

Frame and Body Mounting

The frame consists of 2 steel channel rails, a front crossmember, a transmission support crossmember and mid and rear welded crossmembers.

Frame repair kits are available for the frame components listed below: Instruction Sheets for each service part (found in the service part packaging) are included with the service part.

F 150

Frame repair kits:

Component	Instruction Sheet Number
4WD LH Front Differential Bracket Replacement	SKFL34-39510-AC
Center Bearing Bracket Replacement	SKFL34-5F057-AB
Compatibility Bracket Replacement	SK-FL34-5K057-CA
Front Bumper Mounting Bracket Replacement	SK-FL34-17N775-AB
Front Frame Replacement Section	SKFL34-5E029-AE
Front Frame Rail Replacement	SKFL34-5D058-AC
Front Lower Control Arm Mounting Bracket	SK-FL34-5F057-DB
Rear Bumper Mounting Bracket Replacement	SK-FL34-17D983-AA
Rear Frame Replacement Section	SKFL34-5F040-AB
Rear Spring Front Hanger Bracket Replacement	SK-FL34-5B901-AB
Rear Spring Shackle Bracket Replacement	SK-FL34-5B904-AB
Transmission Crossmember Replacement - All Frames	SK-FL34-7H474-AB
#1B Crossmember Replacement	SK-FL34-5L005-AB

Park Brake Bracket Replacement	SK-JC34-2B698-AA
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F 150-Raptor

Frame repair kits:

Component	Instruction Sheet Number
4WD LH Front Differential Bracket Replacement	SK-FL34-39510-AB
Front Bumper Mounting Bracket Replacement	SK-FL34-17N775-AB
Front Frame Replacement Section	SK-FL34-5C145-AA
Front Frame Rail Replacement	SK-FL34-5D058-AA
Front Lower Control Arm Mounting Bracket	SK-FL34-5F057-DB
Rear Bumper Mounting Bracket Replacement	SK-FL34-17D983-AB
Rear Frame Replacement Section	SK-FL34-5F040-AA
Rear Spring Front Hanger Bracket Replacement	SK-FL34-5B901-AB
Rear Spring Shackle Bracket Replacement	SK-FL34-5B904-AB
Transmission Crossmember Replacement - All Frames	SK-FL34-7H474-AB
Front Frame Stub Replacement Section	SK-FL34-5E029-AA
#1B Crossmember Replacement	SK-FL34-5L005-AB

The SuperCrew frames also contain brackets fore and aft of front wheel and tire assembly on the front frame rails, which are designed to stabilize the tire and wheel assembly in the event of collision damage.

For frame dimensional information, refer to
 For additional information, refer to: Body and Frame (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks) .

Body Mounts

The body support mounts:

