

**SPICER<sup>®</sup>**

---



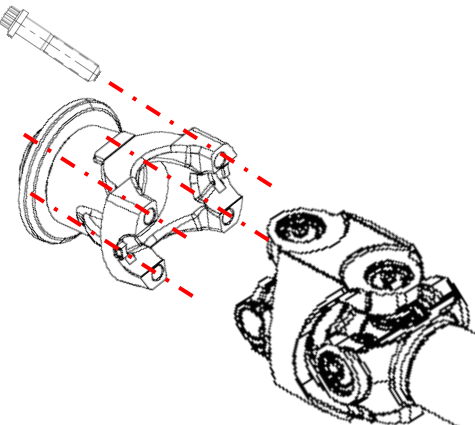
# Driveshaft Installation Instructions

---

# Driveshaft Installation Instructions

Dana Aftermarket Group is pleased to provide the following installation instructions of Spicer driveshaft for selected Jeep JK vehicles. If you have additional questions or concerns, please contact your local Spicer sales representative.

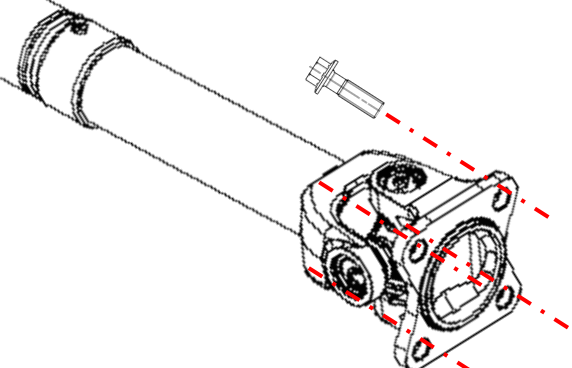
## TRANSFER CASE



- 1) Disassemble and remove the old driveshaft by using the following sockets: 15mm (4 axle flange bolts), and 5/16" 12-pt (6 transfer case flange bolts). It may be necessary to remove the skid plates to facilitate driveshaft removal/installation.
- 2) Using a straight extension, and a 1 1/4" socket, remove the nut in the center of the transfer case flange. May require an impact wrench due to high install torque.
- 3) Tap the back side of the flange to loosen. Remove flange from the transfer case. If may be necessary to use a gear puller.
- 4) Slide the new end yoke assembly on the output shaft splines of transfer case and tap it in with a rubber mallet until there are enough threads to start the nut.
- 5) Apply a small amount of Loctite to the threads of the nut, then tighten the nut to 150 ft-lbs.
- 6) Apply a small amount of Loctite to the threads of the four 5/16" bolts that came with the driveshaft assembly kit.
- 7) Move the new driveshaft into the install position such that the double-cardan side is toward the transfer case.
- 8) Align and connect the double-cardan to the newly installed transfer case yoke with the 5/16" bolts and a 5/16" wrench while utilizing a X pattern for fastening. Tighten the bolts to 25 ft-lbs.
- 9) Apply a small amount of Loctite to the threads of the four M12 bolts. Insert the bolts through the flange yoke of the driveshaft. With a 19mm socket, tighten using the X pattern to 120 ft-lbs.

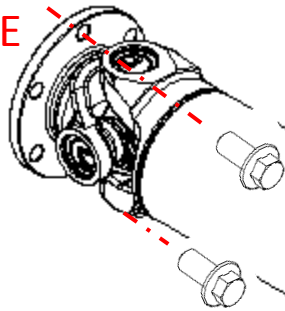
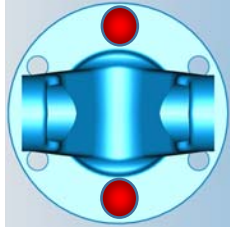
### Tools/Materials Required (bold items are provided):

- 1) **Driveshaft Assembly (qty:1)**
- 2) **5/16-24 flanged bolt (qty:4)**
- 3) **M12x1.75 (12-pt) flanged bolt (qty:4)**
- 4) **End yoke assembly (qty:1)**
- 5) **Flanged nut (qty:1)**
- 6) 15mm socket
- 7) 19mm socket
- 8) 5/16" 12-point wrench and socket
- 9) 1 1/4" socket
- 10) 1/2" drive impact gun
- 11) 1/2" drive extension
- 12) Threadlocker (e.g. Loctite 243)
- 13) Torque wrench (0-150 ft-lbs)
- 14) Rubber mallet



FRONT  
AXLE

REAR OF  
VEHICLE



- 1) Disassemble and remove the old driveshaft using the following sockets: 10mm (6 axle CV flange bolts), 12-pt 12mm (4 transmission flange bolts), 13mm (2 center support bolts). Save the 4 transmission flange bolts as they will be re-used in Step 6.
- 2) Pre-insert the 2 provided flanged bolts in the holes of the round flange as shown.
- 3) Slide the new driveshaft into position (round flange toward the rear of vehicle).
- 4) Apply a small amount of blue Loctite on the threads of the 2 pre-inserted flanged bolts and then align and hand tighten the bolts into the threaded holes of the axle CV flange.
- 5) Apply a small amount of blue Loctite on the threads of the 4 provided socket head bolts. Hand tighten the bolts into the axle flange and then evenly work all 6 bolts in using a "star pattern" until they are tightened. Finish by torquing the bolts to 41 ft-lbs.
- 6) Connect the square flange to the transmission flange with the 4 original bolts using an "X pattern" and then torque to 76 ft-lbs.

Tools/Materials Required:

- 1) Driveshaft Assembly
- 2) M10 flanged bolt (qty:2)
- 3) M10 socket-head bolt (qty:4)
- 4) 10mm socket
- 5) 12mm socket (12-pt)
- 6) 13mm socket
- 7) Threadlocker (Loctite 243 (blue))
- 8) Torque wrench (0-100 ft-lbs)

	Series	Maximum Horse Power	Ultimate Torque
Mustang Performance Driveshaft - Aluminum (3.5" Diameter)	1350	940	4231 ft. lb
Mustang Performance Driveshaft - Aluminum (4" Diameter)	1350	1090	TBD

FRONT OF  
VEHICLE

Discover other performance driveline & axles on our website.