

DEF Tank Relocation

Dodge Ram | 2019-2022 3500 4WD Pickup | 2019-2022 2500 4WD Pickup

Part #: 122409

Rev. 083122



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SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRE-INSTALLATION NOTES

1. This kit is designed to create clearance between the DEF Tank crossmember and the Transfer Case once indexed on a vehicle with a 8-bolt Aisin Transmission with a Mega Cab or/and Dually rear axle.

INSTALLATION INSTRUCTIONS

2. Park the vehicle on clean flat and level surface. Block the rear wheels for safety.
3. Remove the two bolts on top of the DEF tank crossmember securing the exhaust mount. (Fig. 1)

FIGURE 1



4. Support the DEF tank crossmember with a jack. Loosen the two bolts holding the crossmember to the frame on the passenger side, but do not remove.
5. Remove the driver side crossmember bolts (4X). (Fig. 2)

FIGURE 2

Bill of Materials - 122409		
Part #	Qty	Description
05188	2	DEF Tank Drop Bracket
03819	2	Sleeve
395	1	Bolt Pack
	2	3/8"-16 Nylock Nut
	2	3/8" Fender Washer
	2	8mm-1.25 x 30mm Bolt
	2	5/16" USS Washer



6. Lower the jack supporting the cross member. This will lower the driver side only. Ensure you don't over extend the DEF tank filler neck. Install the provided brackets so the stud goes through the bottom hole of the cross member. (Fig. 3)

FIGURE 3



7. Raise the crossmember back up by lifting the jack. Align the top hole of the bracket with the top hole in the frame. While aligning the bottom hole of the bracket with the bottom hole of the frame and top hole of the crossmember. (Fig. 4) Fasten with OE hardware. Torque all OE hardware driver and passenger side to 35 ft-lbs. New nuts and fender washer are provided in bolt pack 395 for the stud. Torque to 30 ft-lbs.

FIGURE 4



8. Install the provided spacers between the exhaust mount and crossmember use the provided 8mm bolts and 5/16" washers to fasten down the exhaust mount. Torque to 192 in-lbs.

FIGURE 4



POST-INSTALLATION

9. Recheck all hardware, check again at 500 miles, and again at regularly scheduled maintenance intervals.