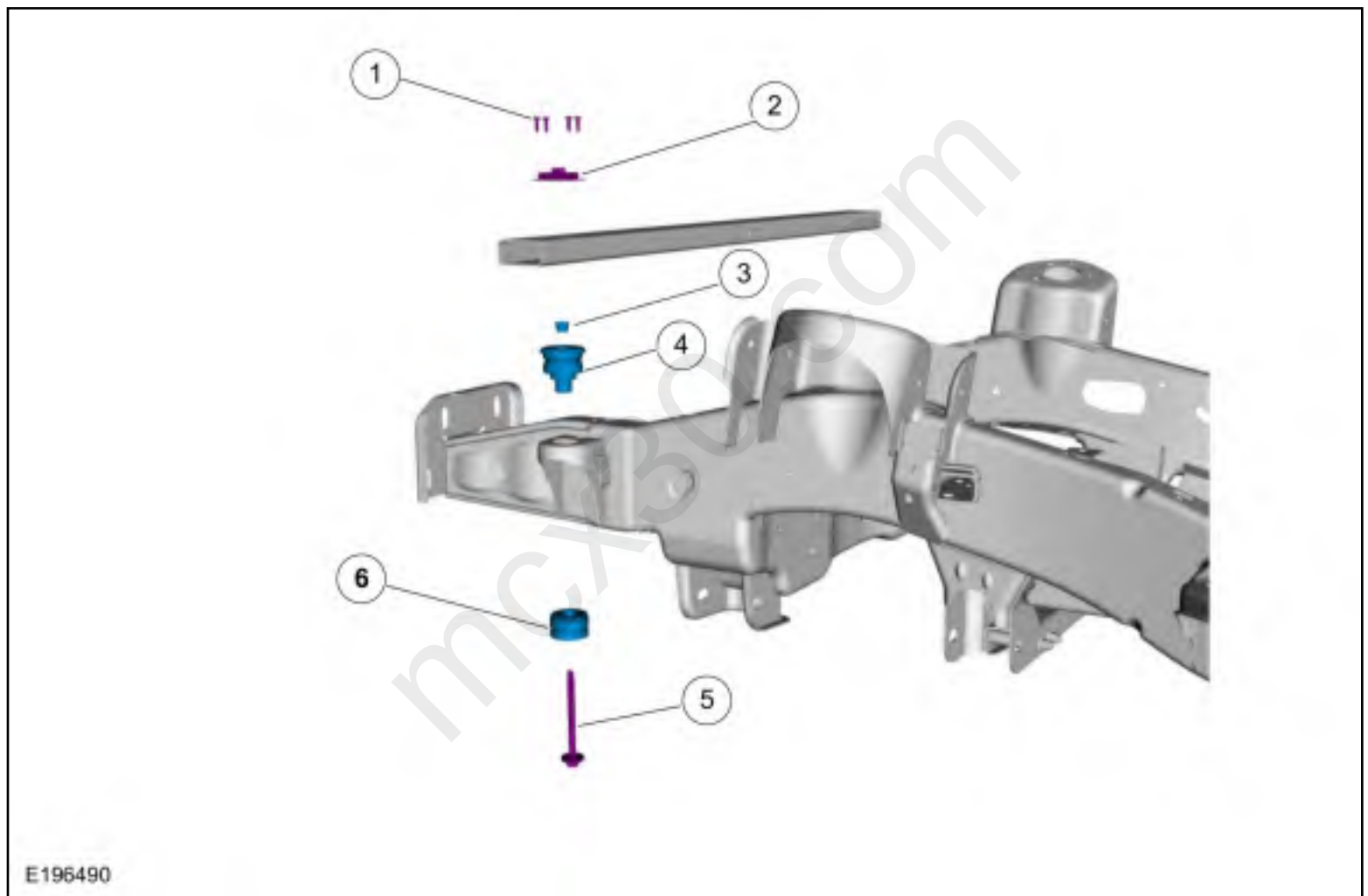
- secure the body to the frame.

- cannot be lubricated during body support mount installation

NOTE: *Body fasteners are reusable if the following steps are followed:*

- Body bolt threads must be cleaned of thread sealer by using a wire wheel or wire brush.
- Apply a new treatment of threadlock sealer to the body bolt threads.
- Body retainer cage nuts must be serviced as an assembly.
- Refer to the following illustrations for body mount torque values.

