



Installation Instructions HURST STAGE ONE SUSPENSION KIT

Fits: 2011-2014 Mustang GT, Boss 302,

Catalog# 6320020

WORK SAFELY: Perform this on a good clean level surface for maximum safety and with the engine turned "off". Apply parking brake and place blocks or wedges in front of and behind both rear wheels to prevent movement in either direction.

CAUTION: To avoid any possibility of bodily injury or damage to vehicle, do not attempt disconnect or installation until you are confident that the vehicle is safely secured and will not move.

NOTES

1. Never use an impact gun to remove or install strut main shaft components.
2. All springs should be installed with the Hurst logo right side up, and all original isolators, dampers, etc, should be retained.
3. For MacPherson Strut front suspension - mark the upper perch in relation to the lower before disassembly. Once the springs have been installed, verify the orientation has remained the same.
4. With installation complete, always check (and adjust if required):
 - Alignment - Camber/Caster/Toe
 - Tire/Wheel to Fender Clearance
 - Brake line Clearance & Strain Relief
 - Wheel Speed Sensor Wires & Strain Relief
5. Rear bump stop replacement is required.
6. During installation, any bushed pivot points **MUST** be torqued with the full weight of the vehicle on the suspension. This is to avoid bushing pre-load. Failure to do so can result in uneven lowering and bushing damage.

REAR BUMP STOP INSTRUCTIONS

1. Remove the two Torx T-40 screws holding the bump stop bracket to the axle, (both sides).



2. Cut out each OE bump stop while holding in a vice as shown. Some prying may be required to get the last bit out.



3. Squeeze the new Hurst bump stops into place as shown. A small bit of grease helps.



4. Reinstall each bump stop assembly into the vehicle and secure it with the OE screws.



SWAY BARS

NOTES

1. Installation of any Hurst Sway Bar Kit should be performed **ONLY** by a qualified mechanic with significant experience in removal and installation of sway bars, who has access to factory torque specs.
2. Use of a hoist and screw jack is highly recommended and will reduce the time required for installation.

OEM FRONT SWAY BAR REMOVAL

1. Begin by properly supporting the vehicle and removing the wheels. **NEVER** work under a vehicle only supported by a jack.

2. Remove the front under-tray and brace.
3. Remove the nuts which secure the outer links to the end of the factory bar.
4. Remove the nuts which secure the OEM sway bar pivot bushings to the subframe.

NOTE: Be sure to inspect the orientation of the OEM bar, as your new Hurst sway bar will be installed the same way.

5. The OEM sway bar may now be removed by rotating and sliding it out.

HURST FRONT SWAY BAR INSTALLATION

1. Apply some lubricant (included in the hardware kit) to the inner diameter of the new front bushings.
2. Install the new bushings onto the sway bar, with the cut wall of the bushing facing down.
3. Install the sway bar into the vehicle and attach with the provided new brackets and original OEM nuts. Be sure to position your new Hurst bar in the same orientation as the OEM bar.
4. Fasten the outer links to the sway bar ends, using the OEM hardware. (Before choosing a hole location, see page 4, SETTING GUIDELINES). Do not tighten at this time.
5. Before final torque, double check to make sure everything is properly aligned and positioned.
6. Torque all sway bar fasteners to factory recommended settings.
7. Reinstall the front brace and undertray.

OEM REAR SWAY BAR REMOVAL

1. NOTE: V6 models not equipped with a factory rear sway bar will proceed directly to Step 1, Rear Sway bar Installation.
2. Remove the two outer clamps and all associated hardware that attach the ends of the sway bar to the lower shock mounts. The OEM hardware will not be re-used.
3. Remove the top link bolts from both sides of the vehicle and remove the sway bar.

HURST REAR SWAY BAR INSTALLATION

1. Assemble the billet end links and loosely secure them to your new Hurst sway bar: Lubricate the ID (inner diameter) of the top bushings before sliding in the sleeve. Lubricate the ID of the lower bushings and install them on the bar. Attach the end links to the bar making sure the cap portion is towards the rear of the car, and use a small amount of supplied Blue Loctite on the socket head cap screws.

Please see Figure 1 for reference.



2. Install the assembly in the vehicle with the supplied bolts and nuts.

3. Lubricate the ID of the end bushings, and install them on the bar with the cut portion of the wall towards the ground.

4) Loosely affix the outer bushing clamps to the lower shock mounts, using a clamp, backing plate, two bolts, four washers, and two nylocks per side. Do not tighten at this time.

NOTE: The lower shock mounts are sandwiched between the base of the bushing and the backing plate.



Figure 2: Outer Bushing Clamp Assembly

5) Before final torque, double check to make sure everything is properly aligned and positioned.

6. Reinstall all wheels and torque to factory specification.

7. With the car sitting under its own weight, preferably on a drive-on type lift, torque all sway bar connections. This is critical to prevent bushing preload and premature wear.

SETTING GUIDELINES

FRONT SOFT SETTINGS

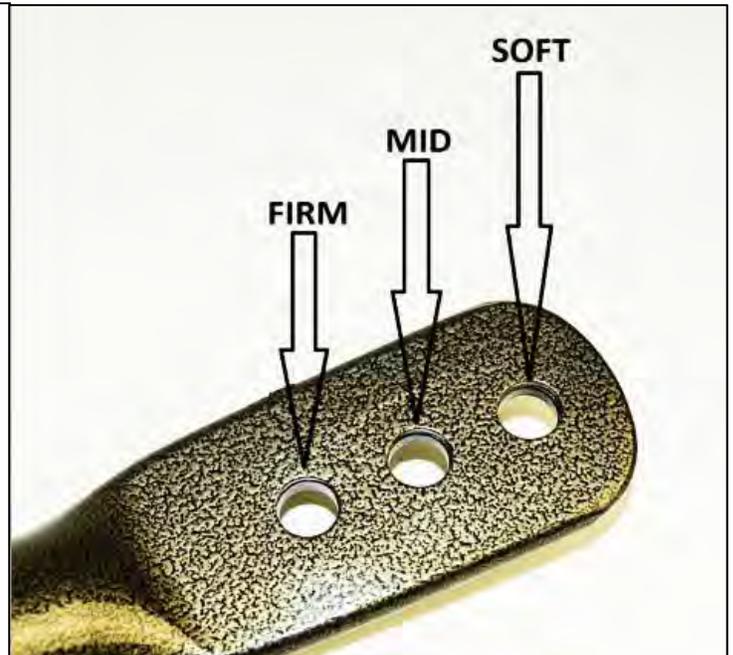
- Reduces Under-Steer
- Use under low traction conditions
- Use on rough roads / tracks
- Softer, more compliant ride

FRONT MID SETTING

- Depending on set up, balance out Under-Steer or Over-Steer
- Use under normal driving conditions
- Dry street driving

FRONT FIRM SETTING

- Reduces Over-Steer
- Use under high traction conditions
- Use on smooth roads / tracks



IMPORTANT: RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

Technical Service

A highly trained technical service department is maintained by Hurst Performance to answer your technical questions, provide additional product information and offer various recommendations.

Technical service calls, correspondence, and warranty questions should be directed to:



Hurst Performance Products

(707) 544-4761

www.Hurst-Shifters.com