

Driveshafts

Reassembly

Note these items during reassembly:

- Clean the disassembled parts with solvent, and dry them thoroughly with compressed air. Do not wash the rubber parts with solvent.
- The '98 Canada model and all '99 - 01 models use a TPE (Thermoplastic Polyester Elastomer) outboard joint boot. Use the ear clamp type boot band in the outboard joint boot set.
-  : Thoroughly pack the inboard and outboard joints and both joint boots with the joint grease included in the new driveshaft set.

Grease quantity:

Inboard Joint

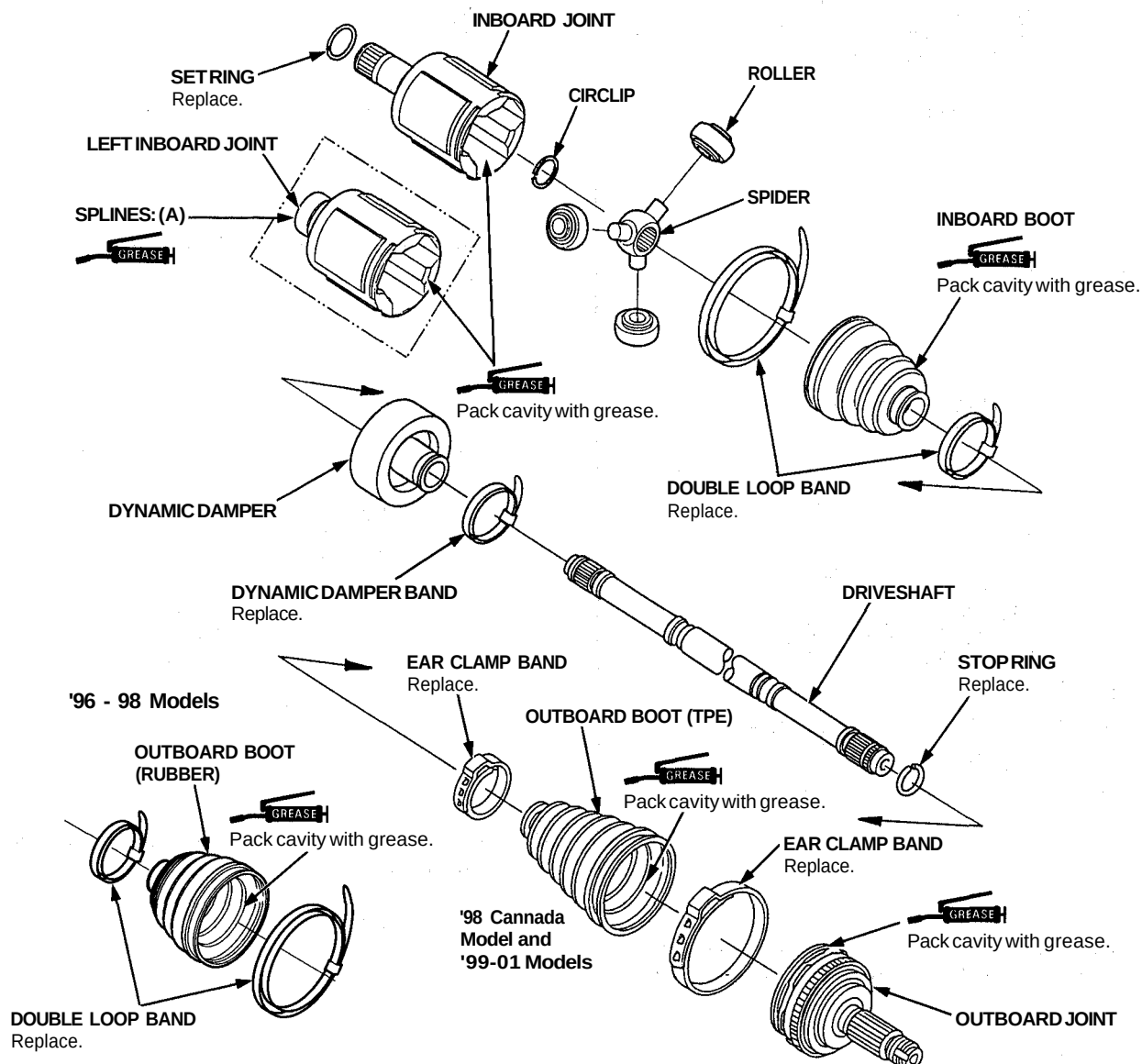
130 - 140 g (4.6 - 4.9 oz)

