



2019+ Ford Ranger Front Differential Drop

Tools Needed:

- 24mm wrench
- 21mm wrench
- 18mm wrench
- 15mm wrench
- 1/8" Drill bit or close
- Step drill bit or 5/8" drill bit
- Drill

Parts List:

- (1) Differential Drop
- (1) M16 x 2.0 Nylock Nut
- (1) M16 Washer

Approximate Install Time: 1 Hours depending on skill and tools

Notes:

- Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported by safety stands and wheels are blocked.
- Never use impact wrenches or impact guns to install or remove shock absorber piston components, shafts and piston rod nuts

Installation:

- 1) Block the rear wheels, lift the front of the vehicle, and place on jack stands or use automotive lift
- 2) Remove the (4) 15mm skid plate bolts and remove skid plate to provide access to front differential

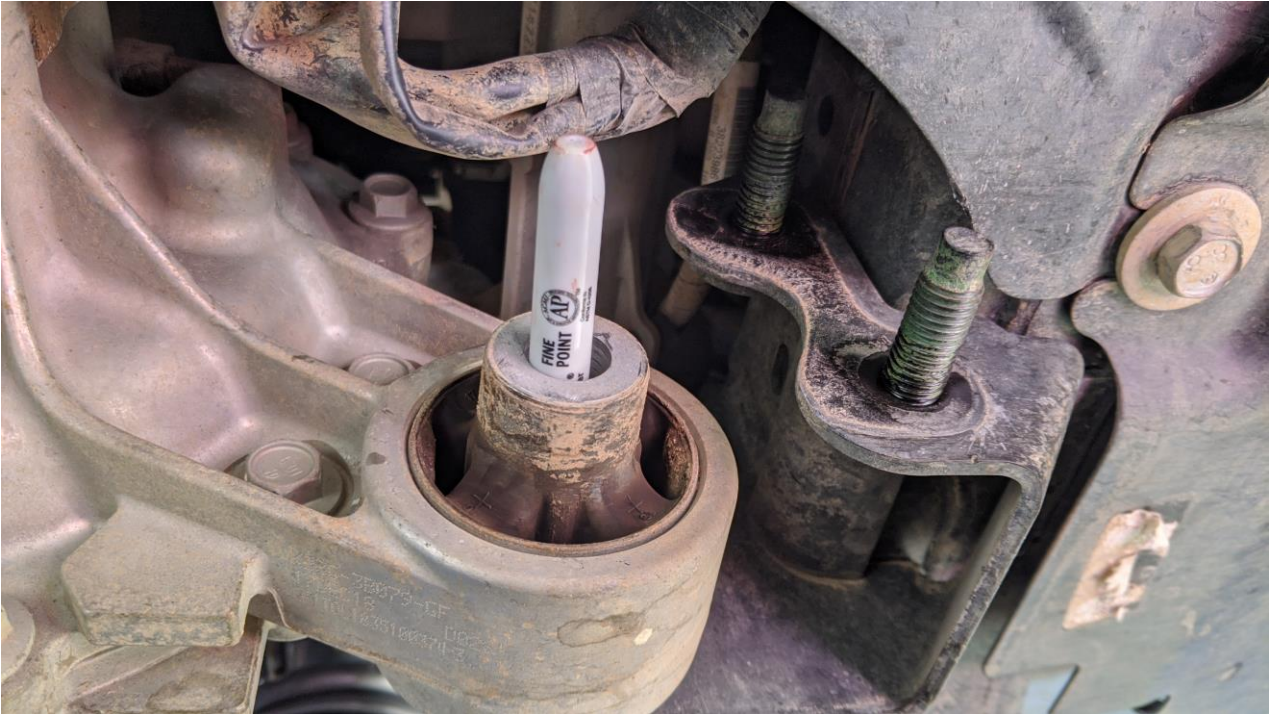
4) Loosen fasteners securing OEM differential mount, (2) 18mm nuts and one 21mm bolt



5) Remove OEM differential mount



6) Lower differential until bushing hole lines up with peak diff mount, use OEM bolt “backwards” in the new mount if necessary, then mark the new position into the fixed differential mount using a sharpie in circular pattern to create circle on OEM mount



