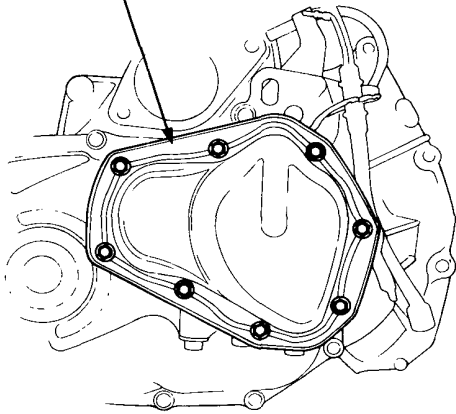


Transmission Housing

Disassembly

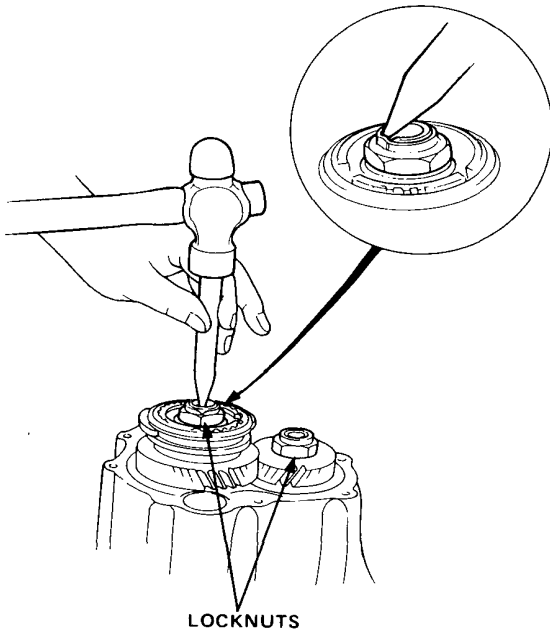
1. Remove transmission end cover.

END COVER
(8 bolts, 6 x 1.0 mm)

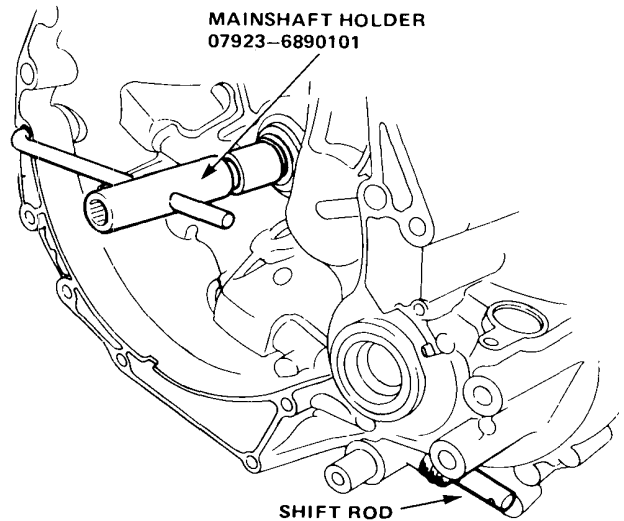


NOTE: Before removing mainshaft/countershaft locknuts, measure clearance between spacer collar and shoulder on fifth gear.

2. Bend locking tab on locknuts out of slots in mainshaft and countershaft.

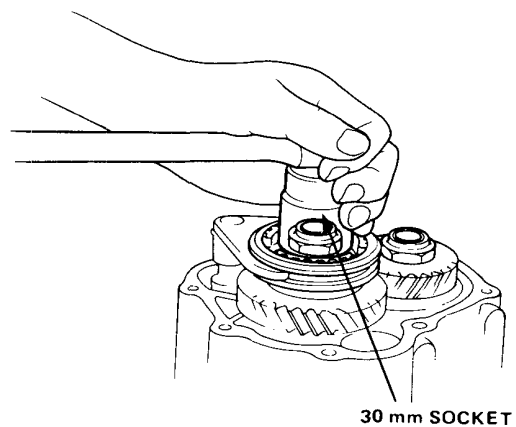


3. Install mainshaft holder.



4. Shift transmission into reverse gear.
5. Remove locknuts.

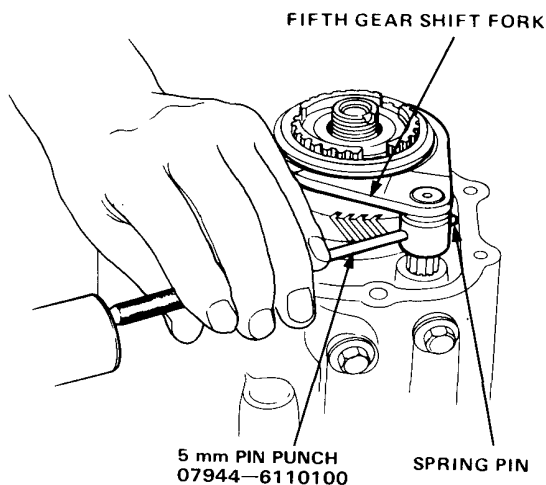
CAUTION: The mainshaft locknut has left-hand threads.



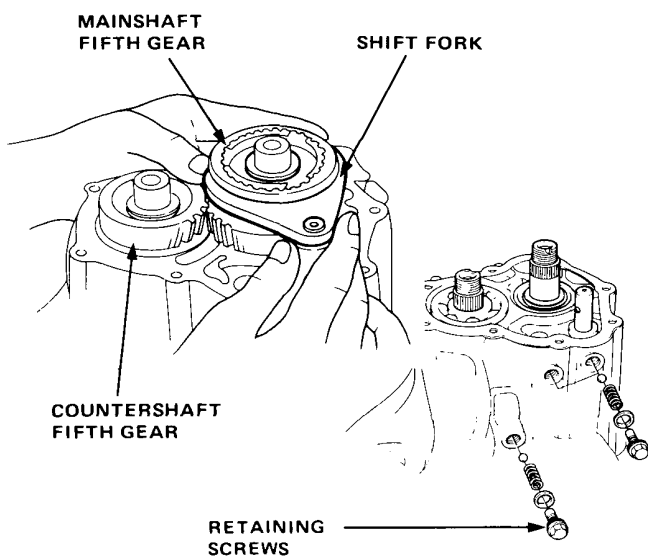
6. Remove mainshaft holder.



7. Drive out spring pin securing fifth gear shift fork to shaft.

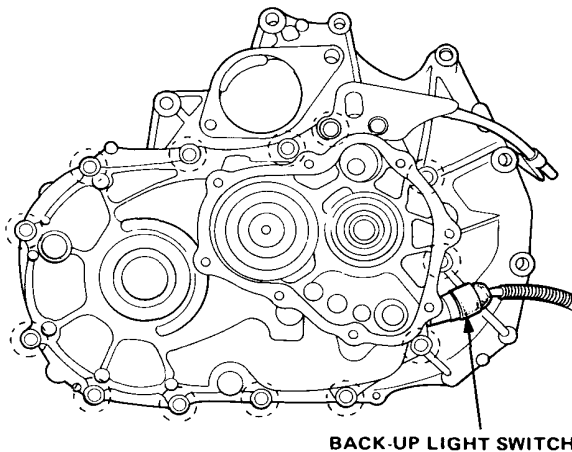


8. Remove mainshaft fifth gear, shift fork, synchronizer sleeve, hub, ring and spring as a unit.
9. Remove countershaft fifth gear.
10. Remove three retaining screws and detent balls.



11. Remove back-up light switch.

12. Remove thirteen housing bolts.



13. Install transmission housing puller with four bolts and tighten securely. Screw the puller bolt against end of countershaft until transmission housing breaks loose.