Left inboard joint splines (A): 0.5 - 1.0 g (0.018 - 0.035 oz)

Outboard Joint

RUBBER TYPE: 130 - 140 g (4.6 - 4.9 oz)

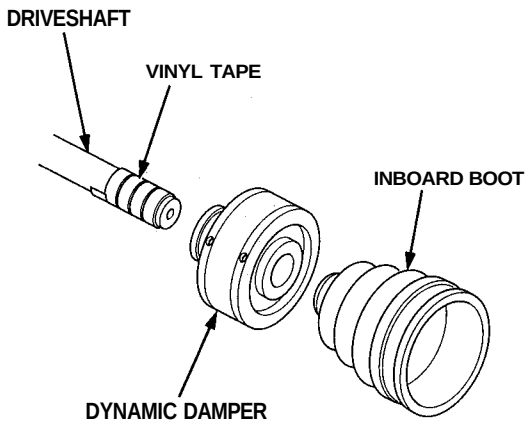
TPE TYPE: 140 - 150 g (4.9 - 5.3 oz)



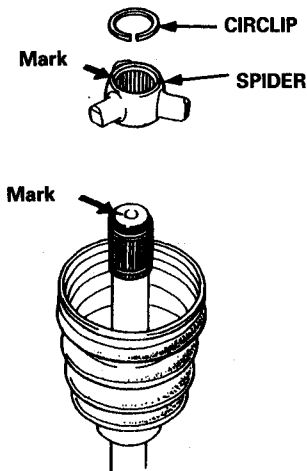


Inboard Joint Side:

1. Wrap the splines with vinyl tape to prevent damage to the inboard boot and dynamic damper.



2. Install the dynamic damper and inboard boot to the driveshaft, then remove the vinyl tape. Take care not to damage the inboard boot and dynamic damper.
3. Install the spider onto the driveshaft by aligning the mark on the spider and the end of the driveshaft.

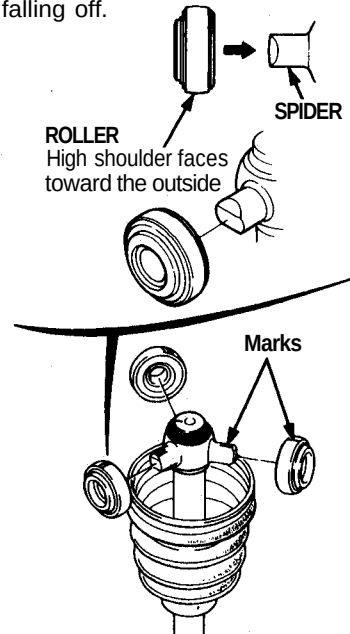


4. Fit the circlip into the driveshaft groove. Always rotate the circlip in its groove to be sure it is fully seated.

5. Fit the rollers onto the spider.

NOTE:

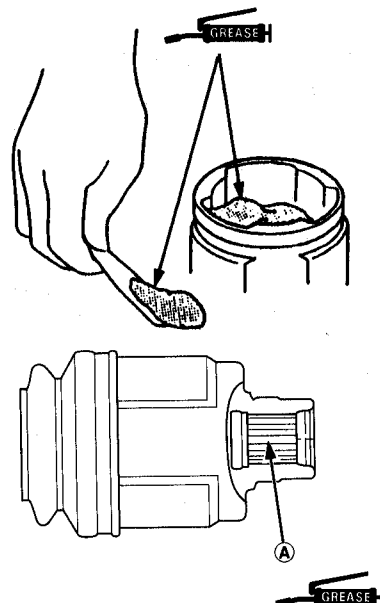
- Reinstall the rollers in their original positions on the spider by aligning the marks.
- Point the driveshaft upward to prevent the rollers from falling off.



