



15-18 Mustang Rear Swing Arm Spherical Installation

Included Parts:

- 2 – Spherical Housing
- 4 – Cutout Front Lower Spacer
- 2 – Snap Ring

Special Tools:

- Hydraulic Press
- Snap Ring Pliers
- Bushing Removal/Install Tool

Swing Arm Removal/Install

1. Jack up and support the car by the chassis using jack stands or a car lift. Make sure jack stands or lift arms are not contacting the rear IRS sub frame.
2. Remove both wheels.
3. Starting on the driver side unbolt the lower sway bar end link (See IMAGE 2).
4. Using a floor jack or screw jack support the bottom of the swing arm, then remove the lower shock bolts (See IMAGE 2).
5. Remove the bolt holding the swing arm to the spindle (See IMAGE 2).
6. Remove the bottom bolt holding the vertical link to the swing arm and the toe link bolt (See IMAGE 3).
7. Loosen the (2) 13mm bolts holding the sub frame bracket to the body of the car. Remove the (2) 21mm bolts holding the same frame to the car (only do the driver side)(See IMAGE 1).
8. Pull the swing arm away from the spindle, vertical link and shock to remove the spring. With the IRS sub frame lowered on this side there should be minimal to no tension on the spring making it easy to remove.
9. Remove the (2) inner swing arm bolts holding it to the IRS sub frame and remove the swing arm.

Bushing Install

10. Using a hydraulic press, press out the factory rubber bushing.
11. Before pressing in the new bushing spray some WD40 or oil into the inside of the bore of the swing arm.
12. Press the new bushing into the swing arm with the tapered end going in first. The new bushing will press in till the flange is flush with the end of the arm (See IMAGE 4).
13. Install the provided snap ring to retain the bushing. Reinstall the swing arm reversing steps 3-9 above.
14. Follow steps 3-13 on the passenger side.

Note: By doing it one side at a time you should not have to get the rear of the car realigned. However some cars from the factory are not aligned properly and could require an alignment or using alignment spacer to make sure the rear IRS sub frame is square to the body.

