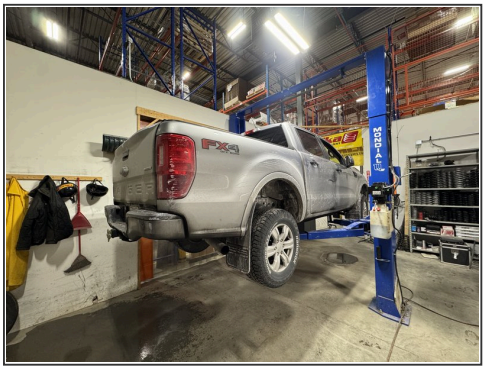
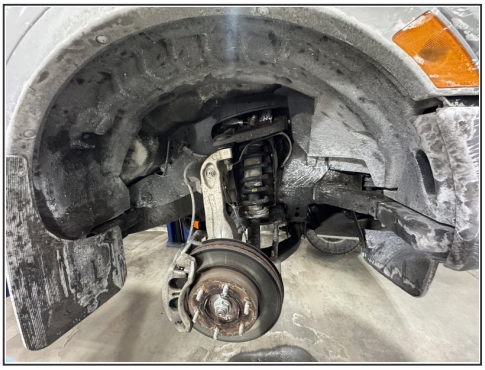
FORD RANGER 2019-2023

FLS-257013

Written By: Laurent Metivier

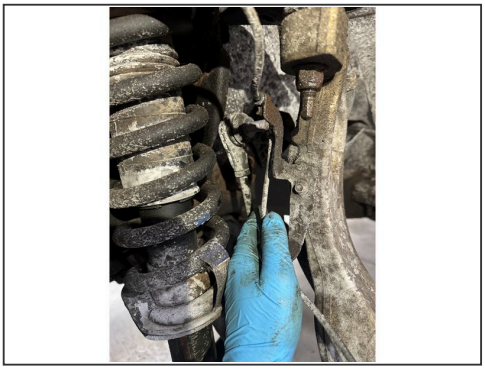


Step 1 — Removing OEM front shocks


- Lift the vehicle off the ground, then remove the wheels.
- Remove the bolt that holds the bracket that holds the brake line.

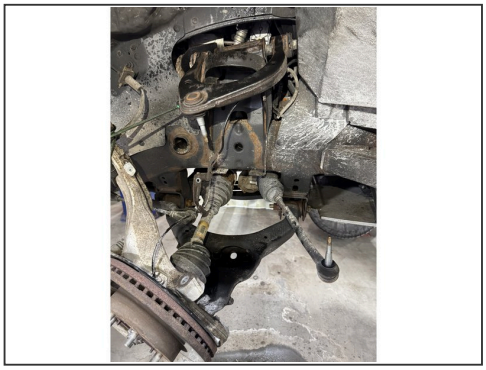
Step 2 — Removing OEM front shocks (continued)


- Remove the nut from the tie rod end.
- Remove the sway bar link.
- Remove upper arm ball joint nut and seperate it from steering knuckle.

Step 3 — Removing OEM front shocks (continued)





- Remove the 2 nuts from the lower shock mount.
- Remove the 3 nuts of the upper shock.
- Remove the shock from the vehicle.

Step 4 — Installing front brackets





- Remove the skid plate.
- Remove the bolt that hold the front cab support, on both sides.

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Step 5 — Installing front brackets (continued)





- Install the bracket as shown.
- The longer part of the bracket need to face the rear of the truck as show by the red arrow.
- Torque the bolt to 70 Ft-Lb using blue thread lock.
- Hold the bracket aligned with the frame while tightening the bolt.

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Step 6 — Installing Elka front shocks





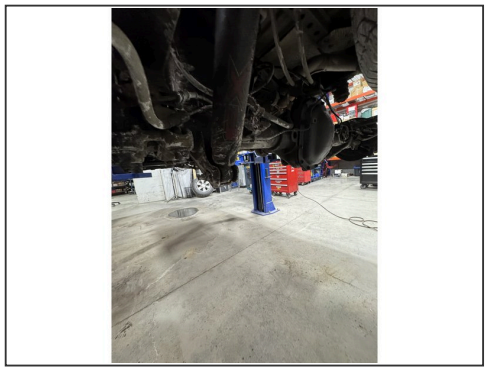
- Install the Elka shocks using provided lower and upper bolts. Hoses must face the front of the vehicle as shown.
- Install the 3 uppers bolts and torque to 35 Ft-Lb.
- Reinstall the lower pin bolts and torque to 50 Ft-Lb.
- Reassemble the upper arm ball joint nut, then torque the nut to 46 Ft-Lb
- Reassemble the tie rod end, then torque the nut to 32 Lb-Ft
- Reinstall the sway bar link, then torque the nut to 32 Lb-Ft
- Install the reservoir in the the bracket. When the reservoir is placed properly, torque bracket's bolts at 10 Ft-Lb.
- Reinstall the skid plate.

