Ball Joint: Technical Service Bulletins
Ball Joint/Steering Knuckle - Additional R&R Information

Section 6

Group 61

No. 0002

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Ball joint/steering knuckle, removing

Background:

This service bulletin is a supplement to existing information. The bulletin describes an updated method on how to remove the ball joint from the steering knuckle on the front suspension.

Update service manuals: Please write: "To remove the ball joint/steering knuckle see Service Bulletin 61-0002" in the listed service manuals in ink.

Ball joint/steering knuckle, removing
Preparations

Caution!
Safety goggles must be worn when blowing clean area with compressed air.

Blow clean around the ball joint with compressed air.
Generously spray with rust penetrator the area around the ball joint and the retaining screw and nut for the ball joint.

Separate ball joint from knuckle

Caution!
Do not open up the slot on the knuckle which clamps the ball joint. Doing so may damage knuckle.

If retaining screw is rusted stuck, loosen nut a few turns and carefully tap on the screw using a drift and hammer.
Remove the nut and screw.
Spray the ball joint with rust penetrator again.

Caution!
The inner diameter of the socket must be larger then the bottom diameter of the ball joint. Failing to do so may damage the ball joint.
Spray the ball joint with rust penetrator again.
Use a socket or equivalent as extension see illustration.

**Warning!**

Eye protection must be worn. Do not use a steel hammer. A brass or copper hammer must be used.

Carefully knock on the socket to loosen the ball joint from the knuckle.

Verify that the ball joint is loose from the knuckle. If needed install protective sleeve 999 5562 on the ball joint boot and use a pry bar to separate the ball joint from the steering knuckle.

Use Holder 9995563 on the control arm when the ball joint is detached.

**Installing the ball joint**

Clean off any rust and/or debris from the knuckle and the ball joint.

Apply a light coat of lubrication in on the bolt of the ball joint.

Install ball joint to the steering knuckle.
IMPORTANT:
Press ball joint up so that the tapered end is visible before torquing the retaining screw/nut. (see illustration, arrow)

Install new retaining screw and nut and torque to 50 NM (35 lbs)