6. Pack the inboard joint with the joint grease included in the new driveshaft set.

Grease quantity: 130 - 140 g (4.6 - 4.9 oz)

Left inboard joint splines (A): 0.5 - 1.0 g (0.018-0.035 oz)



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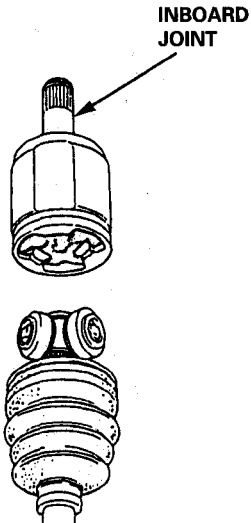
Driveshafts

Reassembly (cont'd)

7. Fit the inboard joint onto the driveshaft.

NOTE:

- Reinstall the inboard joint onto the driveshaft by aligning the marks on the inboard joint with the marks on the rollers.
- Hold the driveshaft with the inboard joint pointing upward to prevent it from falling off.

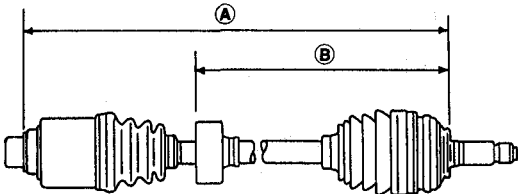


8. Adjust the length of the driveshafts to the specifications below, then adjust the boots to halfway between full compression and full extension. Make sure the ends of the boots seat in the groove of the driveshaft and joint.

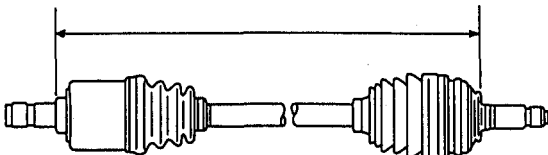
Left driveshaft:

(A): 580 - 585 mm (22.8 - 23.0 in)

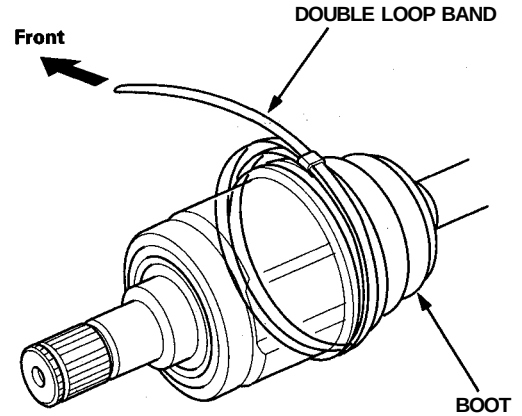
(B): 315.6 - 319.6 mm (12.4 - 12.6 in)



Right driveshaft: 512 - 517 mm (20.2 - 20.4 in)

