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Engine Crossmember Instructions

1. Park the truck on level ground with equal tire pressures to help ensure the frame rails are square.
2. Unbolt factory engine crossmember from motor-mount boxes.
3. Remove factory frame rivets using method of choice. Cutting torch, air chisel, and grinders can be used. Watch for fuel lines and wiring. Think safety.
4. If the engine is installed, the factory crossmember may need to be cut to remove from below.
5. The ORD crossmember bolts to the frame with three bolts on each side. The center hole on the passenger side, and the front two holes on the driver side will need to be drilled in your frame. The existing frame holes may need a 7/16" drill ran through them.
6. When bolting in ORD crossmember, 7/16" frame bolts may need to be tightened before the 3/8" motor mount bolts will line up. As with any install, try to insert all required bolts before completely tightening any.
7. Torque 7/16" grade 8 (or Tuff Torque) nuts to 38 ft-lb. Torque grade 5 3/8 bolts with nylock nuts to 31 ft-lb.



As always, if you have questions, call us and we'll do what we can to sort it out.