

Transmission



Removal

▲ WARNING

- Make sure jacks and safety stands are placed properly, and hoist brackets are attached to correct positions on the engine.
- Apply parking brake and block rear wheels, so car will not roll off stands and fall on you while working under it.

CAUTION: Use fender covers to avoid damaging painted surfaces.

1. Disconnect the battery negative (-) and positive (+) cable from the battery, and remove the battery.
2. Remove the air intake hose, air cleaner case and battery base (See section 5).
3. Disconnect the throttle cable from the throttle control lever.
4. Disconnect the transmission ground cable.
5. Disconnect the speed pulser connectors.
6. Disconnect the starter motor cables, remove the starter mounting bolts, then remove the starter motor.

7. Remove the rear mount bracket stay nut first. Remove the bolt, then remove the rear mount bracket stay.
8. Remove the speed sensor, but leave its hoses connected.
9. Disconnect the lock-up control solenoid valve and shift control solenoid valve wire connectors.
10. Drain transmission fluid. Use a socket wrench to remove the drain plug. Remove the oil filter plug to speed draining. Reinstall the drain plug with a new washer.
11. Disconnect the cooler hoses at joint pipes. Turn the ends up to prevent ATF from flowing out.

NOTE: Check for any signs of leakage at the hose joints.

REAR MOUNT BRACKET

SPEED SENSOR

O-RING
Replace.

NUT
Remove first.

