# **INSTALLATION GUIDE**



# TCP ISFT-13

Intermediate Shaft Set
For use with TCP Frame Clip Power Rack-&-Pinion and 3/4"-36 Steering Column Shaft (high misalignment)



#### **Description:**

Intermediate shaft set 16.8mm-DD (rack) x 3/4"-36 (column) x 18" high misalignment

#### **Applications:**

Fits '64-70 Mustang/Cougar with TCP frame clip power rack and pinion and 3/4"-36 ididit column shaft.

### **PARTS LIST**

TCP ISFT-13 - Intermediate Shaft Kit 18" Long Shaft

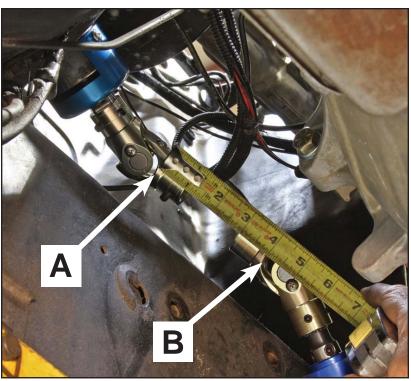
Qty	Part Number	Description
1	204-024-017.900	Shaft 3/4-DD x 18" long clear zinc plated
1	3128-SNP-3449	U-joint 3/4"-36 x 3/4"-DD, 35 degree
1	3128-SNP-4945	U-joint 3/4"-DD x 16.8mm-DD, 35 degree

### **INSTRUCTIONS**

NOTE: The following images where shot using a different rack and pinion system for 1965-70 Mustangs. The installation procedure is identical.

- 1. To proceed, the instructions for the steering column must be completed and the rack and pinion bolted in place.
- 2. Place the 16.8mm-DD universal joint onto the pinion shaft at the rack. One inch of shaft engagement is required.
- 3. Temporarily tighten the setscrews just enough to hold the U-joint in place.
- 4. Place the 3/4"-36 universal joint onto the exposed steering shaft extending from the column.
- 5. One inch of shaft engagement is required.
- 6. Temporarily tighten the setscrews just enough to hold the u-joint in place.
- 7. Angle the U-joints toward each other.
- 8. Measure the distance from point "A" to point "B" as shown in the photo. This is your "cut to" length.
- 9. 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.
- Place supplied intermediate steering shaft into a vise and cut square to the determined length.
- 11. File to remove any sharp edges.
- 12. Paint the cut end of the shaft to protect against rust.





- Loosen the set screws on the two U-joints and slide them as far apart as they will go.
- 14. Insert the shaft into the upper U-joint.



- 15. Insert the shaft into the lower U-joint.
- 16. Slide the U-joints into position on the rack and the column before tightening the set screws.



- 17. Move the steering wheel through its complete travel. There should be any binding. If bind is detected in the steering wheel you may need to shorten the 3/4-DD shaft until the steering moves freely.
- 18. With the shaft now at the correct length, remove each set screw one at a time to drill a shallow 5/16"-diamemter landing recess into each shaft. Use each U-joint as a drill jig.
- 19. Reinstall and tighten each set screw after debris has been cleared from hole.



#### **WARRANTY NOTICE:**

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