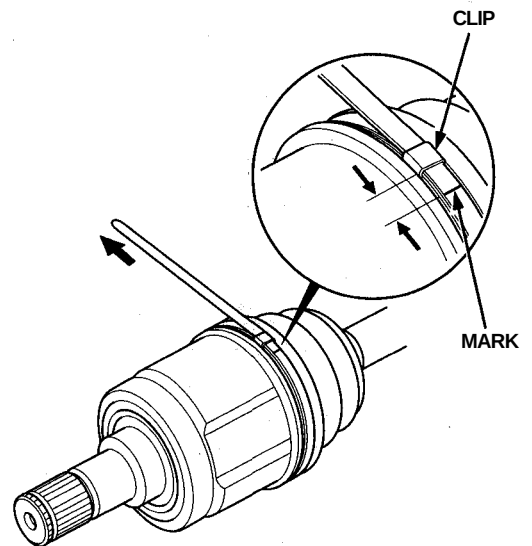


9. Set the double loop band onto the boot with the band end toward the front of the vehicle.



10. Pull up the slack in the band by hand.

11. Make a mark on the band 10 - 14 mm (0.4 - 0.6 in) from the clip.

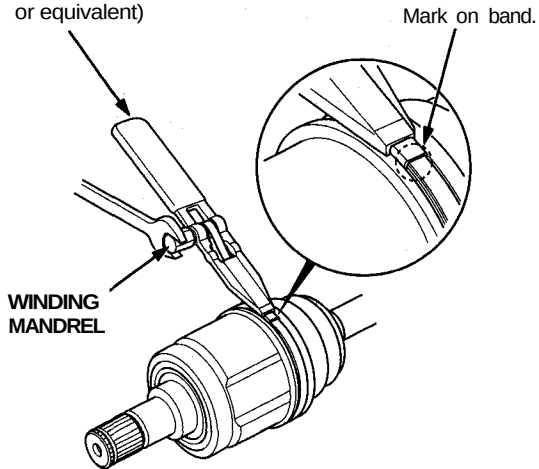




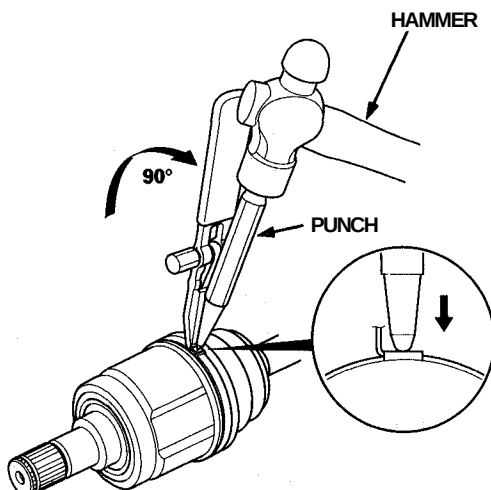
12. Thread the free end of the band through the nose section of the commercially available boot band tool KD-3191 or equivalent, and into the slot on the winding mandrel.

13. Place a wrench on the winding mandrel of the boot band tool, and tighten the band until the marked spot on the band meets the edge of the clip.

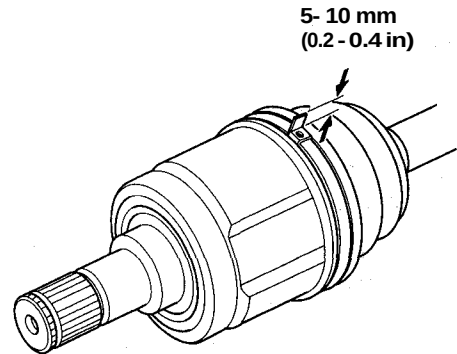
BOOT BAND TOOL
(KD-3191
or equivalent)



14. Lift up the boot band tool to bend the free end of the band 90 degrees to the clip. Center-punch the clip, then fold over the remaining tail onto the clip.



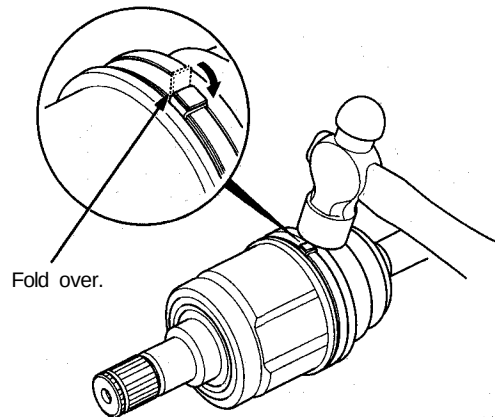
15. Unwind the boot band tool, and cut off the excess free end of the band to leave a 5 - 10 mm (0.2 - 0.4 in) tail protruding from the clip.



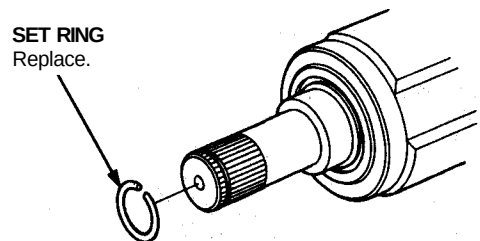
16. Bend the band end by tapping it down with a hammer.

NOTE:

- Make sure the band does not move.
- Remove any grease remaining on the surrounding surfaces.



