

OEM[®]

Tools for Professionals

Ball Joint Press

27089

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Ball Joint Press

with 4WD Ball Joint Service Set

- Used to install and remove ball joints on most cars and light trucks with press fit ball joints. May also be used to remove and install U-joints on most cars and light trucks.

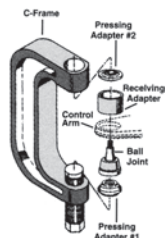
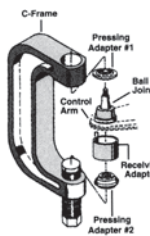
NOTE: Some vehicles may have spot welds holding the ball joint in place. The spot weld must be broken before attempting to remove the ball joint.

Ball Joint Removal:

1. Place pressing adapter #1 (disc with small hole) over the ball joint shaft.
2. Choose the correct receiving adapter and place it on the pressing adapter #2 (disc with large hole) and under the ball joint.
3. Place the C-frame around this combination tightening the forcing screw until tight. Verify the alignment of all the components making sure pressing job will not bind and that alignment is correct.
4. Tighten forcing screw pressing the ball joint from control arm.

Ball Joint Installation:

1. Insert new ball joint into control arm. Make sure ball joint is going in straight.
2. Place receiving adapter and pressing disc #2 on top of control arm.
3. Assemble C-frame around this combination with the pressing disc #1 on top of forcing screw and under ball joint.
4. Tighten forcing screw until combination is secure.
5. Verify the alignment of all the components making sure pressing job will not bind and that alignment is correct.
6. Continue tightening the forcing screw until ball joint is completely seated.



4WD Adapter Set is used to remove and install the ball joints on 1967 and newer vehicles with DANA 44 axles

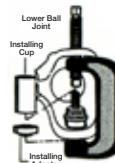
Removal

1. Remove the knuckle assembly from vehicle.
2. Remove the snap ring retaining lower ball joint and place the Receiving Cup over lower ball joint.
3. Assemble the c-frame around components and tighten forcing screw.
4. Verify the alignment of all the components making sure pressing job will not bind and that alignment is correct.
5. Continue tightening the forcing screw pressing the ball joint up into Receiving Cup.
6. Repeat same procedure for upper ball joint.



Installing

1. Assemble the lower ball joint into knuckle.
2. Place the installing Cup over the ball joint.
3. Assemble the c-frame around components with the installing Adapter under the knuckle and tighten forcing screw.
4. Verify the alignment of all the components making sure pressing job will not bind and that alignment is correct.
5. Tighten the forcing screw until ball joint is firmly seated.
6. Install snap ring to retain ball joint.
7. Repeat same procedure for upper ball joint.
8. Reassemble the knuckle to the vehicle.



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U-Joint Assembly and Disassembly:

The C-frame press can be used to service the U-joints on most vehicles. Note: Clean U-joint assembly before beginning the job!

Removal:

1. Remove any external and/or internal lock rings.
2. Assemble the C-frame press around the drive shaft yoke and press the U-joint until first bearing is removed.
3. Reassemble and press the second bearing.



Installation:

1. Align the new bearing and C-frame press as straight as possible over the drive shaft yoke and press bearing into yoke.
2. Reassemble the external and/or internal lock rings.
3. Align the C-frame press and second bearing as straight as possible over the drive shaft yoke and press into yoke.
4. Reassemble the external and/or internal lock rings.



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MADE IN TAIWAN

NOTE: Keep forcing screw lubricated and clean!
CAUTION: Always wear eye protection!