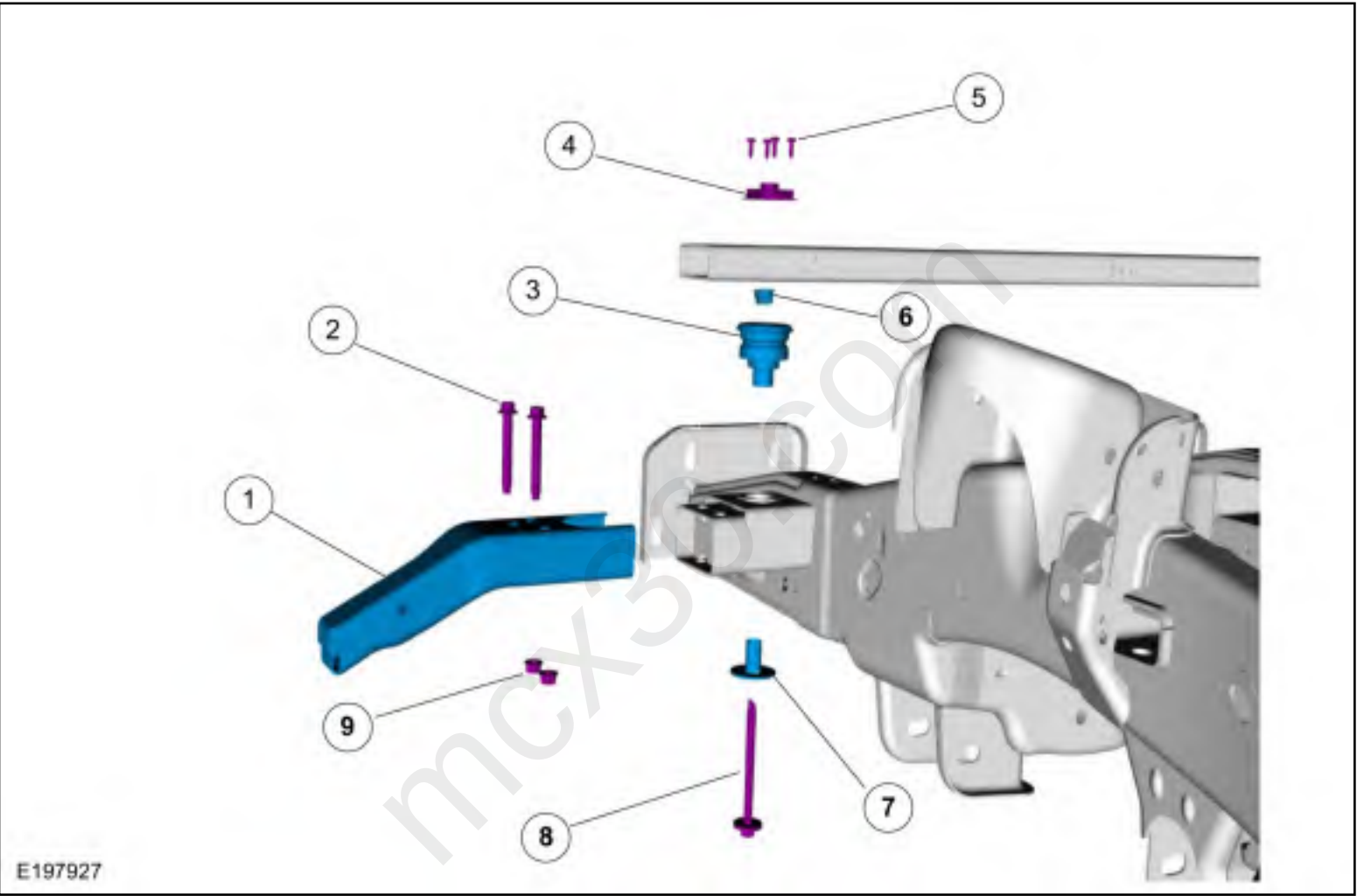
Front End Sheet Metal (FESM) Body Mount LH/RH



Item	Description	Torque
1	Body retainer cage nut rivet (4 required)	—
2	Body retainer cage nut	—
3	Cap	—

4	Upper insulator	—
5	Body mount bolt	80 Nm (59 lb-ft)
6	Lower insulator	—

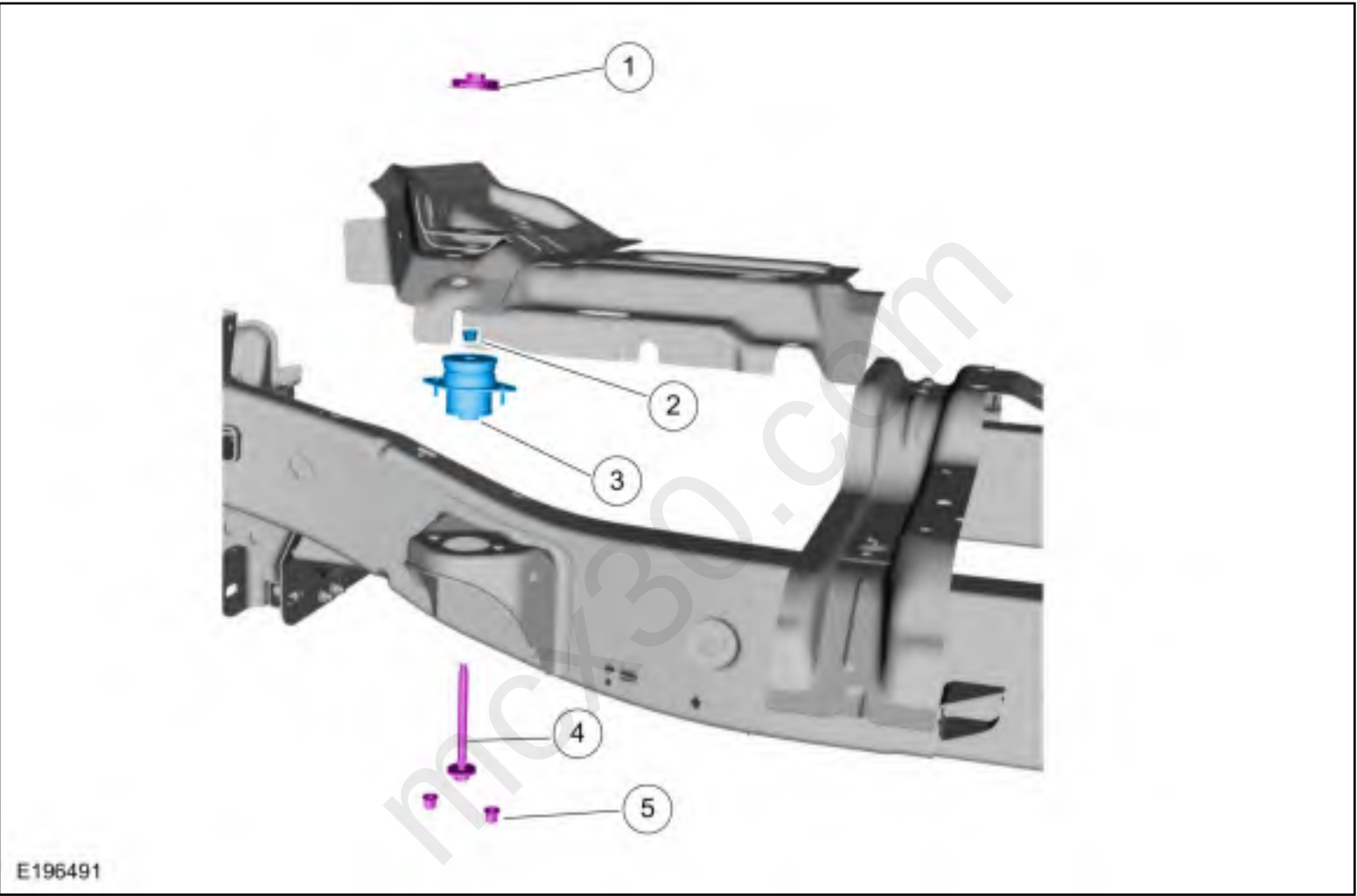
Front End Sheet Metal (FESM) Body Mount SuperCrew LH/RH



