

Note: Things needed....

GM rear rims (5 on 4.75 bolt circle).

Strange 9" Pro HD center section.

Strange Aluminum Double Adjustable Coil-Over Shocks S5005A.

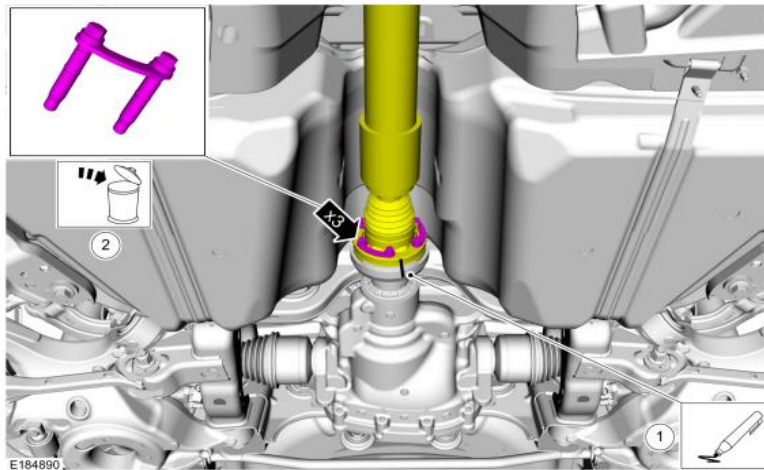
Coil Over Spring, 350 lbs./in. Rate, 12 in. Length, 2.5 in. Inside Diameter.

1. Disconnect Battery.
2. Safely lift and support vehicle.
3. Remove rear wheels.

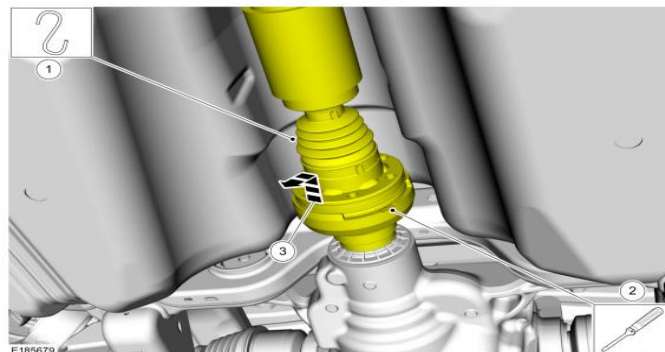
Rear Sub-frame

Removal

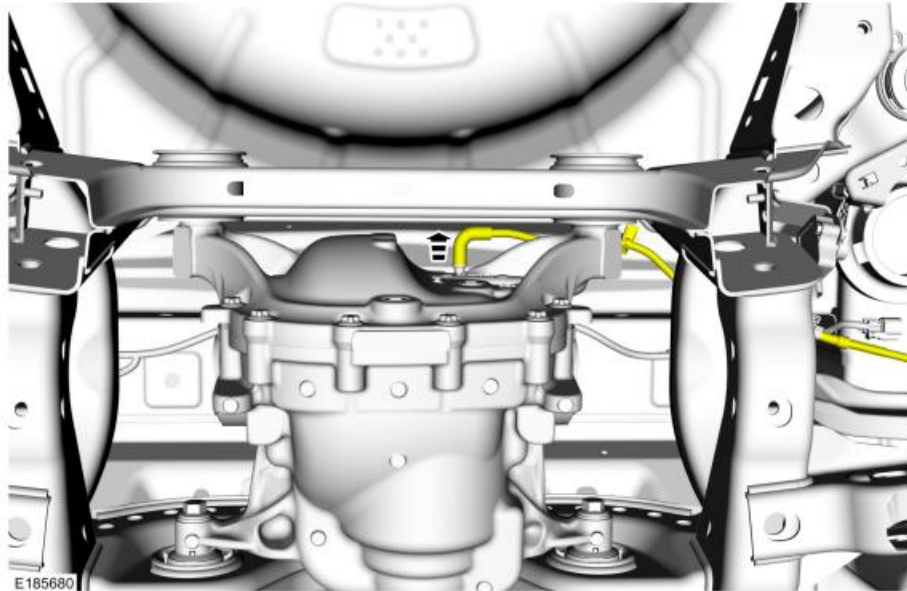
1. Remove the driveshaft-to-pinion flange bolts.