REAR MOUNT
BRACKET STAY

BOLT

STARTER MOTOR

MOTOR
CABLES

SPEED PULSER CONNECTORS

THROTTLE CONTROL
CABLE

OIL COOLER
JOINT PIPES

SOLENOID VALVE
CONNECTORS

COOLER
HOSES

THROTTLE CONTROL
LEVER

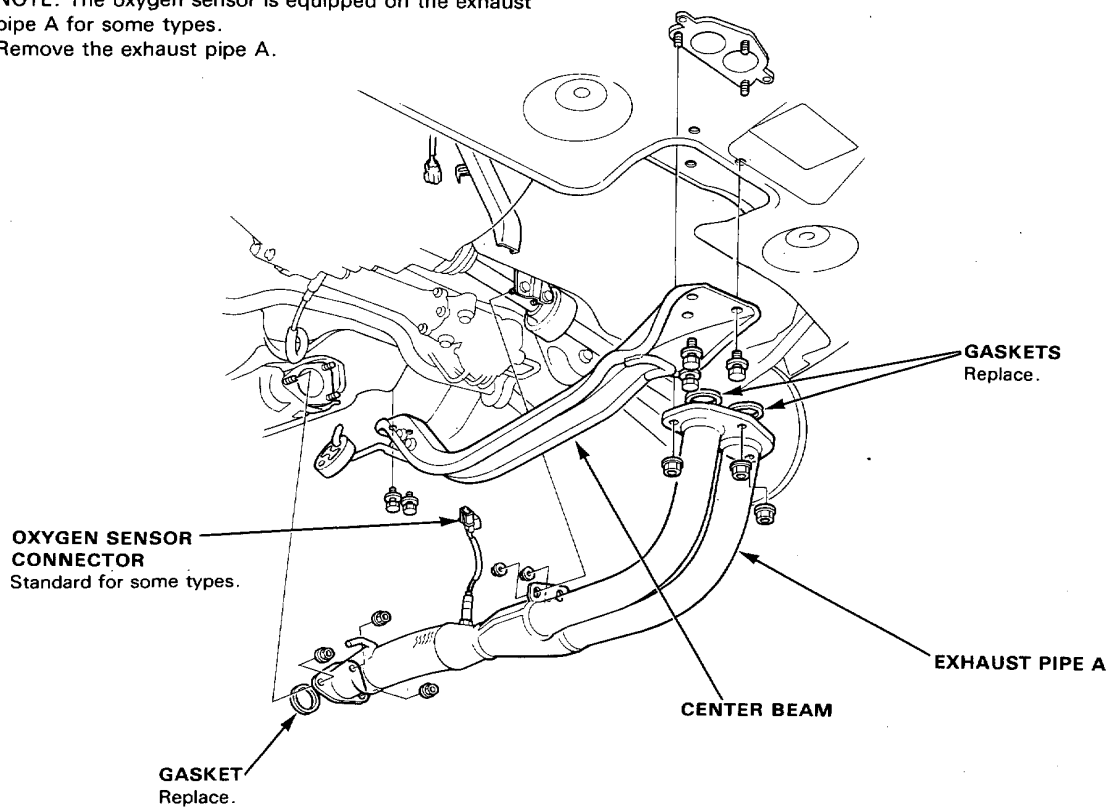
TRANSMISSION GROUND
CABLE

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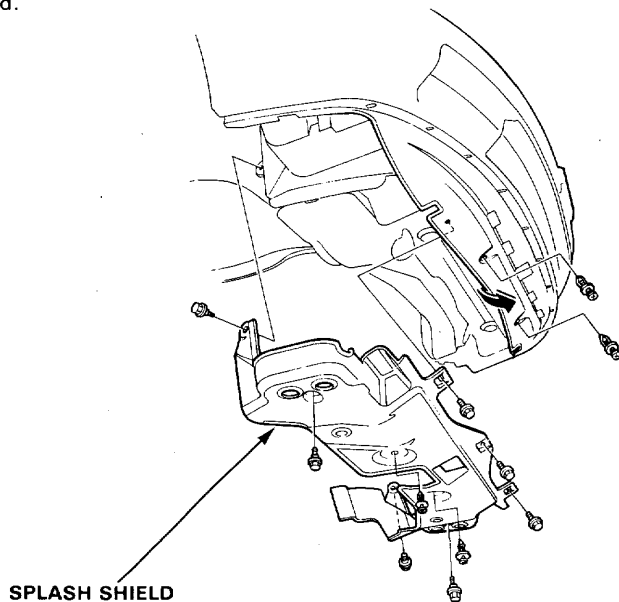
Transmission

Removal (cont'd)

12. Remove the center beam.
13. Remove the oxygen sensor connector.
NOTE: The oxygen sensor is equipped on the exhaust pipe A for some types.
14. Remove the exhaust pipe A.

