courtesy of CHRYSLER LLC

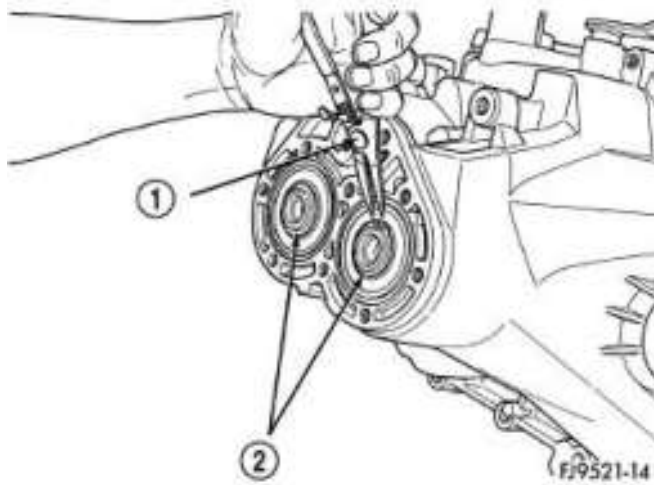
17. Remove transaxle end cover (2) and rear detent assembly bolts (1).





**Fig. 31: Backup Lamp Switch**  
 Courtesy of CHRYSLER LLC

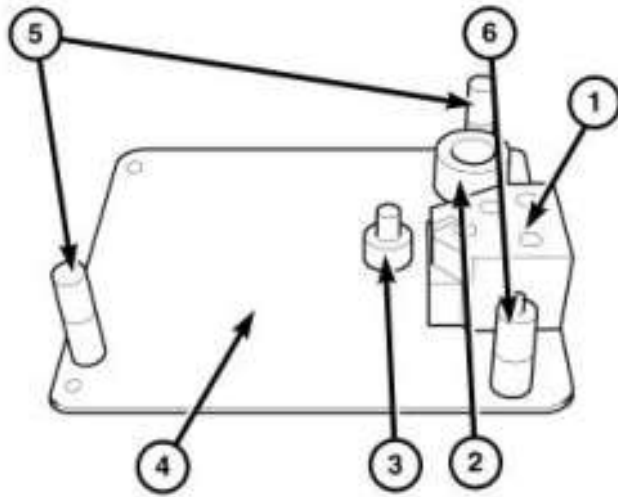
18. Remove the backup lamp switch (2).



**Fig. 32: Snap Rings Retaining Bearings**  
 Courtesy of CHRYSLER LLC

1 - SNAP RING PLIERS
2 - SNAP RINGS

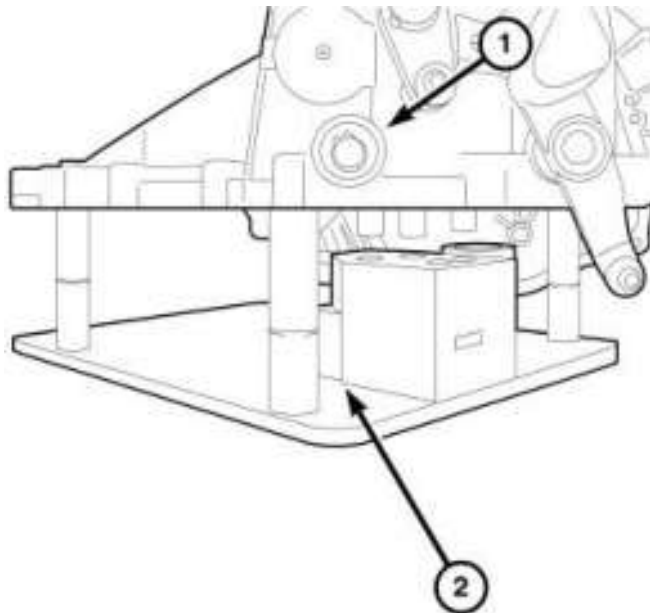
19. Remove two snap rings (2) retaining the output shaft and the input shaft to the bearings. Refer to **Fig. 32.**



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**Fig. 33: Bench Fixture T355**  
 Courtesy of CHRYSLER LLC