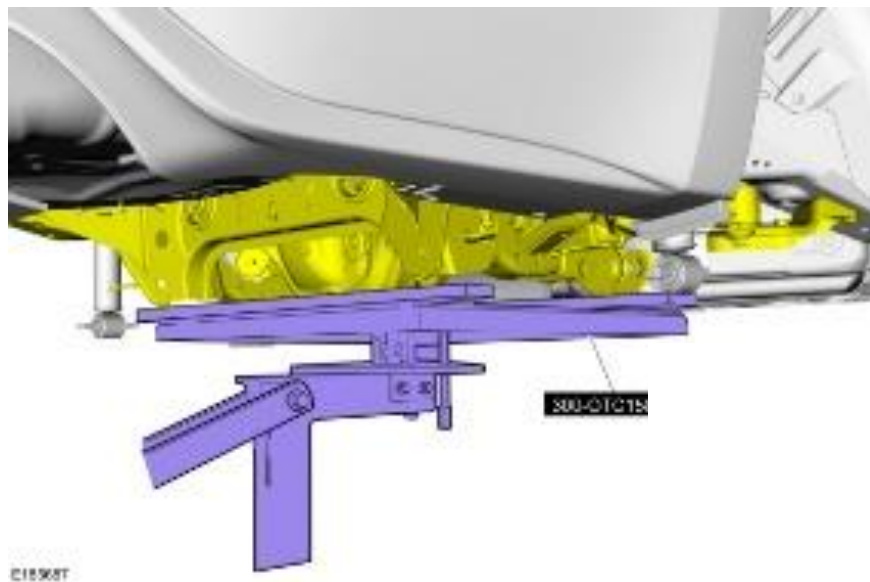
2.
 1. Support the driveshaft.
 2. Using a screwdriver inserted into the slot on the pinion flange, pry the driveshaft from the pinion flange.
 3. Separate the driveshaft from the pinion flange.



3. Disconnect the differential vent tube.

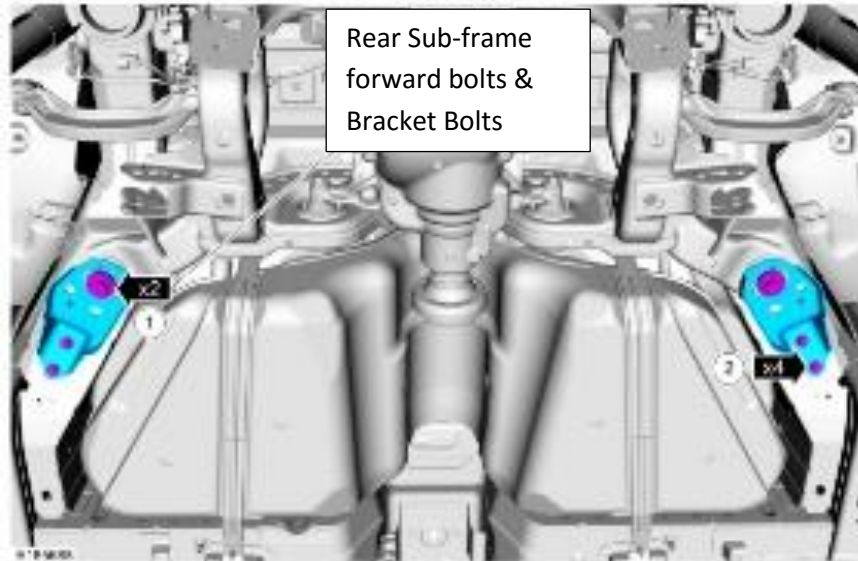


4. Undo rear caliper brake lines at the hard lines. Note: You will need to make new line from vehicle to new calipers.
5. Remove both upper shock bolts and upper shock mount from frame. (On both sides) Save upper bolt, they will be use on the new upper shock mounts.
6. Position a floor jack under the rear sub-frame.

