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7903-ISFT-01

REV 01/18/05

## INSTALLATION GUIDE



### Intermediate Shaft Set

For use with TCP Rack-&Pinion and  
OEM steering column (standard misalignment)

**P/N: TCP ISFT-01**

#### DESCRIPTION:

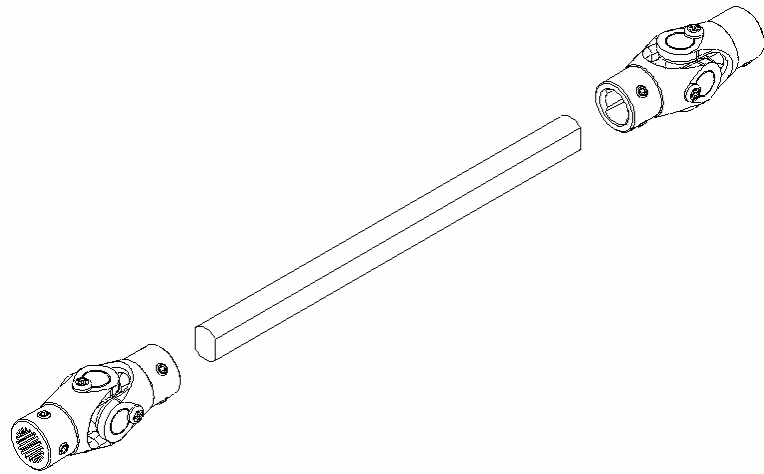
INTERMEDIATE SHAFT SET 3/4-DD x 3/4-20 x 10"  
STANDARD MISALIGNMENT

#### APPLICATIONS:

FITS '64-70 MUSTANG/COUGAR WITH OEM STEERING  
COLUMN

# PARTS LIST

Item	Part Number	Description	Qty
1	7900-094	Shaft 3/4"-DD x 10" Long	1
2	7900-UA10909	Universal Joint, 3/4-DD x 3/4-DD, 28°	1
3	7900-UA20109	Universal Joint, 3/4-DD x 3/4-20, 28°	1

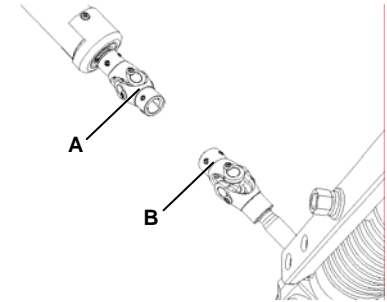


# INSTRUCTIONS

To proceed, the instructions for the steering column must be completed and the rack-&-pinion loosely bolted in place.

1. Place universal joint #7900-UA10909 onto the exposed 3/4"-DD steering shaft extending from the column.
  - a. 1" of shaft engagement is required.
  - b. Temporarily tighten setscrews just enough to hold the u-joint in place.
2. Place universal joint #7900-UA20109 onto the 3/4"-20 spline pinion shaft at the rack.

- a. 1" of shaft engagement is required.
  - b. Temporarily tighten setscrews just enough to hold the u-joint in place.
3. Angle the u-joints toward each other.
  - a. Measure the distance from point "A" to point "B" as shown in the illustration. This is your "cut to" length.
  - b. We recommend adding 1/4" to the measured length if you are unsure of the correct fit. The shaft can then be shortened after test fitting.



4. Place supplied shaft #7900-094 into a vise and cut square to the determined length.
  - a. File to remove any sharp edges.

General Intermediate Shaft Lengths (Verify measurement before cutting.)		
Rack	Engine	Length
Manual	Big Block	10"
Manual	Small Block	9"
Power	Big Block	6-1/8"
Power	Small Block	5-1/8"

Based on Mustang/Cougar applications.

5. Paint the cut end of the shaft to protect against rust.
6. The driver side end of the rack-&-pinion must be lowered to insert the correct length intermediate shaft between the u-joints.
  - a. Insert the shaft into the upper u-joint.
  - b. Insert the shaft into the lower u-joint as the rack-&-pinion is lifted back into position.
7. Snugly bolt the rack into place and verify that the shaft length and position are correct. Refer to illustration to right.
  - a. Once the length and position have been verified, apply a drop of medium strength Loctite™.
  - b. Tighten the setscrews to 15-17 lb. ft. using a 1/8" allen wrench.
8. Turn steering wheel to check for binding.



Shaft must not extend into open area of u-joint. Lengths exceeding 1" of engagement will cause u-joints to bind.