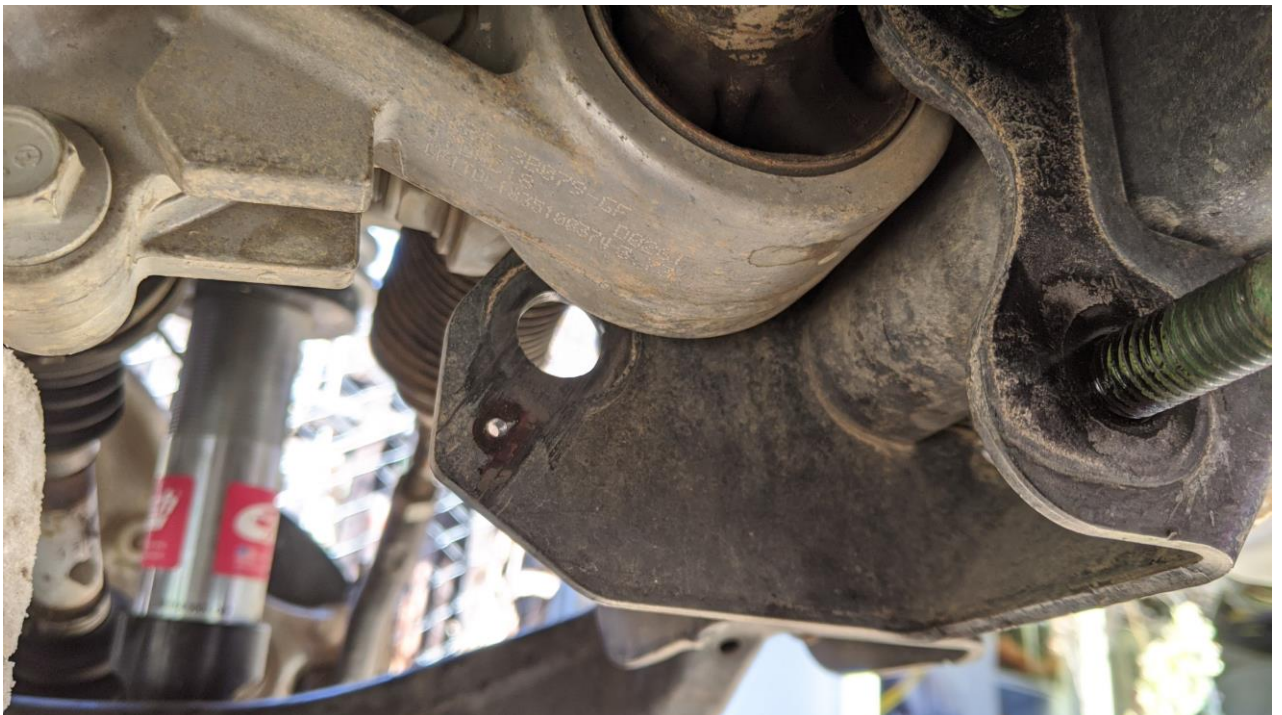
7) Swing the differential back up and out of the way so you can see the sharpie circle



8) Using a punch, mark the center of the sharpie circle and drill your pilot hole 1/8" drill bit or close will work



9) Pilot hole should be as shown below



10) Using step bit or similar, drill pilot hole out to 16mm (5/8" drill bit will get close)



11) Final hole will look as shown below



12) Line differential up with new hole



13) Insert OEM bolt from drivers side



15) Passenger side will look like below



16) Slide differential drop onto studs/bolt. Reusing OEM 18mm nuts and provided M16 washer/nut for the bolt

17) Tighten all 3 fasteners and torque to spec

(1) M16 Bolt torque to 195 lb.ft

(2) 18mm nuts torque to 66 lb.ft

18) Recheck all bolts after 100 miles of driving

Enjoy!

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Furthermore, this Release shall be binding upon the undersigned, and his respective heirs, executors, administrators, personal representatives, successors and assigns. This Release shall be subject to and governed by the laws of the State of California.

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