Item	Description	Torque
1	Bracket	—
2	Bracket bolt (2 required)	—
3	Upper insulator	—
4	Body retainer cage nut	—
5	Body retainer cage nut rivet (4 required)	—
6	Cap	—

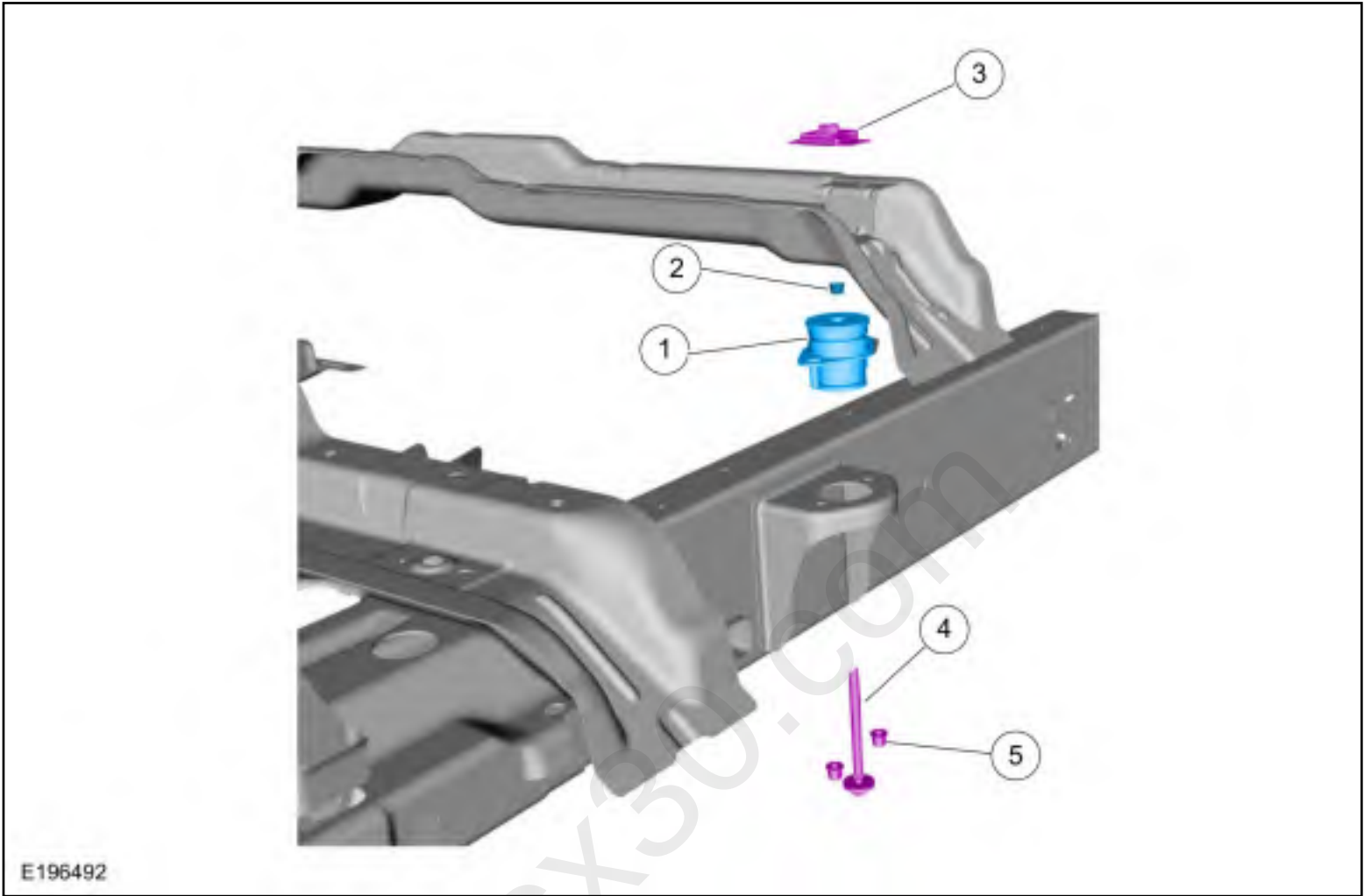
7	Retainer	
8	Body mount bolt	80 Nm (59 lb-ft)
9	Bracket nut (2 required)	103 Nm (76 lb-ft)

