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15-18 Mustang IRS Alignment Kit Installation

Included Parts:

- 2 – Short Front Spacer
- 2 – Tall Rear Spacer

Tools Needed:

- 13mm Socket and Ratchet
- 21mm Socket

1. Jack up and support car with jack stands or put car on lift. Do not place jack stands or lift arms on the rear sub frame.
2. Put a jack under the front of the IRS sub frame.
3. There are four (21mm) main IRS sub frame bolts that hold it in place and four (13mm) bolts that hold the IRS braces to the body of the car. Remove the four (13mm) bolts from the IRS braces. (See image below)
4. Loosen the two rear (21mm) bolts allowing the rear IRS sub frame drop down from the car approximately $\frac{1}{2}$ " but do NOT remove yet.
5. Remove the two front (21mm) bolts allowing the front IRS sub frame to drop down from the car while keeping the jack underneath it for support. Move the IRS braces out of the way for the moment.
6. Install the Short Front Spacers into the sub frame followed by the factory IRS braces and then bolts. They only go in one way due to the counter bore in the spacer to accommodate for the shoulder of the bolt. Do not fully tighten leave about $\frac{1}{2}$ " of drop in the front of the IRS sub frame. Install the four (13mm) IRS sub frame brace bolts and leave loose.
7. Move the jack underneath the rear portion of the IRS sub frame and remove the rear two (21mm) bolts.
8. Install the Tall Rear Spacers into the sub frame followed by the factory bolts. They only go in one way same as the front bolts. It may require a pry bar to move the sub frame around enough for the bolts to go in.
9. Torque the four (21mm) main sub frame bolts to 129ft-lbs and the four (13mm) sub frame brace bolts to 41ft-lbs.
10. An alignment may be necessary the first time installing the Sub Frame Alignment Kit.

