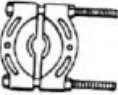


Transmission

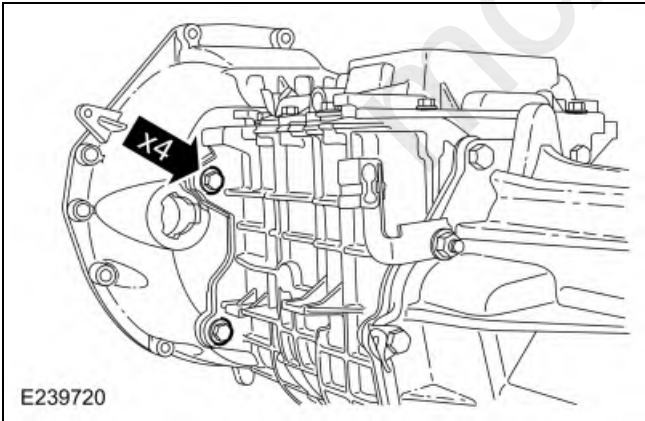
Special Tool(s) / General Equipment

 E232132	205-126 (T78P-4851-A) Holding Fixture, Drive Pinion Flange
	205-D064 (D84L-1123-A) Puller, Bearing
 307-003	307-003 (T57L-500-B) Holding Fixture, Transmission
Three Leg Puller	
Hydraulic Press	

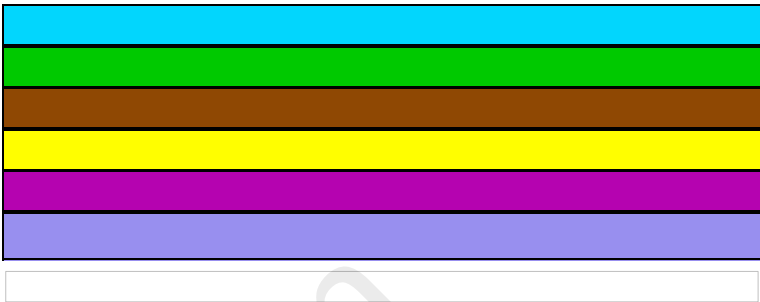
1. **WARNING:** Do not breathe dust or use compressed air to blow dust from storage containers or friction components. Remove dust using government-approved techniques. Friction component dust may be a cancer and lung disease hazard. Exposure to potentially hazardous components may occur if dusts are created during repair of friction components, such as brake pads and clutch discs. Exposure may also cause irritation to skin, eyes and respiratory tract, and may cause allergic reactions and/or may lead to other chronic health effects. If irritation persists, seek medical attention or advice. Failure to follow these instructions may result in serious personal injury.

Clean the transmission exterior with solvent and dry with compressed air. During disassembly, clean all components with solvent and dry with compressed air.

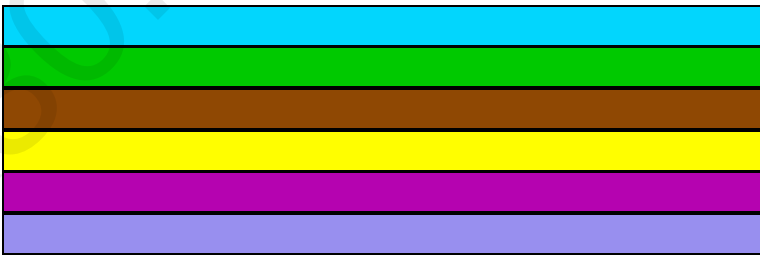
2. Remove the clutch housing rear bolts.



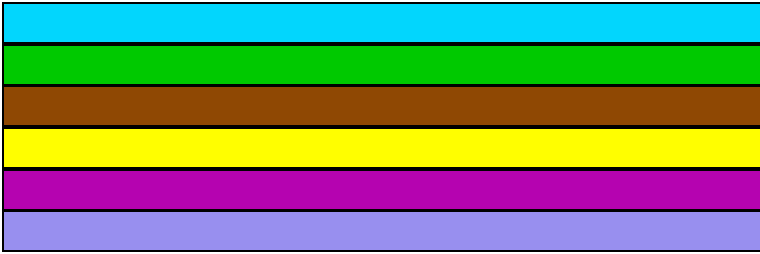
3. Remove the clutch housing front nuts and the clutch housing.