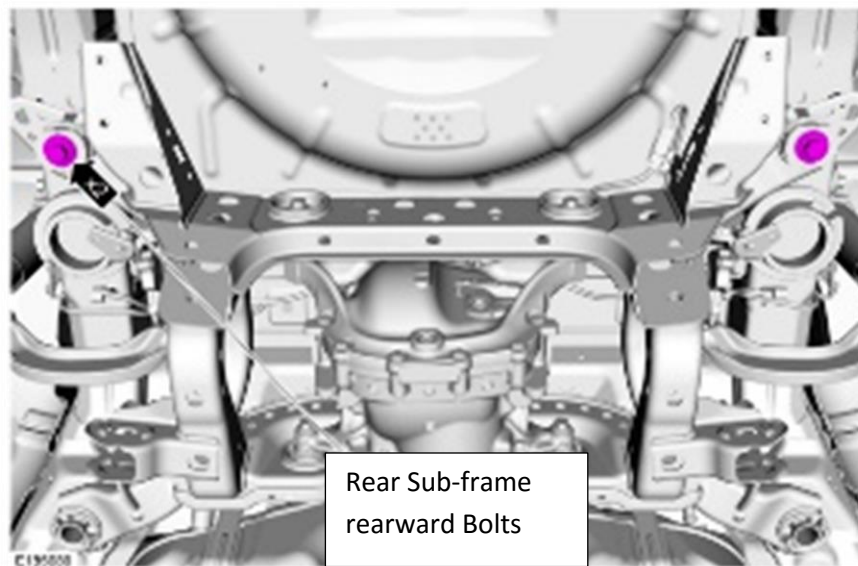


14. Remove the 2 rear sub-frame forward bolts.

Remove the 4 rear sub-frame bracket bolts, remove the brackets. These brackets are not be used on the new IRS.



15. Remove the 2 rear sub-frame rearward bolts.



16. Using the floor jack, lower the rear sub-frame from the vehicle.



17. With the frame out of the vehicle, remove the spring cups by cutting the spot weld. (Do not cut into frame rails)
Grind the remaining spot weld. (Flush with frame rail)

18. Repaint the bare metal areas.



19. Remove driver's side-wheel well cover.



20. Loosen hose clamp and remove the 2 bolts from the filler neck. Remove the filler neck, then cap fuel tank opening.



21. Unclip the vapor hose from the rear of fuel tank and move to side, this will be reinstalled once the IRS is installed.



22. Support the fuel tank and remove the two bolts from the fuel tank straps. Install the two stud provided with this kit. Double nut each stud to tighten into body of vehicle, then remove both nuts. (Short end into body)
Position straps onto studs.



23. Place new IRS under vehicle and align with the factory mounting points.



24. Raise IRS towards vehicle insure that you align the IRS with the two fuel tank straps studs.



25. Install all supplied bolts into IRS and hand tighten all bolts. (Use original washers)

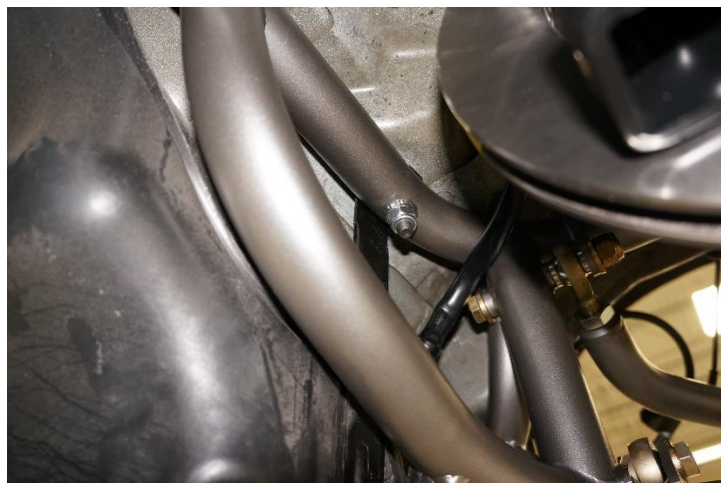
26. Torque all factory-mounting bolt to the following.

Sub frame mounting bolts 21mm heads 175 Nm / 129 lb ft

Sub frame mounting bolts 13 mm heads 55 Nm / 41 lb ft

27. Torque the fuel tank straps.

Fuel tank straps mounting bolts 13 mm heads 55 +/- 7.2 Nm



28. Install upper shock mounts. Shock mounting point to rear of vehicle.

