

# BORGESON

**Steering You Forward**

**800131**

*1949-1951 Mercury P/S Conversion*

**PARTS AVAILABLE FOR THESE APPLICATIONS:**

Part #	Description
800131	1952-1964 Ford power conversion box.
012564	Universal Joint 11/16-36 Spline X 3/4" Smooth. (Fits Borgeson Conversion Box to modified stock shaft.)
052549	Rag Joint 3/4"-DD X 11/16-36 Spline. (Fits Borgeson Conversion Box to modified stock shaft.)
312500	Coupler 11/16-36 Spline X 3/4" Smooth. (Fits Borgeson Conversion Box to modified stock shaft.)
800330	Saginaw P/S pump upgrade. SBF 289/302/351W. Includes P/S pump, bracket and pulley.
800335	Saginaw P/S pump upgrade. Y-Block 292/312. Includes P/S pump, bracket and pulley.
800336	Saginaw P/S pump upgrade. Ford FE Big Block. Includes P/S pump, bracket and pulley.
801150	2 Row Add-On crank pulley for 292/312 Ford Y-Block.
925108	P/S Hose kit. 2 Piece rubber, Saginaw P/S pump to Ford conversion box. V-8

**REMOVAL:**

- Disconnect original pitman arm from original steering box and drag link.
- With a steering wheel puller remove the original steering wheel from the steering box/column shaft.
- Disconnect the original steering column wiring and shift linkage if equipped and remove the steering column tube from over the steering box shaft.
- Remove the bolts attaching the steering box to the frame and remove the original steering box from the vehicle.

**NOTE:** The original steering column will need to be shortened for the installation of the Borgeson power steering conversion box. Column modification depends on shift location and can be quite involved on column shift cars.

**INSTALLATION:**

- Bolt the new steering box to the frame with the supplied bolts and lock nuts. Install the supplied pitman arm a check that the steering box or pitman arm is not making contact with the exhaust, frame or any surrounding brake lines. Due to manufacturing and vehicle variations it may be necessary to shim the steering box to insure a proper alignment to the steering column.  
***Grinding or altering the steering box in any way will void your warranty.***
- ***Center the steering box*** and connect then connect the supplied pitman arm to the original drag link. Check the steering box through its full rotation to insure the steering linkage operates freely without binding or interference.
- Modify your original steering column or install an aftermarket steering column as necessary.
- Install correct power steering pump, bracket and pulley kit for your vehicle and connect to conversion box with P/S hose kit # 925108 (**Arrows are cast into box indicating pressure and return. The 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.***

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