

R. Side Cover

Removal

NOTE:

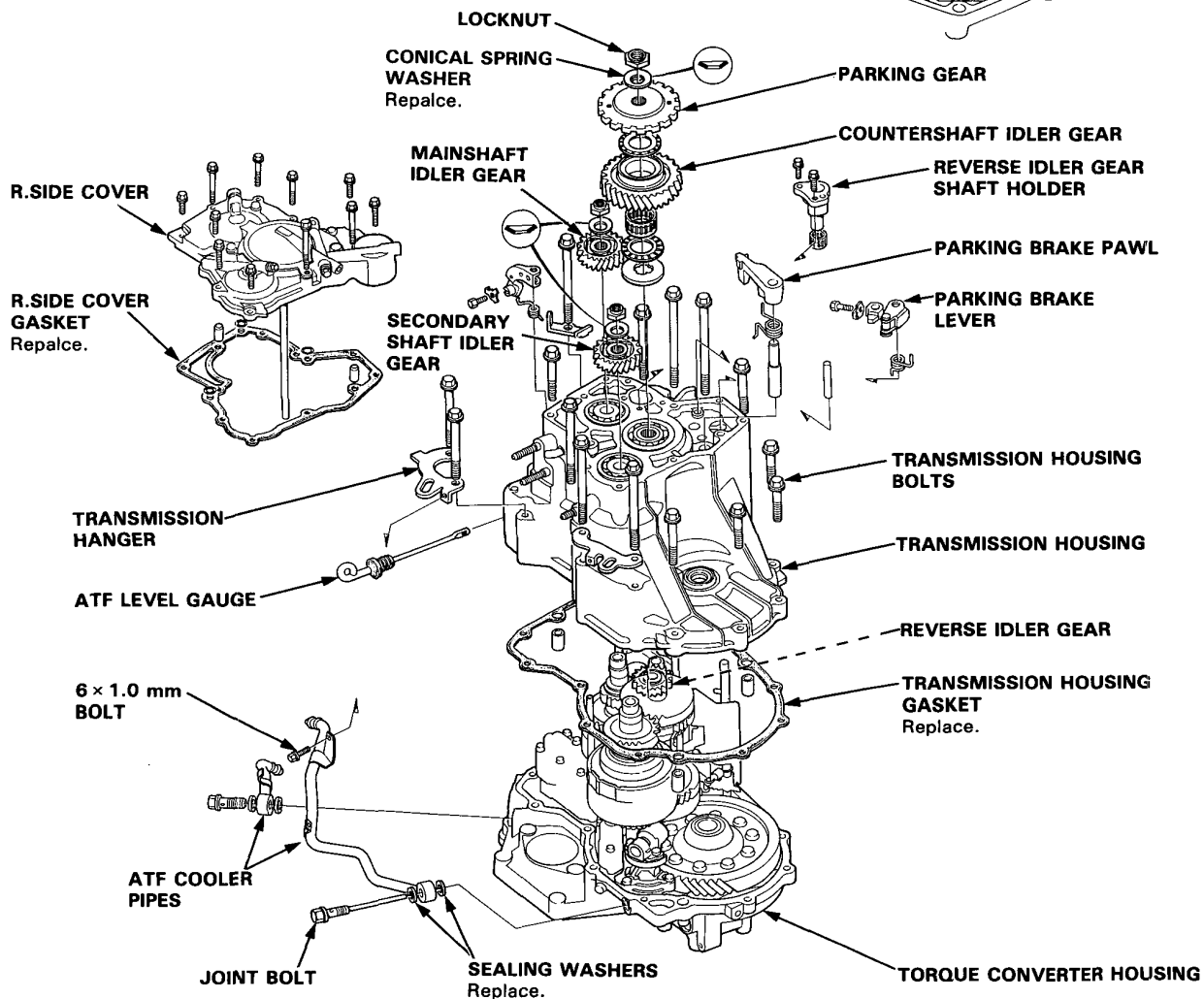
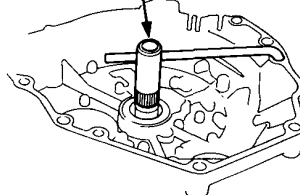
- Clean all parts thoroughly in solvent or carburetor cleaner and dry with compressed air.
- Blow out all passages.
- When removing the transmission R. side cover, replace the following:
 - R. side cover gasket
 - Lock washers
 - Transmission housing gasket
 - O-rings
 - Each shaft locknut and conical spring washer
 - Sealing washers