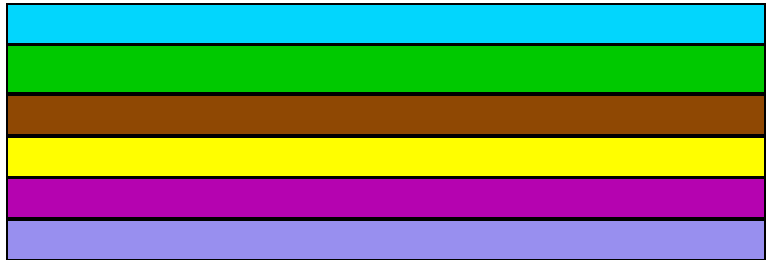
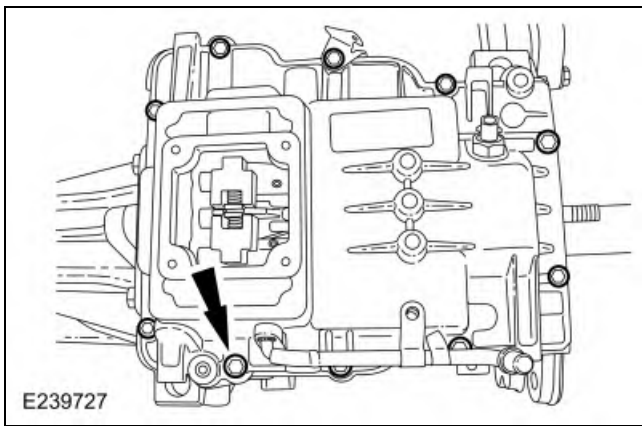
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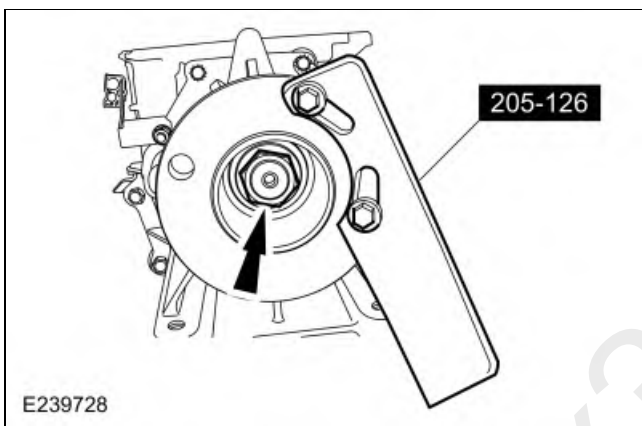
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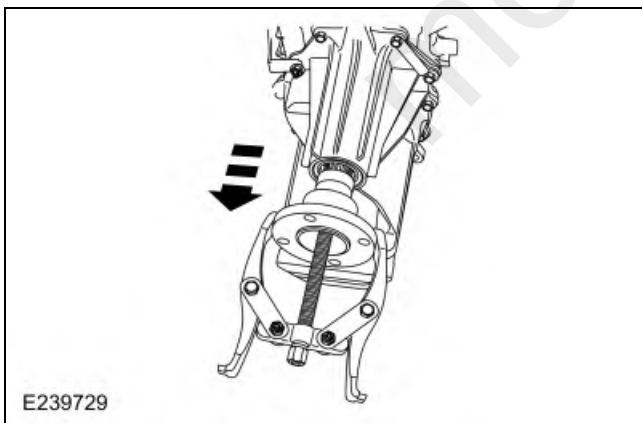
6. Remove the shift control housing bolts and the housing.