17. Install the new set ring.



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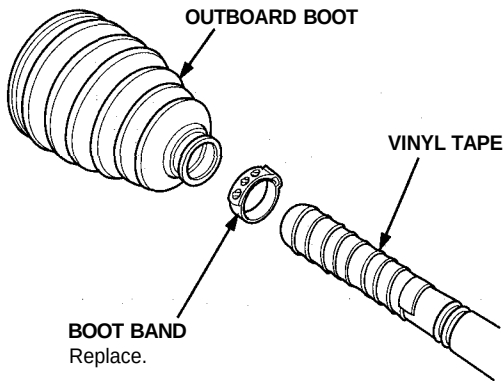
Driveshafts

Reassembly (cont'd)

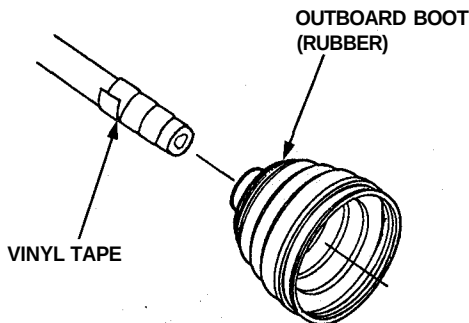
Outboard Joint Side:

1. Wrap the splines with vinyl tape to prevent damage to the boot.

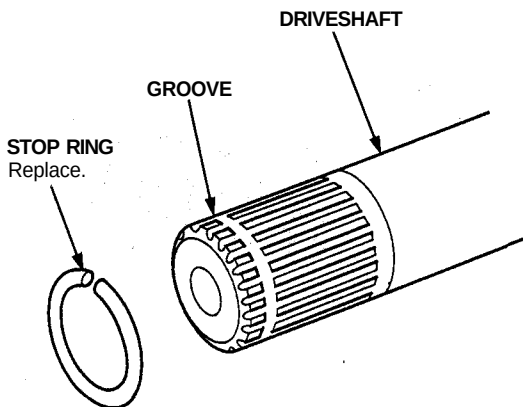
TPE TYPE:



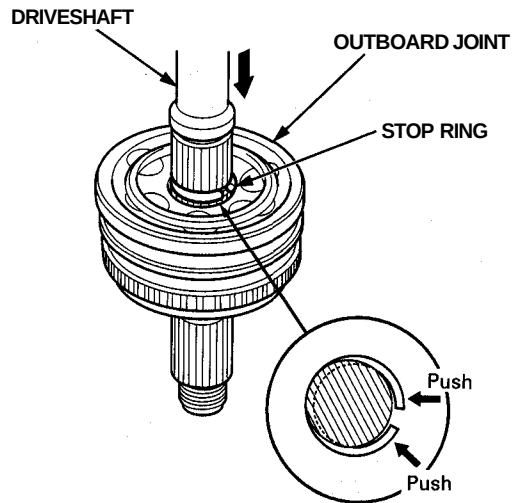
RUBBER TYPE:



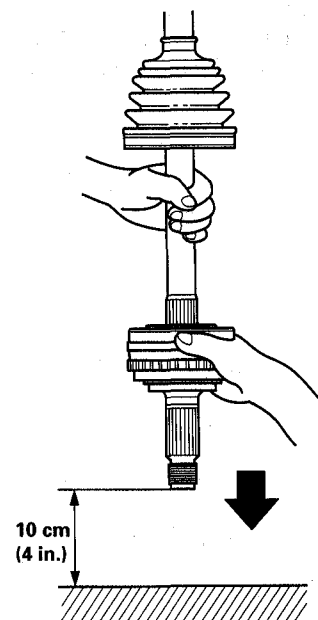
2. Install the boot band and outboard boot, then remove the vinyl tape. Take care not to damage the boot.
3. Install the stop ring into the driveshaft groove.



