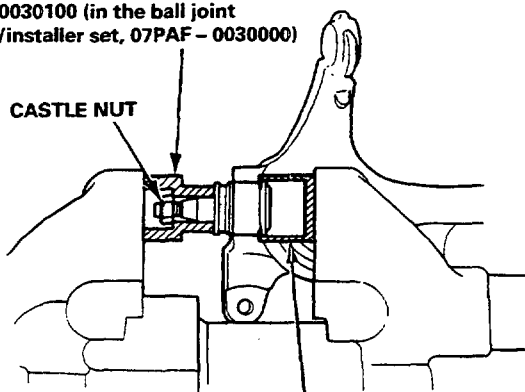


# Front Suspension

## Lower Ball Joint Replacement

1. Remove the knuckle (see page 18-11).
2. Remove the boot by prying the set ring off.
3. Check the boot for deterioration and damage, replace if it is necessary.
4. Remove the 40 mm circlip.
5. Install the special tools on the ball joint and tighten the castle nut.
6. Position the special tools over the ball joint as shown, then set the assembly in a vise. Press the ball joint out of the knuckle.

**BALL JOINT REMOVER/INSTALLER**  
07PAF - 0030100 (in the ball joint  
remover/installer set, 07PAF - 0030000)

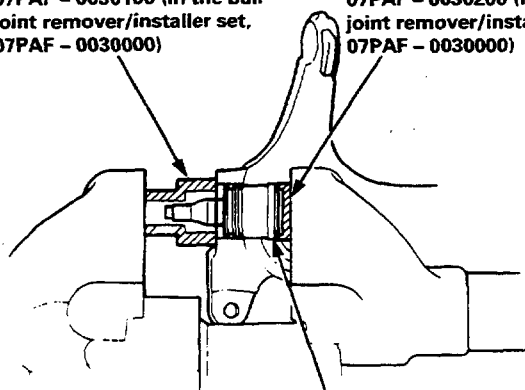


**BALL JOINT REMOVER BASE**  
07JAF - SH20200 (in the ball joint  
remover/installer set, 07PAF - 0030000)

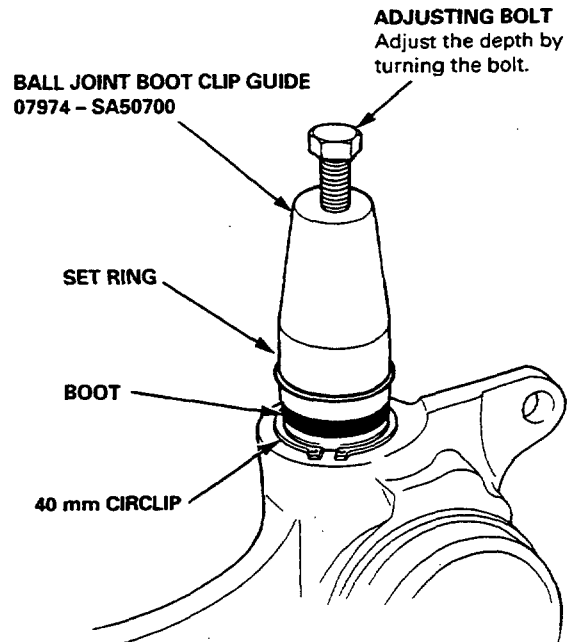
7. Place the ball joint in position by hand.
8. Install the special tools over the ball joint as shown, then press the ball joint in.

**BALL JOINT  
REMOVER/INSTALLER**  
07PAF - 0030100 (in the ball  
joint remover/installer set,  
07PAF - 0030000)

**BALL JOINT  
INSTALLER BASE**  
07PAF - 0030200 (in the ball  
joint remover/installer set,  
07PAF - 0030000)



9. Install the 40 mm circlip.
10. Install the ball joint boot and set ring using the special tool (see page 18-19).



11. Install the knuckle (see page 18-16).
12. Check the front wheel alignment and adjust if necessary (see page 18-4).