

# BORGESON

**Steering You Forward**

**800111**

1968-1970 Mustangs with Manual Steering  
289/302 V-8 & 200/250 I-6

**PARTS REQUIRED FOR THESE APPLICATIONS:**

Part #	Description
800111	1968-1969 Mustang power conversion box. 1-1/8" Sector shaft.
990016	Half rag joint. Connects conversion box to 1968-1969 factory collapsible column.
800330	Saginaw P/S pump upgrade. 1968-1969 SBF 289/302/351W. Includes P/S pump, bracket and pulley.
800334	Saginaw P/S pump upgrade. 1968-1970 Inline 6. Includes P/S pump, bracket and pulley.
925108	P/S Hose kit. 2 Piece rubber, Saginaw P/S pump to Mustang conversion box. V-8
925110	P/S Hose kit. 2 Piece rubber, Saginaw P/S pump to Mustang conversion box. I-6

**REMOVAL:**

- Remove pitman arm from original steering box. Disconnect the original steering box at the rag joint. Remove the three bolts attaching the steering box to the frame and remove steering box.

**INSTALLATION:**

- Bolt the new steering box to the frame with the supplied bolts and lock nuts. Check that the steering box is not making contact with the exhaust, or any surrounding brake lines. ***Grinding or altering the steering box in any way will void your warranty.***
- Gently tap on the rag joint flange at the base of the stock column to collapse the column in on itself to create clearance for the rag joint and power steering box. It may be necessary to trim some of the outer column tube off to allow the inner shaft to collapse far enough for installation. **Do not attempt to collapse aftermarket columns.**
- Center steering box and reinstall pitman arm to new steering box with supplied lock washer and nut. Attach pitman arm to original drag link.
- Install the part #990016 half rag joint to steering box and secure with setscrew then lock nut. **(Do not stop at the groove in the shaft. Fully install the shaft 1" into the rag joint)** Attach rag joint to stock column rag joint flange with supplied bolts.
- Install correct power steering pump, bracket and pulley kit for your vehicle and connect to conversion box with P/S hose kit # 925108 or 925110. **(Arrows are cast into box indicating pressure and return. Return line is closest to the rag joint.)**
- Fill the power steering system with a quality P/S fluid. With the engine running check new system for leaks and bleed off any air trapped in the system by slowly turning the wheel full left to full right with the wheels off the ground. ***Be sure to keep fluid full.***
- ***It is recommended to get a complete alignment. We recommend increasing caster to 3-4 degrees positive.***

# **BORGESON**

**Steering You Forward**

1968-1970 Mustangs with **Power Steering**  
289/302 V-8 & 200/250 I-6

## **PARTS REQUIRED FOR THESE APPLICATIONS:**

<b>Part #</b>	<b>Description</b>
800111	1968-1970 Mustang power conversion box. 1-1/8" Sector shaft.
990016	Half rag joint. Connects conversion box to 1968-1970 factory collapsible column.
990003	1968-1970 Mustang manual drag link adapter.
925107	P/S Hose kit. 2 Piece rubber, Ford P/S pump to Mustang conversion box. V-8
925109	P/S Hose kit. 2 Piece rubber, Ford P/S pump to Mustang conversion box. I-6

## **REMOVAL:**

- Remove pitman arm from original steering box. Disconnect the original steering box at the rag joint. Remove the three bolts attaching the steering box to the frame and remove steering box.

## **INSTALLATION:**

- Bolt the new steering box to the frame with the supplied bolts and lock nuts. Check that the steering box is not making contact with the exhaust, or any surrounding brake lines. ***Grinding or altering the steering box in any way will void your warranty.***
- Gently tap on the rag joint flange at the base of the stock column to collapse the column in on itself to create clearance for the rag joint and power steering box. It may be necessary to trim some of the outer column tube off to allow the inner shaft to collapse far enough for installation. **Do not attempt to collapse aftermarket columns.**
- Install part #990003 Manual steering drag link adapter to original drag link. Do not completely tighten drag link adapter pinch bolt until attached to pitman arm to verify alignment of stud on adapter. Be sure to properly tighten all bolts.
- Center steering box and reinstall pitman arm to new steering box with supplied lock washer and nut. Attach Pitman arm to #990003 manual drag link adapter and secure with supplied castle nut and cotter pin and then tighten pinch bolt on drag link adapter.
- Install the part #990016 half rag joint to steering box and secure with setscrew then lock nut. **(Do not stop at the groove in the shaft. Fully install the shaft 1" into the rag joint)** Attach rag joint to stock column rag joint flange with supplied bolts.
- Connect conversion box to your original Ford pump with P/S hose kit # 925107 or 925109. **(Arrows are cast into box indicating pressure and return. Return line is closest to the rag joint.)**
- Fill the power steering system with a quality P/S fluid. With the engine running check new system for leaks and bleed off any air trapped in the system by slowly turning the wheel full left to full right with the wheels off the ground. ***Be sure to keep fluid full.***
- ***It is recommended to get a complete alignment. We recommend increasing caster to 3-4 degrees positive.***

View [other Performance Steering Parts](#) made by [Borgeson Steering Components](#) on our website.