4. Insert the driveshaft into the outboard joint until the stop ring is close on the joint.

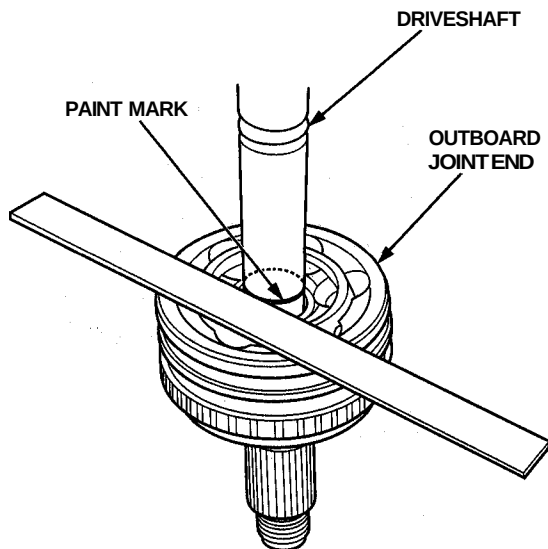


5. To completely seat the outboard joint, pick up the driveshaft and joint, and drop them from about 10 cm (4 in.) onto a hard surface. Do not use a hammer as excessive force may damage the driveshaft.





6. Check the alignment of the paint mark with the outboard joint end.



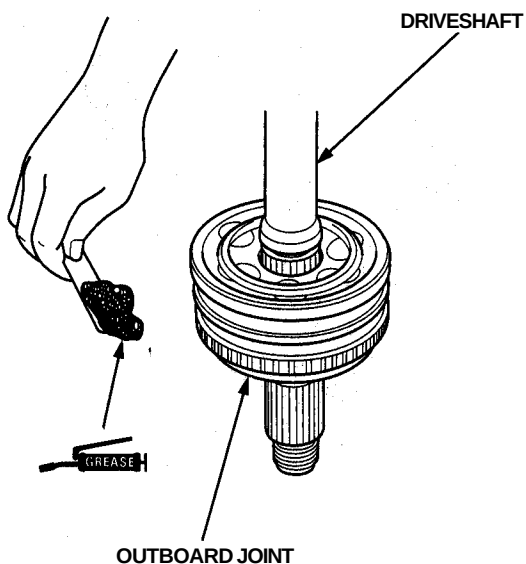
7. Pack the outboard joint with the joint grease included in the new joint boot set.

Grease quantity:

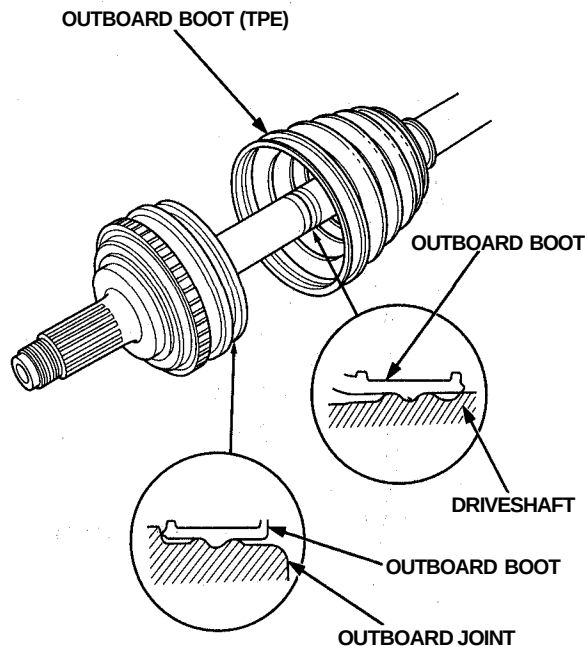
'96 - '98 models: 130 - 140 g (4.6 - 4.9 oz)

'98 Canada and '99 - '01 models:

