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INSTALLATION GUIDE



Intermediate Shaft Set

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

P/N: TCP ISFT-02



Total Control Products

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DESCRIPTION:

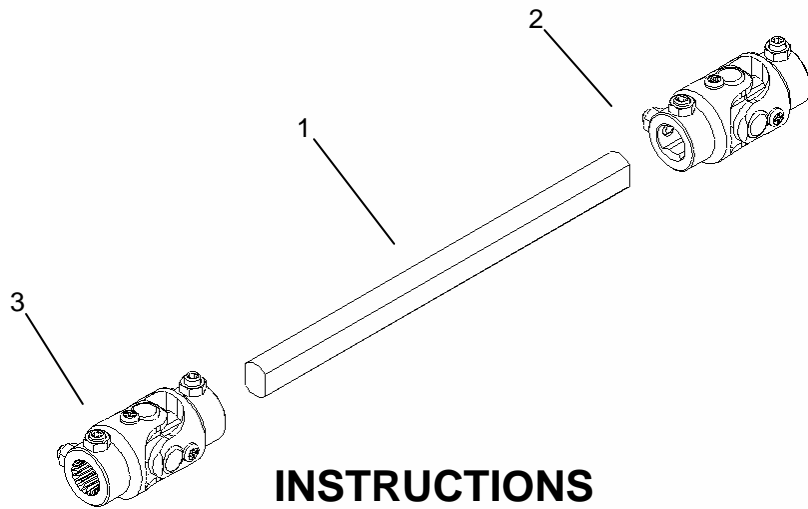
INTERMEDIATE SHAFT SET 3/4-DD x 3/4-20 x 10" HIGH MIS-ALIGNMENT

APPLICATIONS:

FITS 60-65 FALCON/COMET WITH OEM STEERING COLUMN

PARTS LIST

Item	Part Number	Description	Qty
1	7900-094	Shaft 3/4-DD x 10" Long	1
2	7900-U16N7DD720	Universal Joint, 3/4-DD x 3/4-DD, 31°	1
3	7900-U16N7DD7DD	Universal Joint, 3/4-DD x 3/4-20, 31°	1

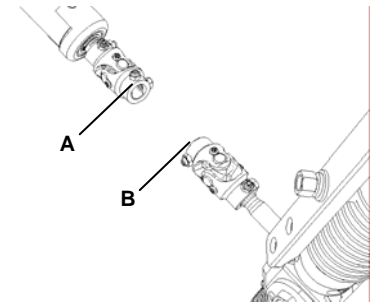


INSTRUCTIONS

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

1. Place universal joint #7900-U16N7DD7DD onto the exposed 3/4-DD steering shaft extending from the column.
 - a. 7/8" of shaft engagement is required.
 - b. Temporarily tighten setscrews just enough to hold the u-joint in place.
2. Place universal joint #7900-U16N7DD720 onto the 3/4-20 spline pinion shaft at the rack.
 - a. 7/8" 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 end to end of u-joints. (Points "A" and "B" shown in the illustration on Page 2.)

- b. Add 1-3/4" to the measured length. This is your "cut to" length.
 - c. We recommend adding 1/4" to the calculated 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 calculated length.
 - a. File to remove any sharp edges.
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 at the right.
8. Once the length and position have been verified the u-joint set screws can be tightened to mark the shaft.
 - a. Remove shaft and drill an indent on flat side of shaft at marked position. (See illustration.)
9. Final assembly can now be completed.
 - a. Place shaft into u-joints as described in step 6.
 - b. Apply a drop of medium strength Loctite™ to setscrews.
 - c. Tighten setscrews to 15-17 lb. ft. using a 5/32" allen wrench.
 - d. Tighten setscrew jam nuts to 15-17 lb. ft.
10. Turn steering wheel to check for binding.



Shaft must not extend into open area of u-joint. Lengths exceeding 7/8" of engagement will cause u-joints to bind.