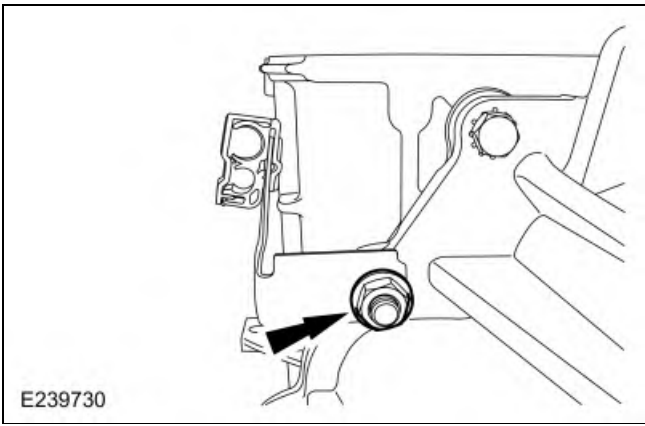
7. Using the special tool, hold the output shaft flange and remove the nut and washer.
Use Special Service Tool: 205-126 (T78P-4851-A) Holding Fixture, Drive Pinion Flange.



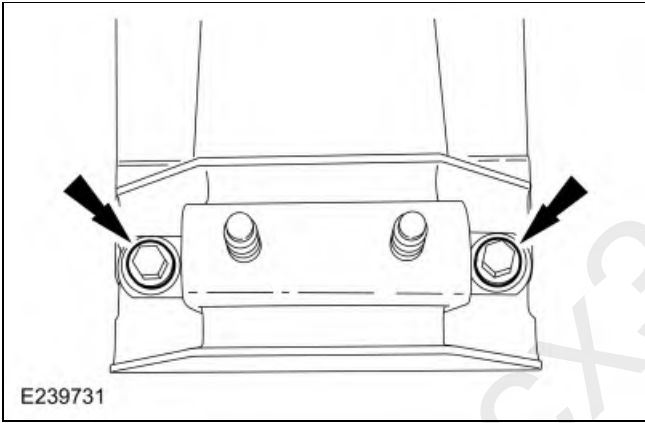
8. Using the three leg puller, remove the output shaft flange.
Use the General Equipment: Three Leg Puller



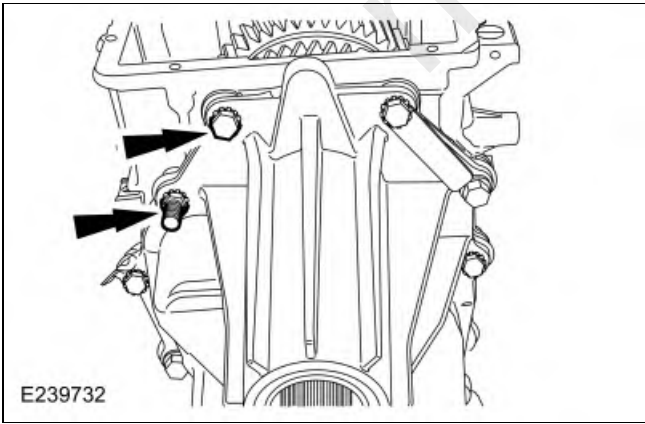
9. Remove the fuel tube support bracket nut and the bracket.