1. Remove the 11 bolts securing the R. side cover, then remove the cover.

NOTE: It is not necessary to remove the R. side cover protector.

2. Slip the special tool onto the mainshaft.

MAINSHAFT HOLDER
07GAB-PF50101 or
07GAB-PF50100



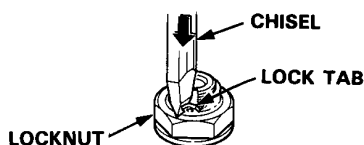


3. Engage the parking brake pawl with the parking gear.
4. Cut the lock tabs of each shaft locknut using a chisel as shown. Then remove the locknuts and conical spring washers from each shaft.

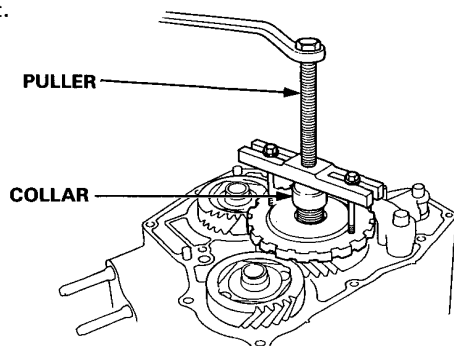
NOTE:

- Mainshaft locknut has left-hand threads.
- Clean the old locknuts, they are used when installing to press the idler gears on the mainshaft and secondary shaft and the parking gear on the countershaft.

CAUTION: Keep all of the chiseled particles out of the transmission.



5. Remove the special tool from the mainshaft after removing the locknuts.
6. Remove the parking gear using a puller from the countershaft as shown. Then remove the idler gears using a puller from the mainshaft and secondary shaft.



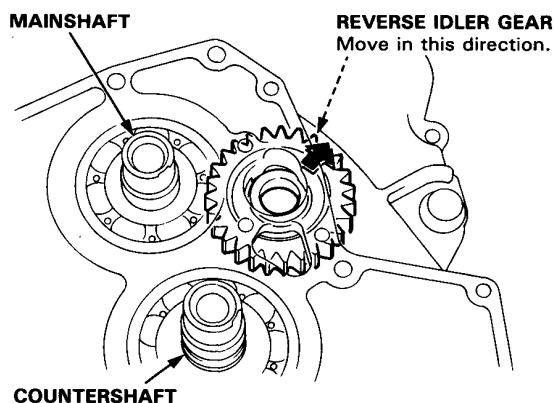
7. Remove the countershaft idler gear, needle bearing, thrust needle bearing, and thrust washer from the countershaft.
8. Remove the parking brake pawl, spring, shaft, and stopper from the housing.
9. Remove the throttle control lever and spring from the throttle control shaft.
10. Remove the ATF cooler pipe mounting bolt from the transmission hanger.
11. Remove the transmission housing mounting bolts.

12. Remove the reverse idler gear shaft assembly.

NOTE: The steel ball will not pop out because it is staked in the shaft.

13. Move the reverse idler gear to disengage it from the countershaft reverse gear as shown.

NOTE: The transmission housing will not separate from the torque converter housing if the reverse idler gear is not removed.



14. Align the spring pin with the transmission housing groove by turning the control shaft.
15. Install the special tool on the transmission housing, then remove the housing as shown.

