

Driveshafts



Inspection

Driveshaft Boot

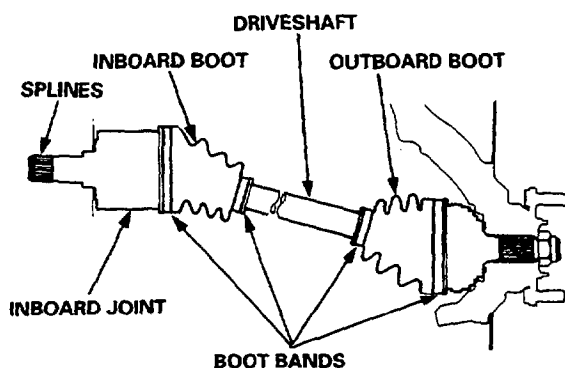
Check the boots on the driveshaft for cracks, damage, leaking grease or loose boot bands. If any damage is found, replace the boot and boot bands.

Loose Splines

Turn the driveshaft by hand and make sure the splines and joint are not excessively loose. If damage is found, replace the inboard joint.

Twisted or Cracked

Make sure the driveshaft is not twisted or cracked. Replace it if necessary.

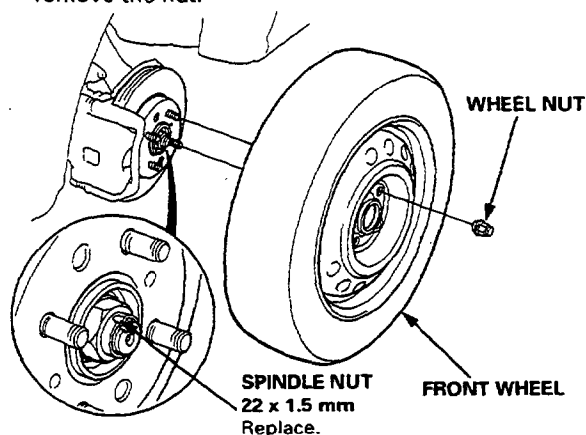


Removal

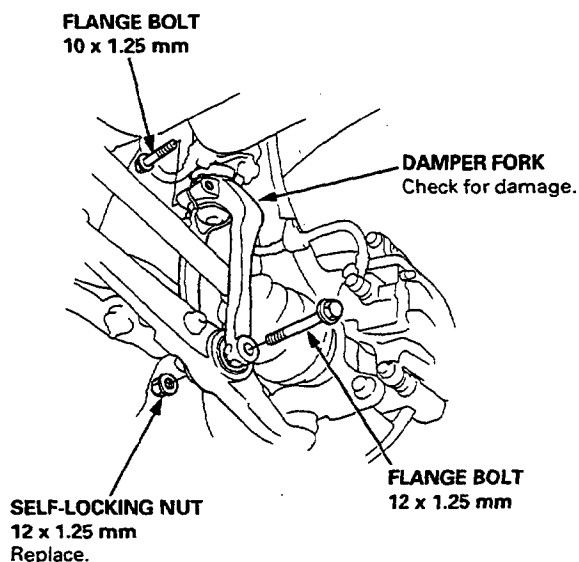
1. Loosen the wheel nuts slightly.
2. Raise the front of car, and support it with safety stands in the proper locations (see section 1).
3. Remove the wheel nuts and front wheels.
4. Drain the transmission oil or fluid (see section 13 or 14).

NOTE: It is not necessary to drain the differential oil when the left driveshaft is removed.

5. Raise the locking tab on the spindle nut, then remove the nut.



6. Remove the self-locking nut and flange bolts.
7. Remove the damper fork.



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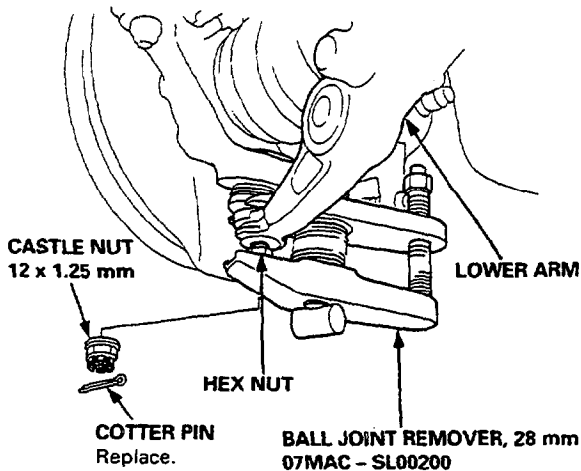
Driveshafts

Removal (cont'd)

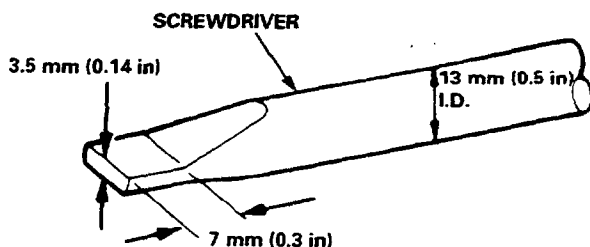
8. Remove the cotter pin from the lower arm ball joint castle nut, and remove the nut.
9. Install a 12 mm hex nut on the ball joint. Be sure that the hex nut is flush with the ball joint pin end, or the threaded section of the ball joint pin might be damaged by the ball joint remover.
10. Use the ball joint remover, 28 mm, as shown on page 18-12, to separate the ball joint and lower arm.

