TIE ROD/BALL JOINT SEPARATOR SET

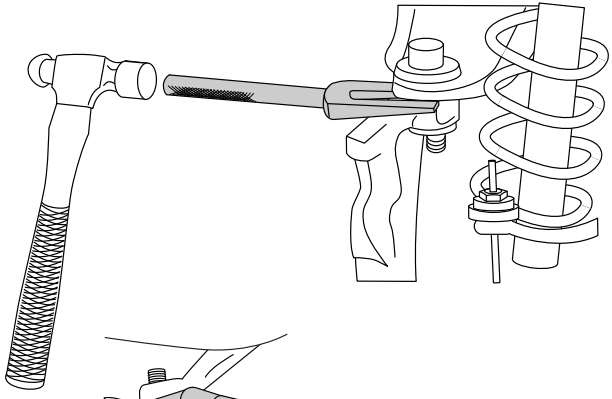
W89310

Ball Joint Separation

1. Raise the vehicle and support it securely on jack stands.
2. With wheels removed, place a jack under the lower control arm and raise it just enough to support the control arm.

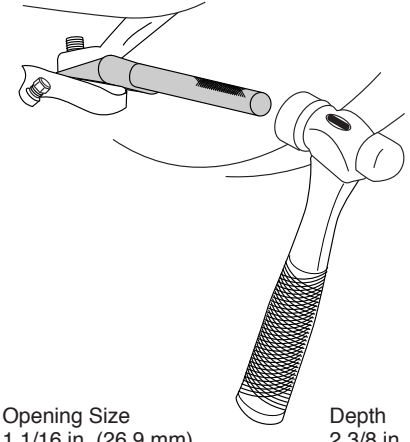
CAUTION: Be careful not to lift so much that the vehicle weight comes off the jack stands.

3. Clean the area around the ball joint with a wire brush.
4. Remove the cotter pin and loosen the ball joint retaining nut a few turns. Do not remove the nut completely until the joint has been safely separated.
5. Select the most appropriate size fork that will fit between the ball joint and the control arm.
6. Insert the ball joint separator tool in between the ball joint and the control arm.
7. Strike the end of the fork repeatedly until the joint is separated.



Tie Rod Separation

1. Raise the vehicle and support it securely on jack stands.
2. Remove the cotter pin and the tie rod retaining nut.
3. Select the most appropriate size fork that will fit around the tie rod stud.
4. Position the fork between the tie rod and the part it is attached to and strike the handle of the tool repeatedly until the joint is separated.



SET COMPONENT LISTING (Replacement Part Numbers):

Part Number	Description	Opening Size	Depth
W1203	Pitman Arm Separator	1 1/16 in. (26.9 mm)	2 3/8 in. (63.5 mm)
W1204P	Tie Rod Separator	21/32 in. (16.6 mm)	2 3/4 in. (69.8 mm)
W1205	Pitman Arm Separator	1 3/8 in. (34.9 mm)	2 7/8 in. (73 mm)
W1206P	Ball Joint Separator	15/16 in. (23.8 mm)	3 in. (76.2 mm)
W1207	Pitman Arm Separator	1 5/8 in. (41.2 mm)	3 1/8 in. (79.3 mm)

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