



RT Off-Road HD Ball Joint Set Installation Tips

Part Numbers: RT21002, RT21003

- For detailed instructions in replacement of the upper and lower ball joints, refer to a factory service manual. Proper training is essential to perform this service.
- A ball joint press kit is required for installation. These kits are available at many local tool stores, auto part stores, and online.
- The Heavy Duty Ball Joints come with a 12-month warranty from time of purchase. These warranties are non-transferable.
- Remove the boots from the ball joints prior to installation to ensure they are not damaged. Remember to re-install the boots before installing the knuckles.
- Ensure the ball joint's grease fittings are accessible after installation. Do not install grease fittings until service is complete.
- These Heavy Duty Ball Joints have a break-in period of 500 to 1,000 miles. The driving characteristics of the vehicle may be affected until break-in period is complete.
- Lubricate the ball joints immediately after installation and every 5,000 miles using synthetic grease.
- Have the vehicle professionally aligned once installation is complete.

While every attempt is made to ensure that the information contained in these instructions is correct, no liability can be accepted by the authors for loss, damage, or injury caused by any errors in, or omissions from the information given. All service should be performed by qualified mechanics. Crown Automotive Sales Co., Inc. cannot be held responsible for any mechanical work performed. Standard and accepted safety precautions should be used in every procedure.

Ball Joint Nut Torque Chart		
Model	Upper	Lower
07-16 Wrangler	70 ft./lbs	70 ft./lbs
87-06 Wrangler	75 ft./lbs	80 ft./lbs
93-04 Grand Cherokee	75 ft./lbs	80 ft./lbs
84-01 Cherokee	75 ft./lbs	80 ft./lbs
86-92 Commache	75 ft./lbs	80 ft./lbs



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