Dodge Ram Lower Ball Joint Removal Procedures

2004-2006 Dodge Ram pickups

DYK10-104

MOOG

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ADVICE FOR THE PROFESSIONAL

Overview

Technicians may mistakenly cut rivets out of the lower control arm to remove the lower ball joint. The rivets actually attach the forged end plate to the control arm. The ball joint is pressed into this forged end plate. Removal of the rivets is unnecessary and will destroy the end plate, requiring complete control arm replacement.

This bulletin discusses the proper removal procedure for the Dodge Ram lower ball joint.

Models affected:

Year	Application
2004-2006	Dodge Ram pickups Light Duty (LD) / Heavy Duty (HD)

Repair Procedure

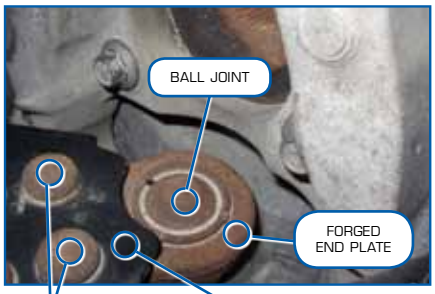
Ball joint removal

Note the following images:

Light Duty model shown.

Con't next column

Ball joint removal (con't)



From above, it looks like the rivets are holding the ball joint housing, especially if there is rust present. The rivets are actually used to attach the forged end plate that houses the ball joint.

Heavy Duty (HD)

The OE ball joint on HD models is actually a press-fit style with a snap ring and groove.

On Heavy Duty models, remove the snap ring and press out the ball joint, using a C-Clamp Press Tool and the T80275 or equivalent press kit.

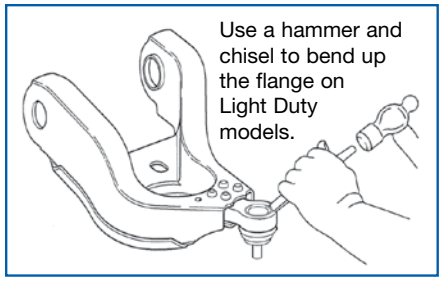
Light Duty (LD)

The OE ball joint on LD models is actually a press-fit style with a retention flange.

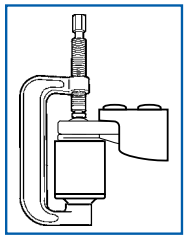
On Light Duty models, remove the ball joint retention flange (it must be bent upward for removal). A hammer and chisel can be useful for this purpose. ***Note: Once the retention flange is bent, the ball joint cannot be reused.*** Then press out the ball joint, using a C-Clamp Press Tool and the T80275 or equivalent press kit.

Con't next column

Ball joint removal (con't)



Use a hammer and chisel to bend up the flange on Light Duty models.



Use a press kit similar to the T80275 to remove the ball joint.

T80275 Kit (Removal pieces)

Ball joint installation

Using the T80275 ball joint press kit, reinstall using the MOOG® K7411 ball joint. This ball joint has a knurled housing to keep it securely in place. The K7411 also utilizes a snap ring for retention, and it eliminates the need to flare down a flange.

K7411

T80275 Kit (Installation pieces)

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