

## HOW TO MEASURE FOR A CUSTOM DRIVESHAFT

(Always take measurements with the vehicle at ride height, suspension fully loaded with the vehicle weight.)

**Question 1** - Measure the distance from the face of the transmission extension housing to the face of the pinion yoke. Note: Tape measure is on the housing not the seal or output shaft.



**Question 1** - Transmission tail housing measurement point.

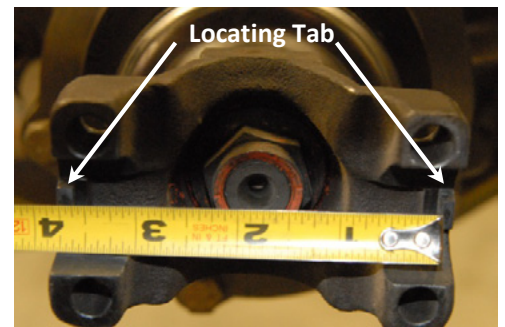
**Question 1** - Face of pinion yoke measurement point.



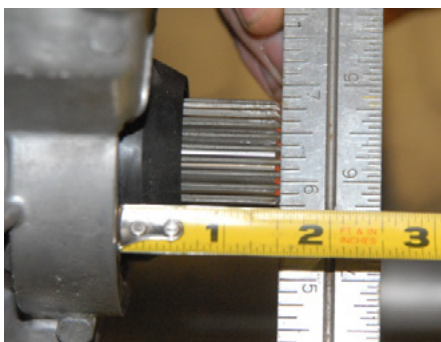
**Question 2** - Start your measurement at the 1" mark, this will take any tape measure end play out of the measurement.

**Question 2** - Measure the distance across the pinion yoke u-joint saddle. This will tell us the diameter of the U-Joint cap. There are three (3) standard diameters; 1 1/16", 1 1/8" or 1 3/16"

**Question 3 & 4** - If the pinion yoke has locating tabs, measure between the tabs to get the width for the pinion yoke or U-Joint. Standard dimensions are 3 1/4" or 3 5/8". If there are no tabs, measure the inside distance between the u-joint saddles. Standard dimensions are 2 1/8", 2 9/16" or 2 5/8"



**Question 3 & 4** - Inside dimension of locator tabs.



**Question 5 & 6** - Straight edge helps.

**Question 5 and 6** - Measure the distance between the end of output shaft and the extension housing, compressing the seal if necessary. Make sure to check whether the output shaft has a threaded hole in the end and note this on the form.

**Question 7** - Count the number of splines on the transmission output shaft. Hint: Use a permanent marker to create a starting point on a tooth.

**Question 8** - After the measurements are made, make sure to note the shaft material you wish to purchase.

**Question 9** - Transmission information