



"CV" Half Shaft Ordering Defined

1250 E. Piper Ct. Meridian, Idaho 83642

Phone: 503.257.6604 Fax 503.253.6564

Shortening your CV axle shafts

If we're shortening your axles, once you determine how much each shaft is being shortened, it's important to do the following. Completely disassemble the shafts on both ends. At the point of cutoff, measure the shaft diameter to see if it's large enough to be turned and re-splined. Most factory shafts are turned down after the splines and are too small for re-splining. In this case, new shafts will be needed. If they are shortenable, only the shaft(s) and star or tripod for the end being shortened is needed.

Ordering new replacement shafts

If we're making new shafts, all we need is a sample shaft, lengths, and your star/tripod samples--see "What we need" below.

Ordering custom hybrid shafts

If you're ordering hybrid shafts, that is, shafts with splines from one drivetrain to the wheel hubs of another, please follow the ordering instructions below.

The first step is to cut your two CV axles in half (one end that will plug into the wheel hub that you are using and one end from the diff). Then take the cut off from the diff side and plug it into the transmission and the cut off from the wheel side and plug it into the hub. At this point your car should be off the ground and on jack stands, so that your front suspension has full range of motion. Next, use a jack to raise your wheel to ride height. Then take a piece of angle iron and tack weld the two dangling shafts together at the correct length, making sure that your cv joints are at the midpoint. You now have a proper mock-up shaft that you can manipulate during the full range of your suspension travel to ensure that your joints are not over-extended or bottoming out during suspension travel.

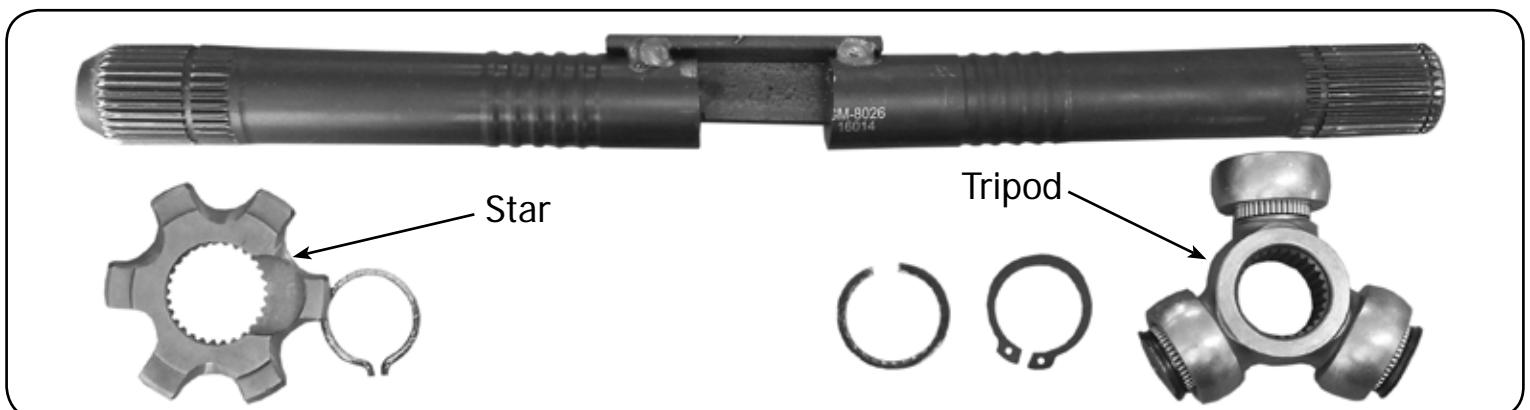
Once you have determined that your shafts are the correct length, you should now completely disassemble the mockup shafts, removing the CV joints from each end of the axle shaft(s) and removing the star or tripod joint from the CV joints [See "What we need" next].

What we need to complete an order

Regardless if we're shortening your axles or you're ordering our new CV half shafts, **ALL** orders require samples. Refer to the picture below to see the example of how your samples should be sent.

ALL shafts need to be completely disassembled, as we **DO NOT** disassemble or re-assemble CV shafts. All we need is the female star or tripod joint of **each** end and a sample shaft. You may send a single shaft, but be sure to let us know the axle length of the other shaft.

IF you are changing the length, simply specify how much off each side or the new overall shaft length. Please call us if you have any questions regarding these instructions.





By submitting this form, customer agrees to the current Terms, Conditions, & Policies as stated in the DMI price sheets & web site

SOLD / BILL TO:			SHIP TO:		
Name _____			Name _____		
Company _____			Company _____		
Address _____			Address _____		
City _____	State _____	Zip _____	City _____	State _____	Zip _____

DAY PHONE () _____ EVE PHONE () _____
 FAX () _____ Email: _____@_____

Qty	Description	Each	Total

AL: _____ QTY: _____
 AL: _____ QTY: _____
 AL: _____ QTY: _____
 AL: _____ QTY: _____
 AL: _____ QTY: _____
 AL: _____ QTY: _____
 (AL=The overall length of the shaft -- end to end)

Please send this filled out form with your samples -- as listed on our "How to Measure" guide. We suggest putting it on the inside of the package as opposed to the outside so it doesn't get torn off in transit. Lengths and quantities should be listed in the box to the left.

Outer - Wheel hub [IF known]
 Year: _____
 Make: _____
 Model: _____

Inner - Differential [IF known]
 Year: _____
 Make: _____
 Model: _____