Body Mount — No. 1 (LH/RH All Cabs)



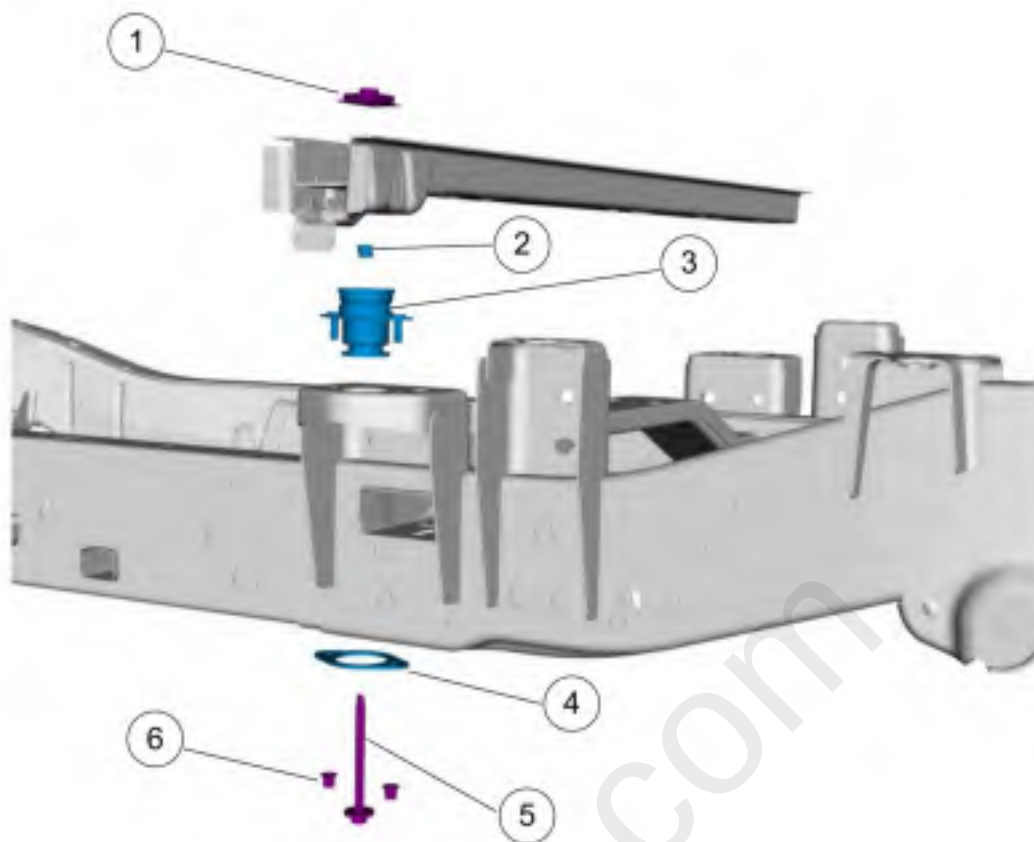
Item	Description	Torque
1	Body retainer cage nut	—
2	Cap	—
3	Body mount	—
4	Body mount bolt	115 Nm (85 lb-ft)
5	Body mount nut (2 required)	62 Nm (46 lb-ft)