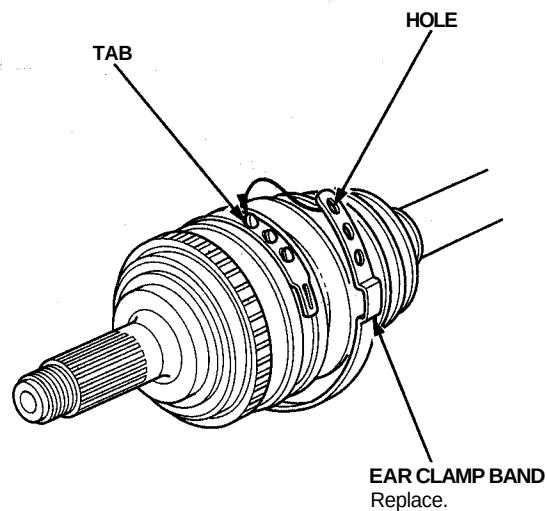
140 - 150 g (4.9 - 5.3 oz)



8. Fit the boot ends onto the driveshaft and outboard joint.



9. Install the boot bands.
- For '96-'98 models, go to step 13
 - For '98 Canada and '99-'01 models, go to step 10.
10. Set the ear clamp band by threading the tab into the holes of the band.

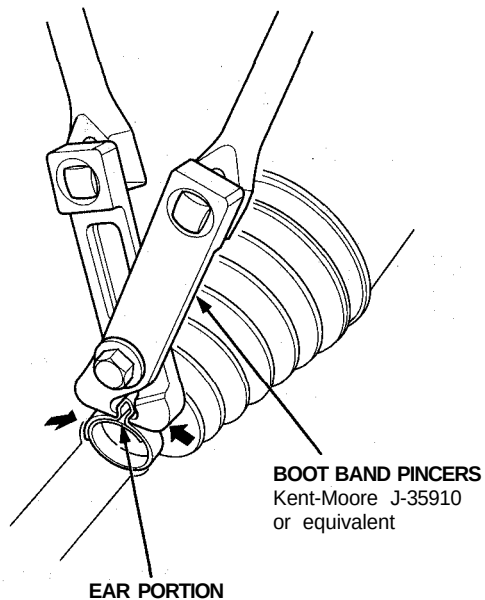


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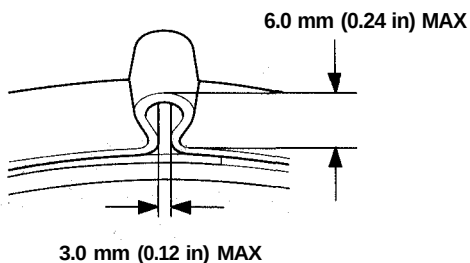
Driveshafts

Reassembly (cont'd)

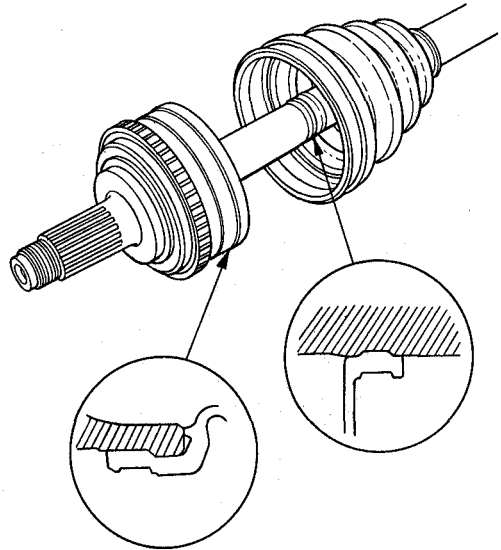
11. Close the ear portion of the band with a commercially available boot band pincers Kent-Moore J-35910 or equivalent.



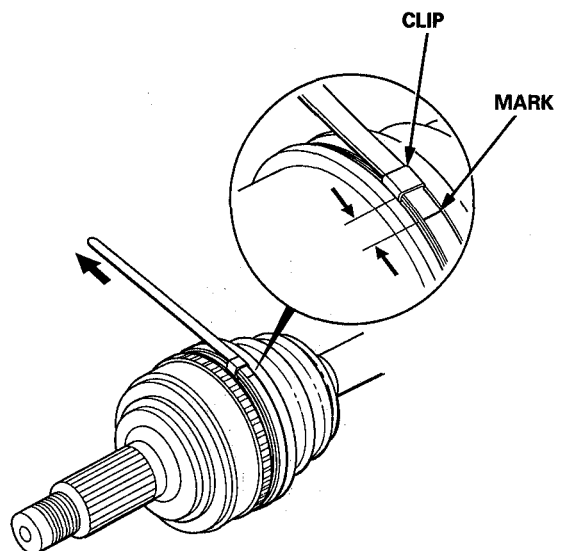
12. Check the clearance between the closed ear portion of the band. If the clearance is not within the standard, close the ear portion of the band further.