CAUTION: Be careful not to damage the ball joint boot.

NOTE: If necessary, apply penetrating type lubricant to loosen the ball joint.



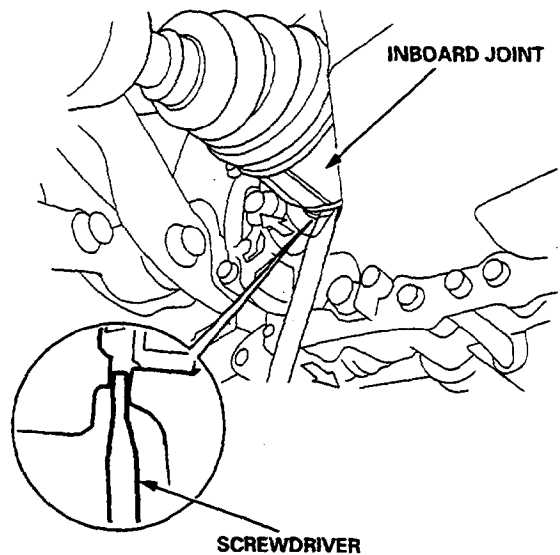
11. Pry the driveshaft assembly with a screwdriver, as shown, to force the set ring at the driveshaft end past the groove.

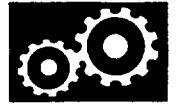


12. Pull the inboard joint, and remove the driveshaft from the differential case as an assembly.

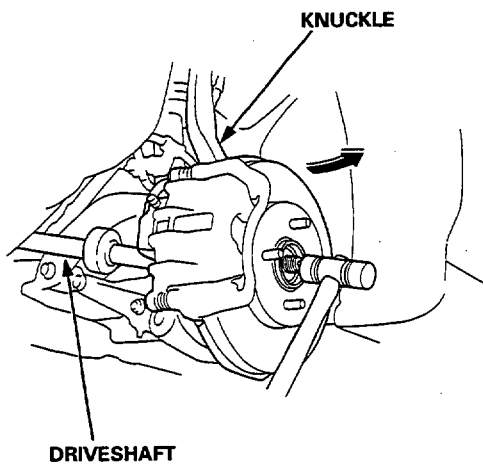
CAUTION:

- Do not pull on the driveshaft, as the inboard joint may come apart.
- Use care when prying out the assembly, and pull it straight to avoid damaging the differential oil seal or the intermediate shaft outer seal.





13. Pull the knuckle outward, and remove the driveshaft outboard joint from the front wheel hub using a plastic hammer.

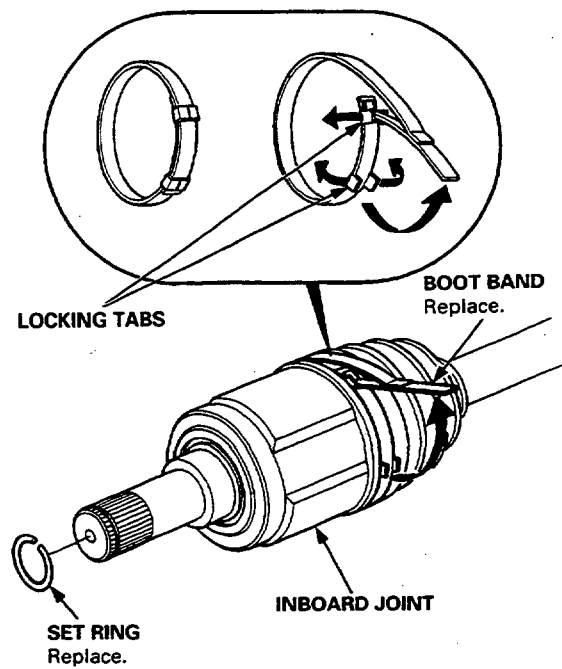


Disassembly

1. Remove the set ring from the inboard joint.
2. To remove the boot band, pry up the locking tabs with a screwdriver and raise the end of the band.

CAUTION: Take care not to damage the boot.

NOTE: Carefully clamp the driveshaft in a vise with soft jaws.



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