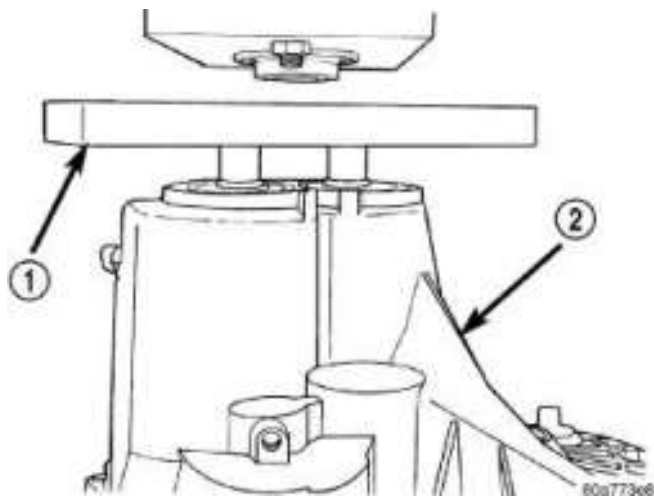
20. The Bench Fixture (special tool #6785, Assembly, Pallet) (4) and adaptors (special tool #9761-1, Pad, Shift Rail Support) (1), (special tool #9761-2, Spacer) (3), (special tool #9761-3, Spacer) (2), (special tool #9761-6, Stand Off) (5) and (special tool #9761-7, Stand Off) (6) will be used to remove input and output shafts from the case.



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**Fig. 34: Trans On Fixture T355**  
 Courtesy of CHRYSLER LLC

21. Turn transaxle over. Install transaxle (1) onto Bench Fixture (special tool #6785, Assembly, Pallet) (2). Verify shim spacers and adaptors are in position on Bench Fixture (special tool #6785, Assembly, Pallet). Install transaxle into shop press.

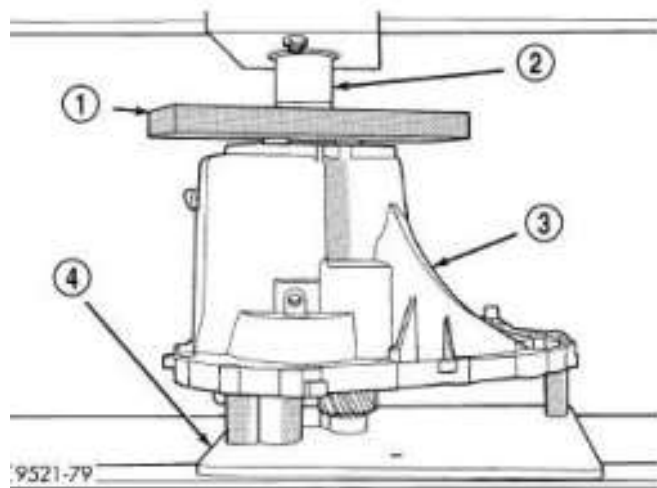


**Fig. 35: Bearing Fixture**  
 Courtesy of CHRYSLER LLC

1 - BEARING FIXTURE
2 - TRANSAXLE CASE

22. Install Bearing Remover (special tool #6768, Remover, Bearings) (1) onto transaxle end bearings. Verify tool is properly aligned to input and output shafts.

**CAUTION:** The oil dams in the input and output shafts can be damaged while pressing on the shafts if the bearing fixture is not used properly.

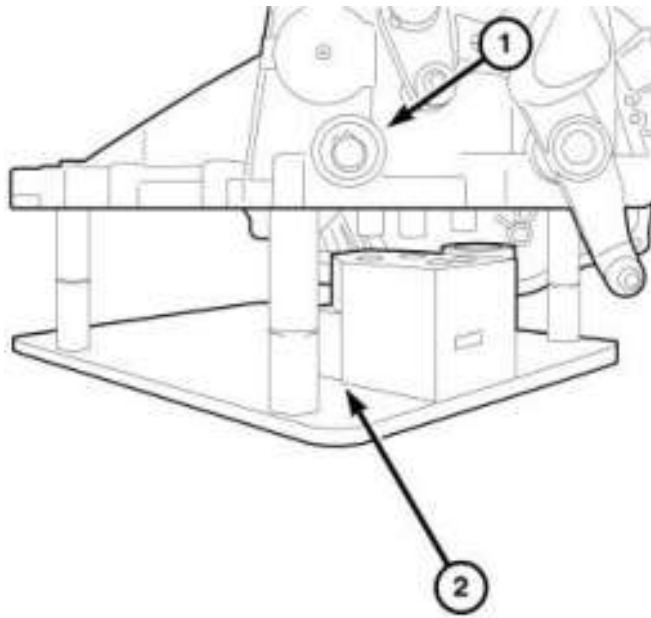


**Fig. 36: Pressing Gears Out Of Case**  
 Courtesy of CHRYSLER LLC

1 - BEARING FIXTURE
2 - PRESS RAM
3 - TRANSAXLE CASE
4 - BENCH FIXTURE

23. Install transaxle gear case (3) into shop press. Press (2) output and input shaft assemblies out of case.

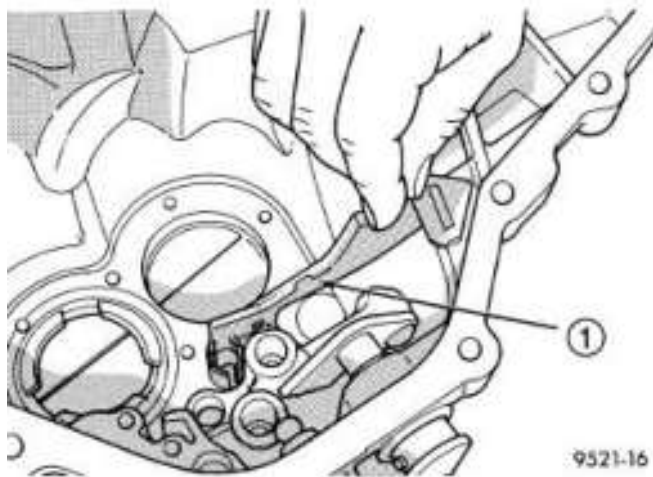
24. Remove transaxle from press.