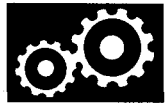


13. Fit the boot ends onto the driveshaft and the outboard joint.

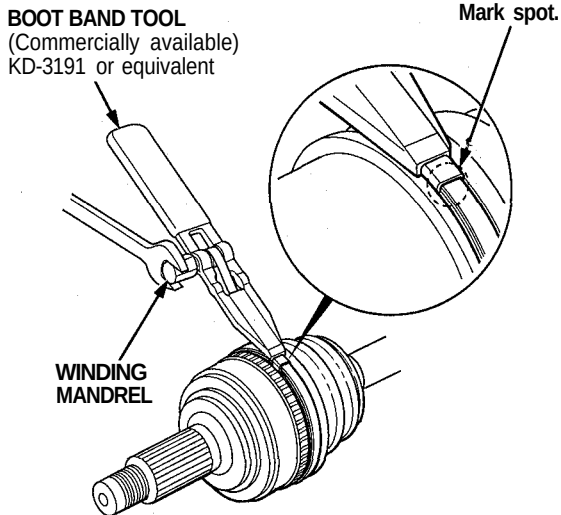


14. Fit the double loop boot bands onto the boot ends.
15. Pull up the slack in the band by hand.
16. Mark a position on the band 10 - 14 mm (0.4 - 0.6 in.) from the clip.



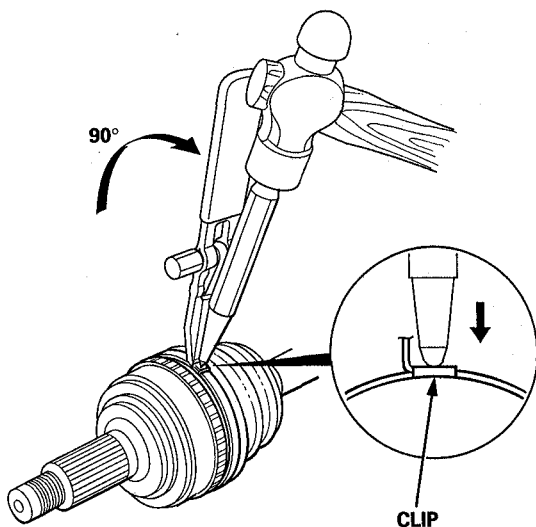


17. Thread the free end of the band through the nose section of the commercially available boot band tool KD-3191 or equivalent, and into the slot on the winding mandrel.

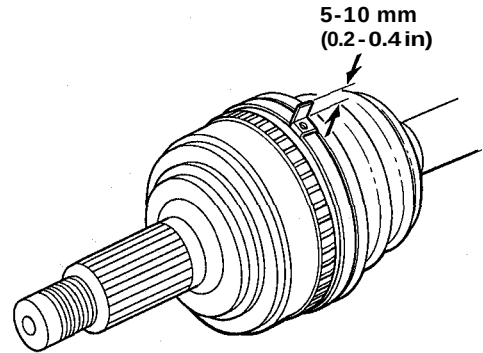


18. Place a wrench on the winding mandrel of the boot band tool, and tighten the band until the marked spot on the band meets the edge of the clip.

19. Lift up the boot band tool to bend the free end of the band 90° to the clip. Center punch the clip, then fold over the remaining tail onto the clip.



20. Unwind the boot band tool, and cut off the excess free end of the band to leave a 5 - 10 mm (0.2 - 0.4 in) tail protruding from the clip.



21. Bend the band by tapping it down with a hammer.

NOTE: Make sure the band and the clip do not interfere with anything, and the band does not move. Remove any grease remaining in the surrounding surfaces.