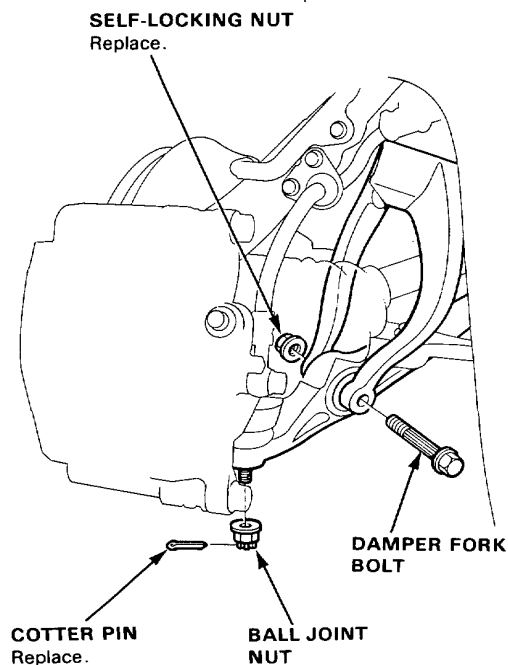


15. Remove the splash shield.

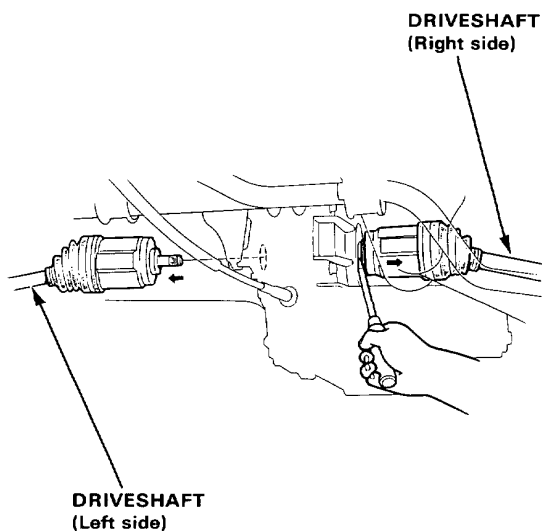




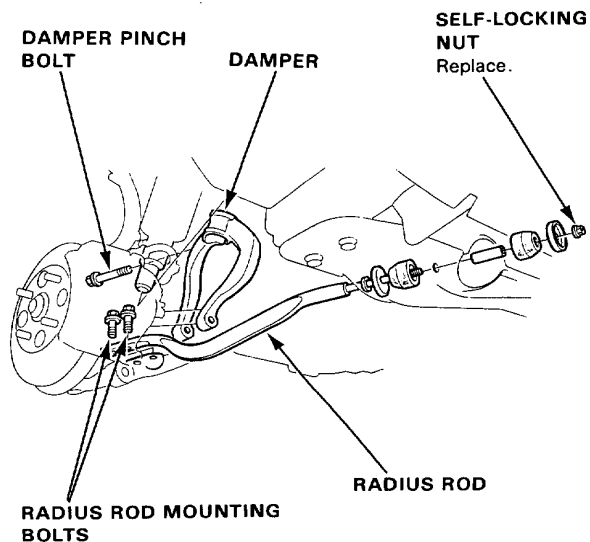
16. Remove the cotter pins and lower arm ball joint nuts, then separate the ball joints and lower arms (See section 12).



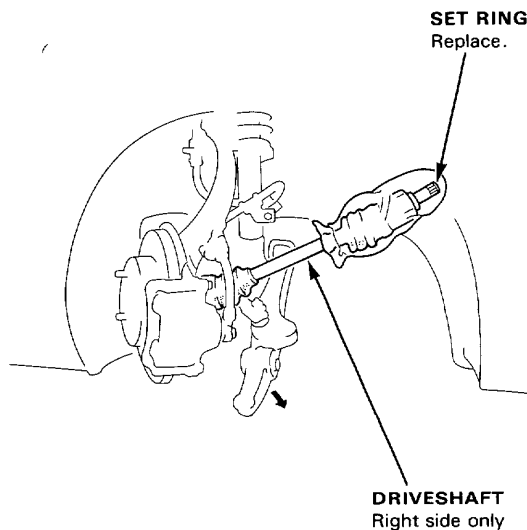
17. Pry the right and left driveshafts out of the differential.
18. Pull on the inboard joint and remove the right and left driveshafts (See section 10).



19. Remove the right damper pinch bolt, then separate the damper fork and damper.
20. Remove the bolts and nut, then remove the right radius rod.



22. Tie plastic bags over the driveshaft ends.
NOTE: Coat all precision finished surfaces with clean engine oil or grease.