Body Mount — No. 2, (LH/RH Super Cab and SuperCrew)



Item	Description	Torque
1	Body mount	—
2	Cap	—
3	Body retainer cage nut	—
4	Body mount bolt	115 Nm (85 lb-ft)
5	Body mount nut (2 required)	62 Nm (46 lb-ft)

Body Mount — No. 2, (LH/RH Regular Cab)

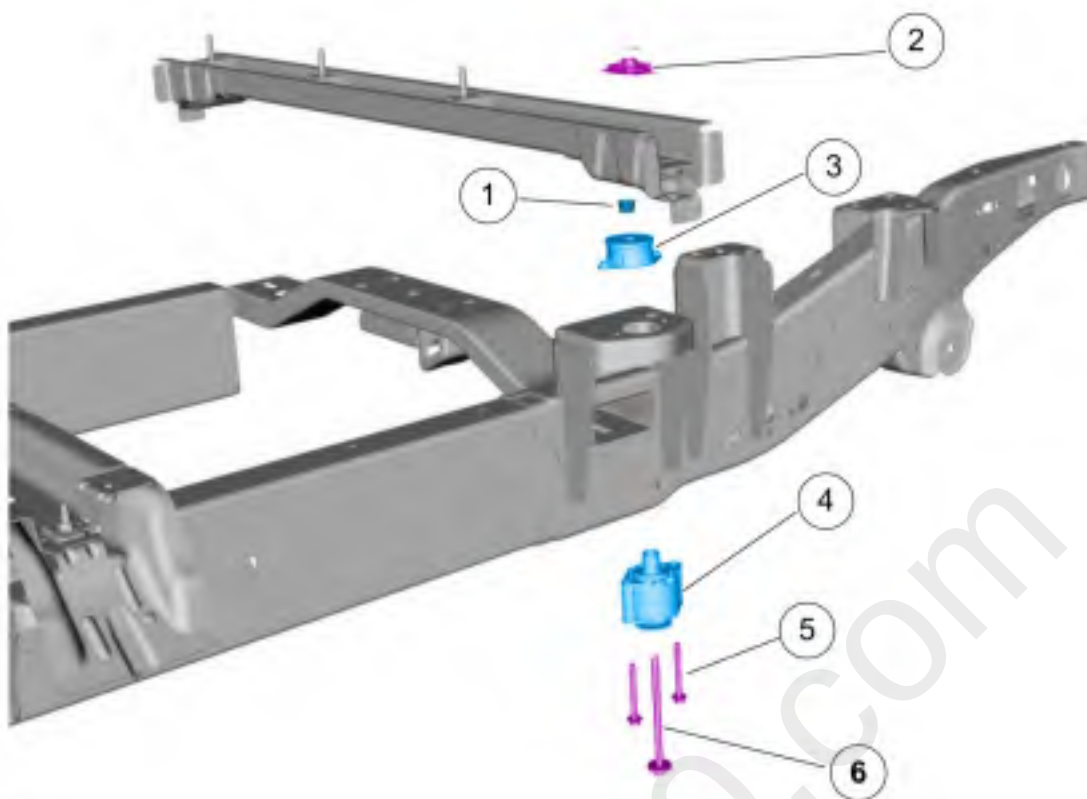


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Item	Description	Torque
1	Body retainer cage nut	—
2	Cap	—
3	Body mount	—
4	Plate	—
5	Body mount bolt	115 Nm (85 lb-ft)
6	Body mount nut (2 required)	62 Nm (46 lb-ft)

Body Mount — No. 3, Hydraulic (LH/RH Super Cab and SuperCrew)

NOTE: *with hydraulic mounts.*



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Item	Description	Torque
1	Cap	—
2	Body retainer cage nut	—
3	Body mount upper	—
4	Hydraulic body mount	—
5	Body mount bolt (2 required)	62 Nm (46 lb-ft)
6	Body mount bolt	115 Nm (85 lb-ft)