10. Remove and discard the transmission mount bolts and remove the mount.

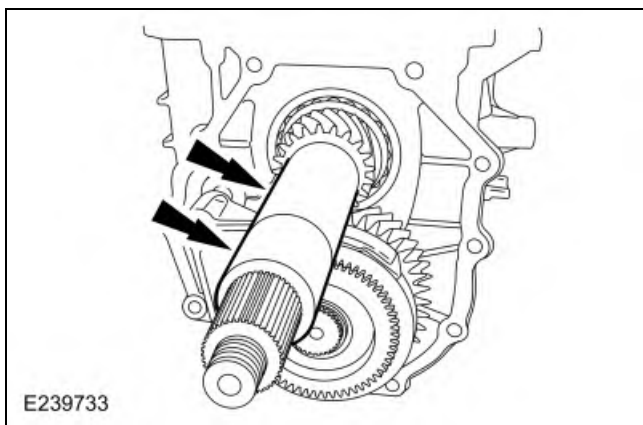


11. Remove the extension housing-to-transmission main case bolts, stud and extension housing.

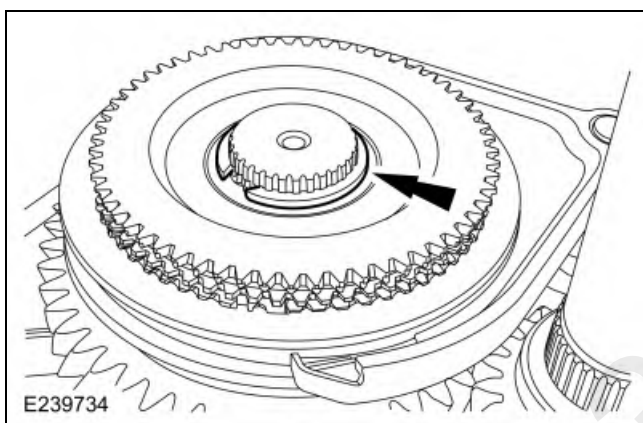


12. **NOTE:** A ball bearing is located between both spacers.

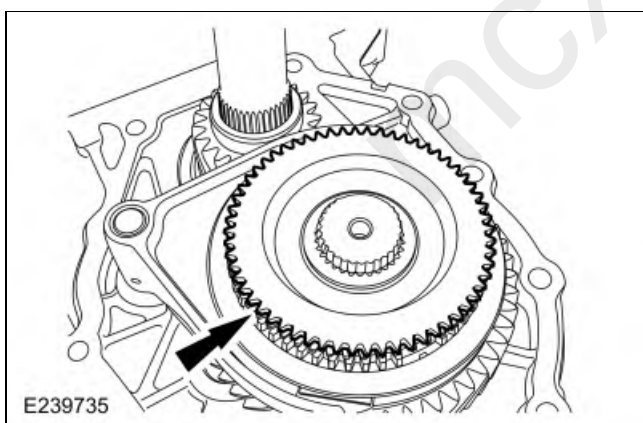
Remove the front and rear yoke spacers and the ball bearing.



13. Remove and discard the snap ring from the 5th gear clutch cone.

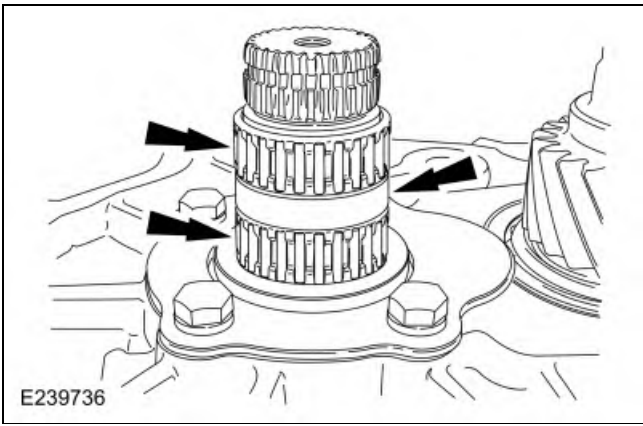


14. Remove the 5th gear synchronizer assembly.

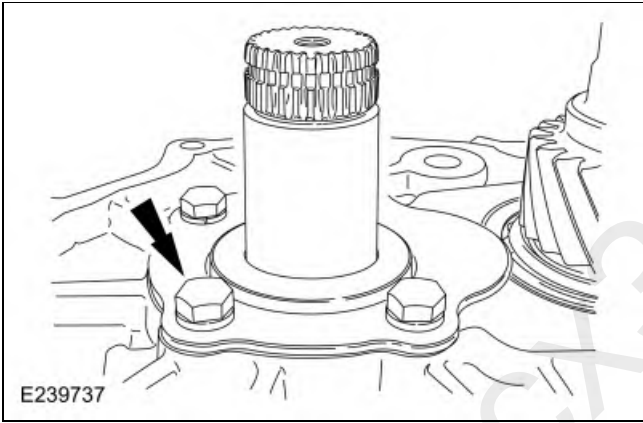


15. **NOTE:** A ball bearing is located behind the last roller bearing.