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**Fig. 37: Trans On Fixture T355**  
Courtesy of CHRYSLER LLC

25. Carefully remove transaxle case (1) from the shaft assemblies and Bench Fixture (special tool #6785, Assembly, Pallet) (2).

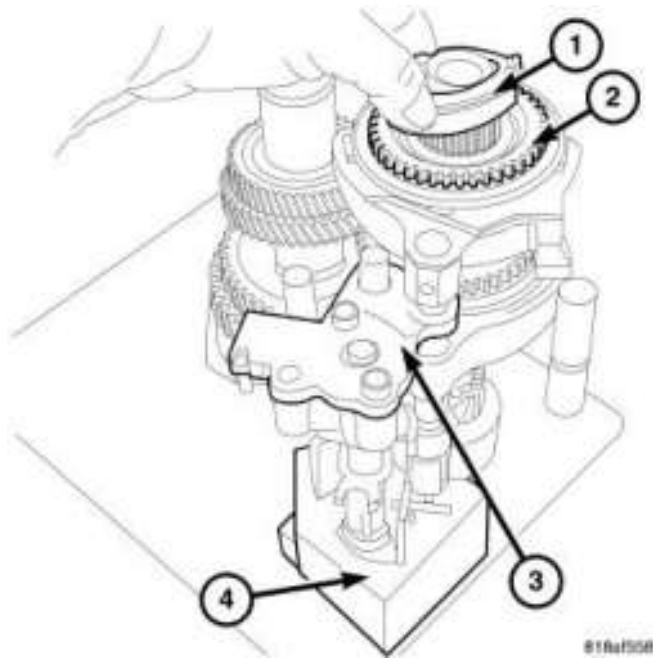


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**Fig. 38: Oil Feed Trough**  
Courtesy of CHRYSLER LLC

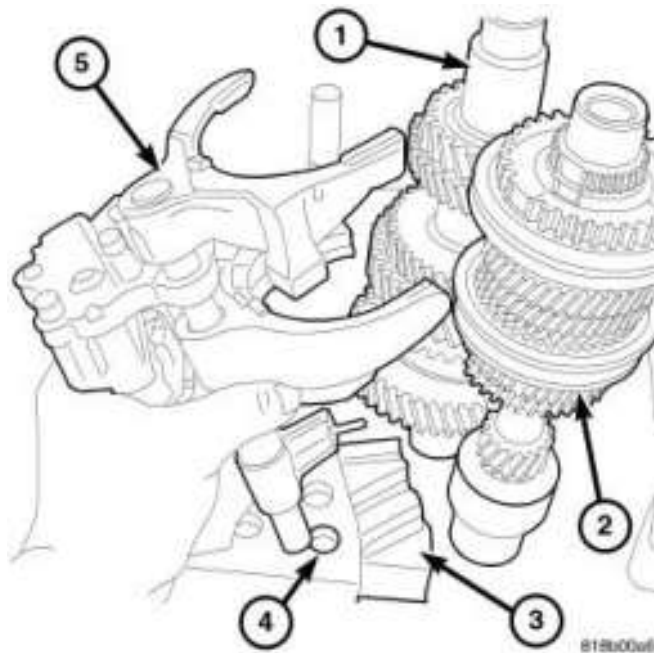
1 - OIL FEED TROUGH

26. Be sure the oil-feed trough (1) to the end bearings is not damaged.



**Fig. 39: Shift Shaft Assy**  
 Courtesy of CHRYSLER LLC

27. Remove the reverse brake friction cone (1) from the input shaft assembly.
28. Remove the blocking ring (2) from the input shaft assembly.



**Fig. 40: Shift Rail Assy**  
 Courtesy of CHRYSLER LLC

29. Remove the shift blocker assembly, the reverse shift fork (5) and the detent assembly from the bench fixture (4).
30. Remove input (2) and output shaft (1) assemblies from Bench Fixture (special tool #6785, Assembly, Pallet).

**CAUTION:** The output shaft assembly is serviced as an assembly. Do not try to repair any component on the output shaft. If the 1-2 synchronizer or gear fails, it is necessary to replace the complete output shaft assembly.