Step 7 — Installing Elka front shocks (continued)



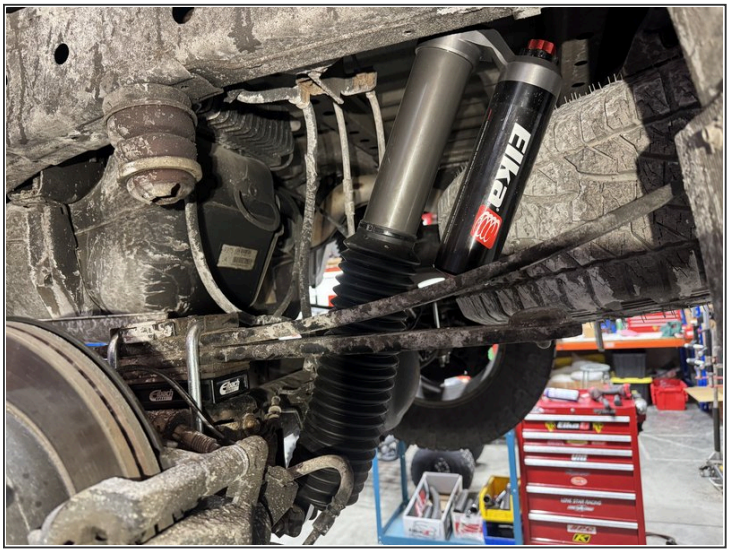

- **IMPORTANT** : Make sure the hose does not touch anything. If needed, rotate the reservoir in the bracket to clear the hose.
- **ALIGNMENT IS CRITICAL**: A professional alignment must be performed before driving this vehicle at highway speeds. Do not attempt to drive your vehicle after this install without having the alignment readjusted to factory specs.

Step 8 — Remove the rear OEM shock.


- Remove upper and lower bolts from OEM shocks. Keep OEM bolts to install Elka shocks.

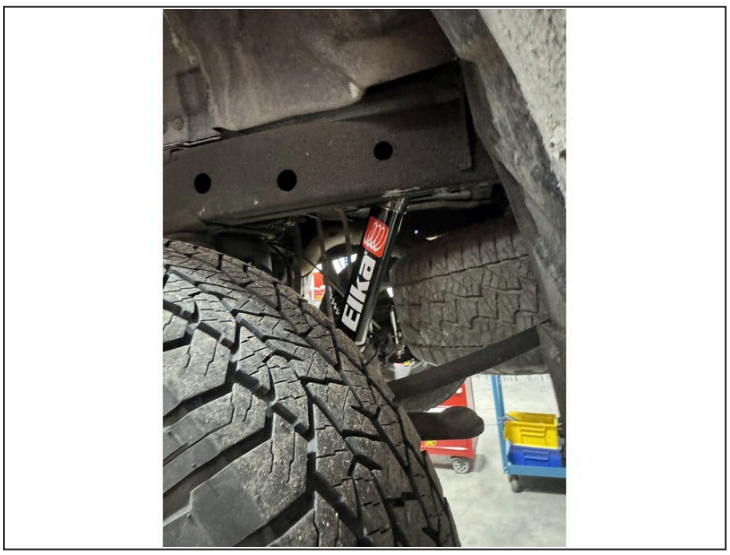
Step 9 — Installing rear Elka piggyback reservoir shock

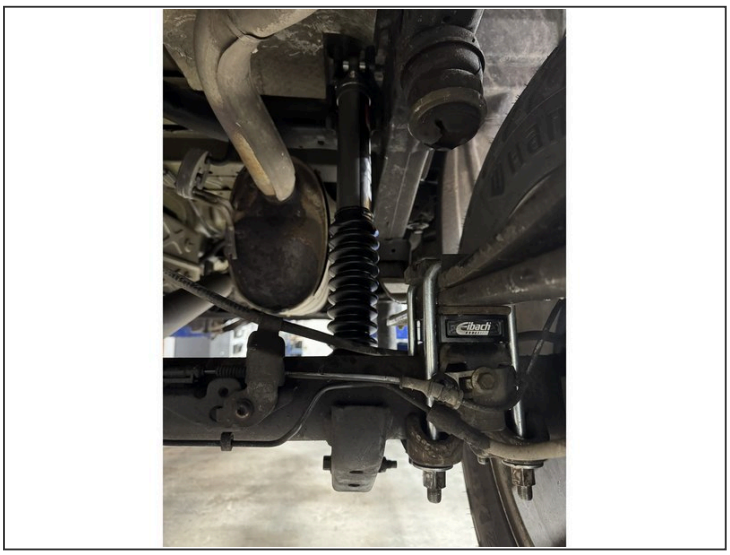




- Install rear shocks with the reservoir facing the rear of the truck on both side

Step 10 — Installing rear Elka 46 IFP shock





- Insert wisdom here