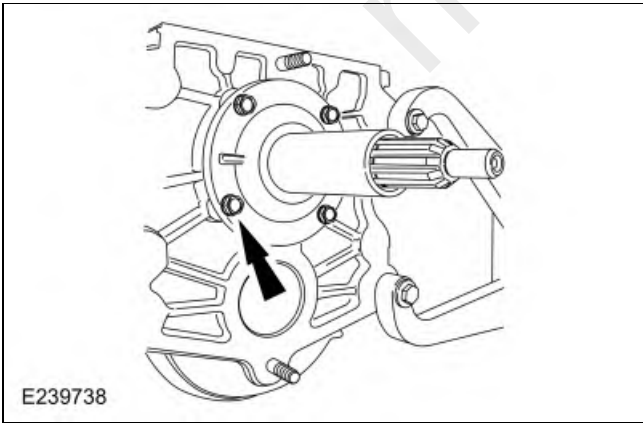
Remove the roller bearings, spacer and ball bearing from the countershaft.



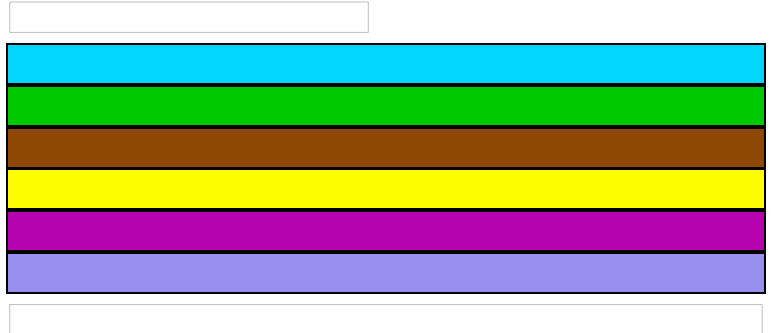
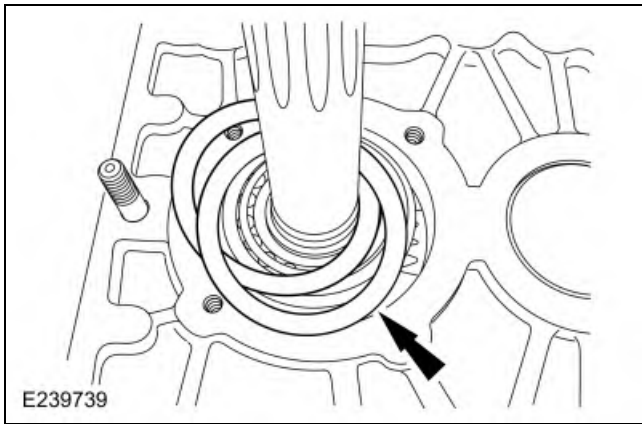
16. Remove the rear bearing retainer bolts, retainer and bearing cup.



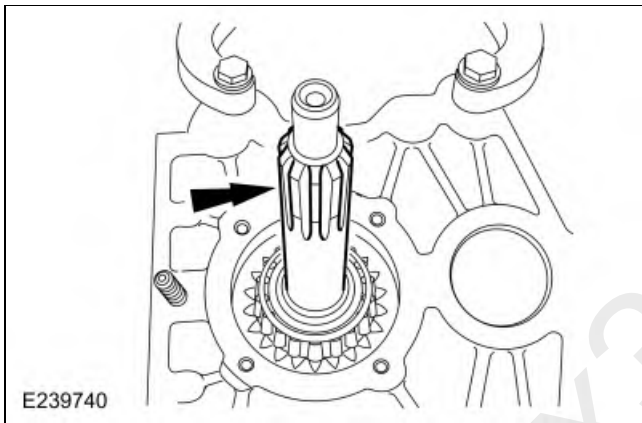
17. Remove the front bearing retainer bolts and the retainer.



