

# **Component Procedures: Ball Joint**

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# Component Procedures: Ball Joint

## Specifications Quick Reference (itype\_439)

Quick Specifications

- item

### Ball Joint Inspection (Lower Ball Joint) (Article 13600)

Special Tools

J 8001 - Dial Indicator

For equivalent regional tools, refer to Special Tools .

- The vehicle must rest on a level surface.
- The vehicle must be stable. Do not rock the vehicle on the floor stands.
- Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle .
- Clean and inspect the ball joint seal for cuts or tears. If the ball joint seal is damaged, replace the ball joint or the lower control arm as applicable for this vehicle.
- Support the lower control arm with a floor stand as far outboard as possible and raise the suspension until the lower control arm moves 25 mm (1 in) .
- Install the J 8001 - dial indicator , or suitable dial indicator, to measure the vertical lash in the ball joint. [Click for full-size image](#)
- Lift the knuckle towards the lower control arm and record the dial indicator measurement.
- If the dial indicator reading is more than 0.50 mm (0.020 in) , replace the ball joint or the lower control arm as applicable for this vehicle.