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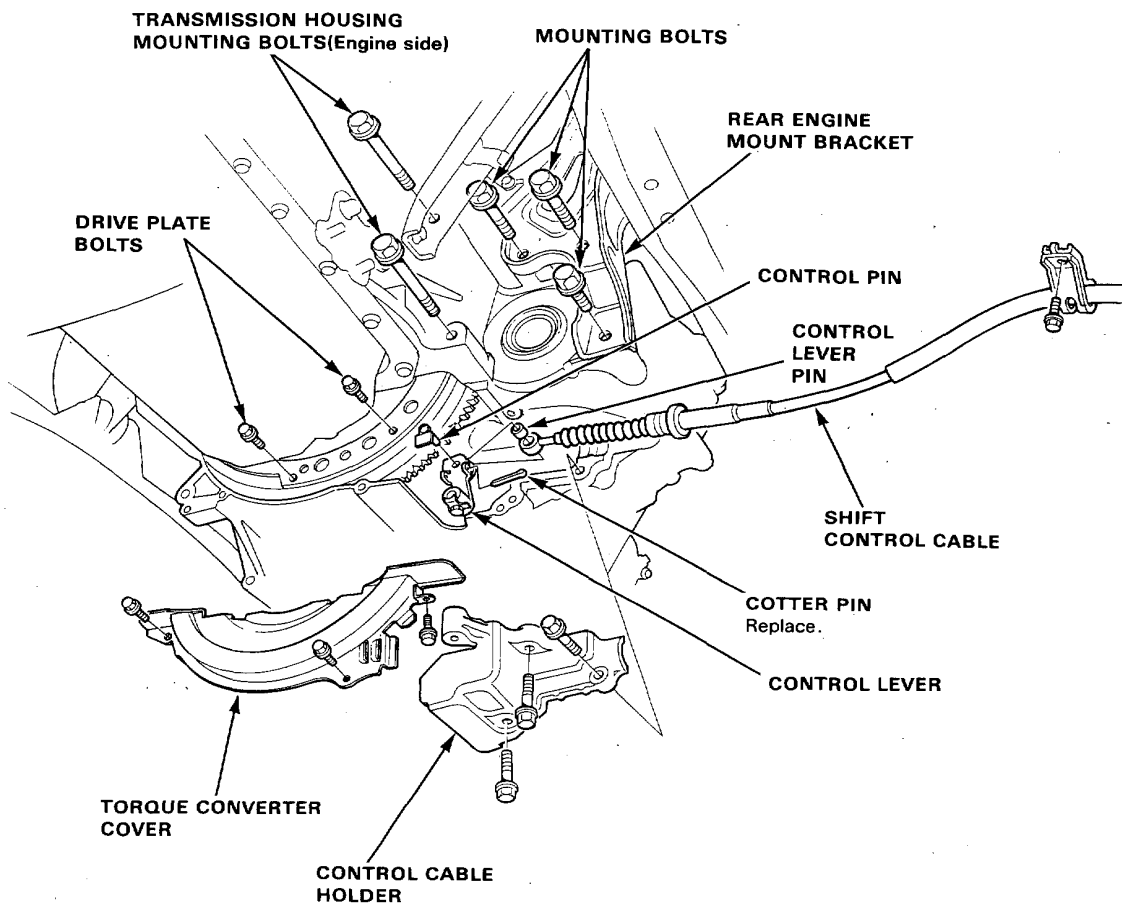
Transmission

Removal (cont'd)

23. Remove the torque converter cover and control cable holder.
24. Remove the shift control cable by removing the cotter pin, control pin and control lever roller from the control lever.

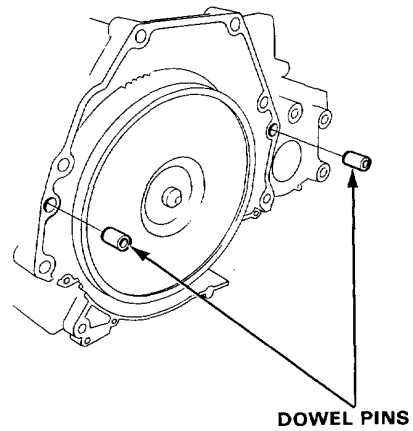
CAUTION: Take care not to bend the control cable.

25. Remove the plug, then remove the drive plate bolts one at a time while rotating the crankshaft pulley.
26. Remove the rear transmission housing mounting bolts (Engine side).
27. Remove the mounting bolts from the rear engine mount bracket.





28. Attach a chain hoist to the transmission housing hoisting brackets, then lift the engine slightly.
29. Place a jack under the transmission and raise transmission just enough to take weight off mounts.
30. Remove the 4 transmission housing mounting bolts and 3 mount bracket nuts.
31. Pull the transmission away from the engine until it clears the 14 mm dowel pins, then lower it on the transmission jack.



TRANSMISSION HOUSING
MOUNTING BOLTS

TRANSMISSION
MOUNT BRACKET