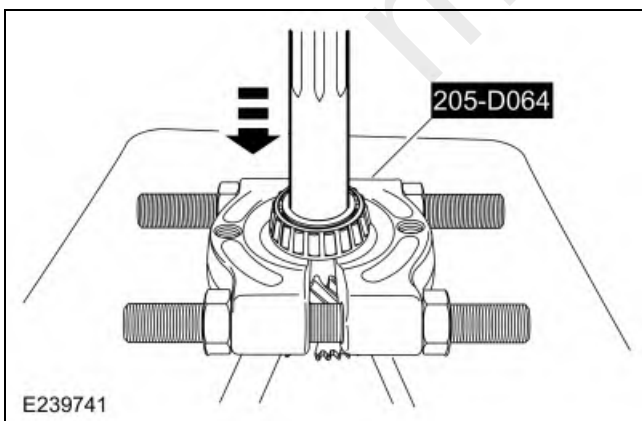
18. Remove the shim(s) and bearing cup from the input shaft.



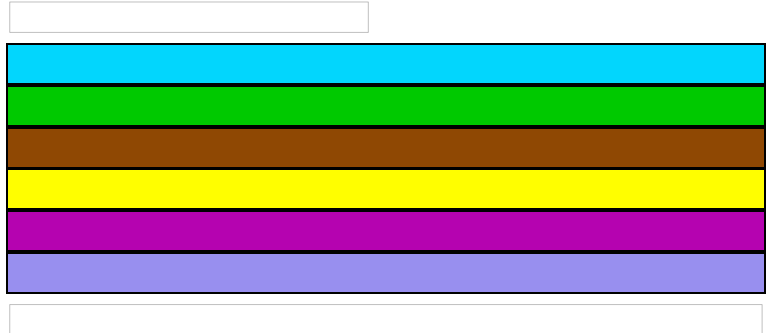
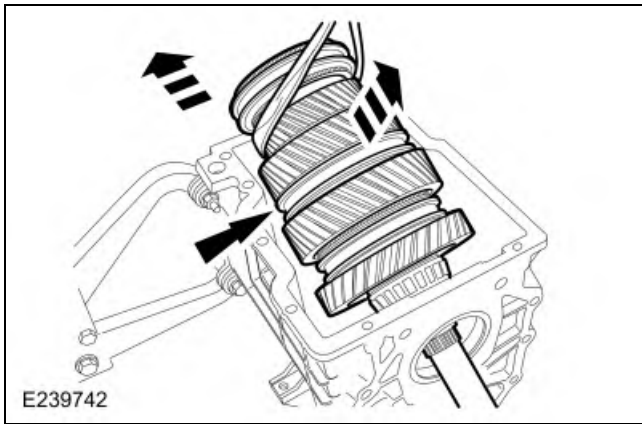
19. Remove the input shaft.



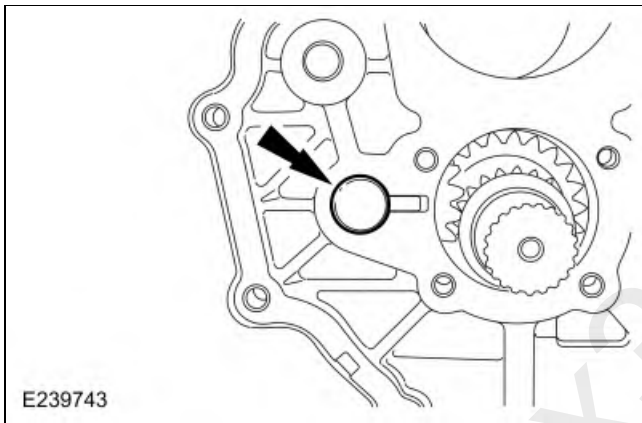
20. Using the special tool and a hydraulic press, press the input shaft bearing off the input shaft. Discard the bearing.
 Use Special Service Tool: 205-D064 (D84L-1123-A) Puller, Bearing.
 Use the General Equipment: Hydraulic Press



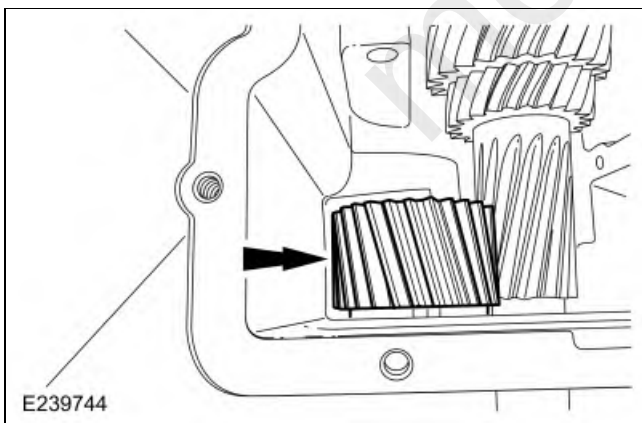
21. Using a rope wrapped around the front of the mainshaft, lift the front of the mainshaft up and remove it from the transmission case.



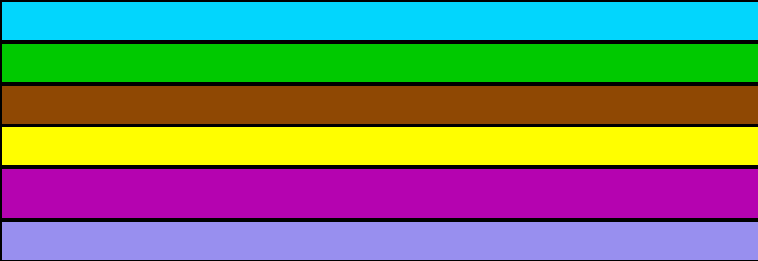
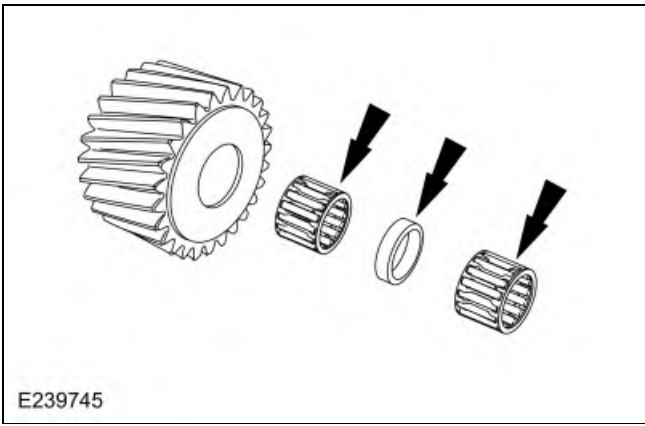
22. Remove the reverse idler shaft.



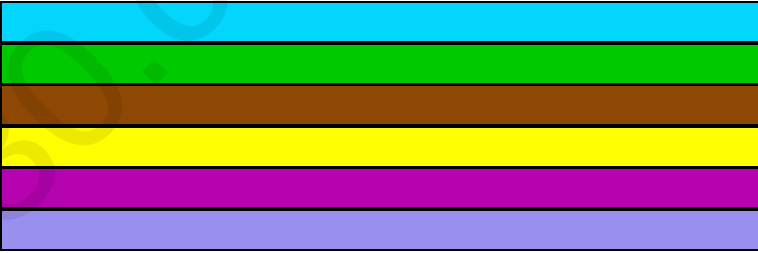
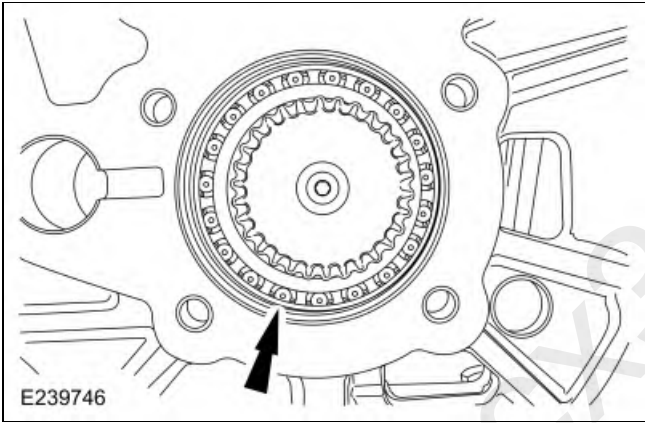
23. Remove the reverse idler gear.



24. Remove the reverse idler bearings and the spacer from the reverse idler gear.



25. Remove the countershaft rear bearing and cup.



26. Remove the countershaft assembly from the transmission main case.