

Rear Shock Absorber Upper Bracket RH - Raptor

Special Tool(s) / General Equipment

Grinder
MIG/MAG Welding Equipment
Locking Pliers

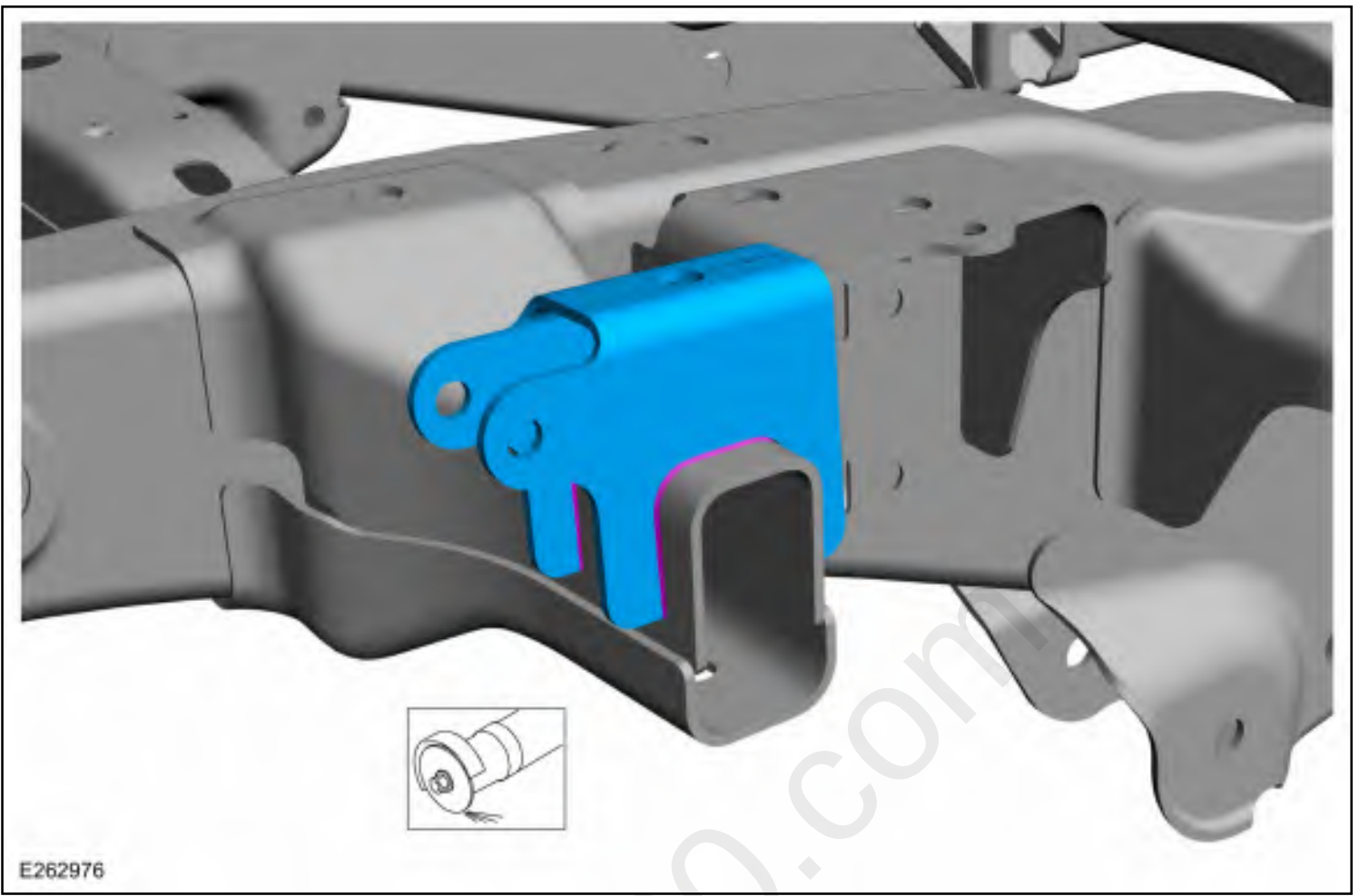
Removal

1. Restore the vehicle to manufacturer's dimensions.
Refer to: [Body and Frame](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, Description and Operation).
2. Remove the following items:
 1. Remove the wheel and tire.
Refer to: [Wheel and Tire](#) (204-04A Wheels and Tires, Removal and Installation).
 2. Remove the rear shock absorber.
Refer to: [Rear Shock Absorber - Raptor](#) (204-02 Rear Suspension, Removal and Installation).
 3. Unbolt the body mount bolts and raise or remove the body if required.

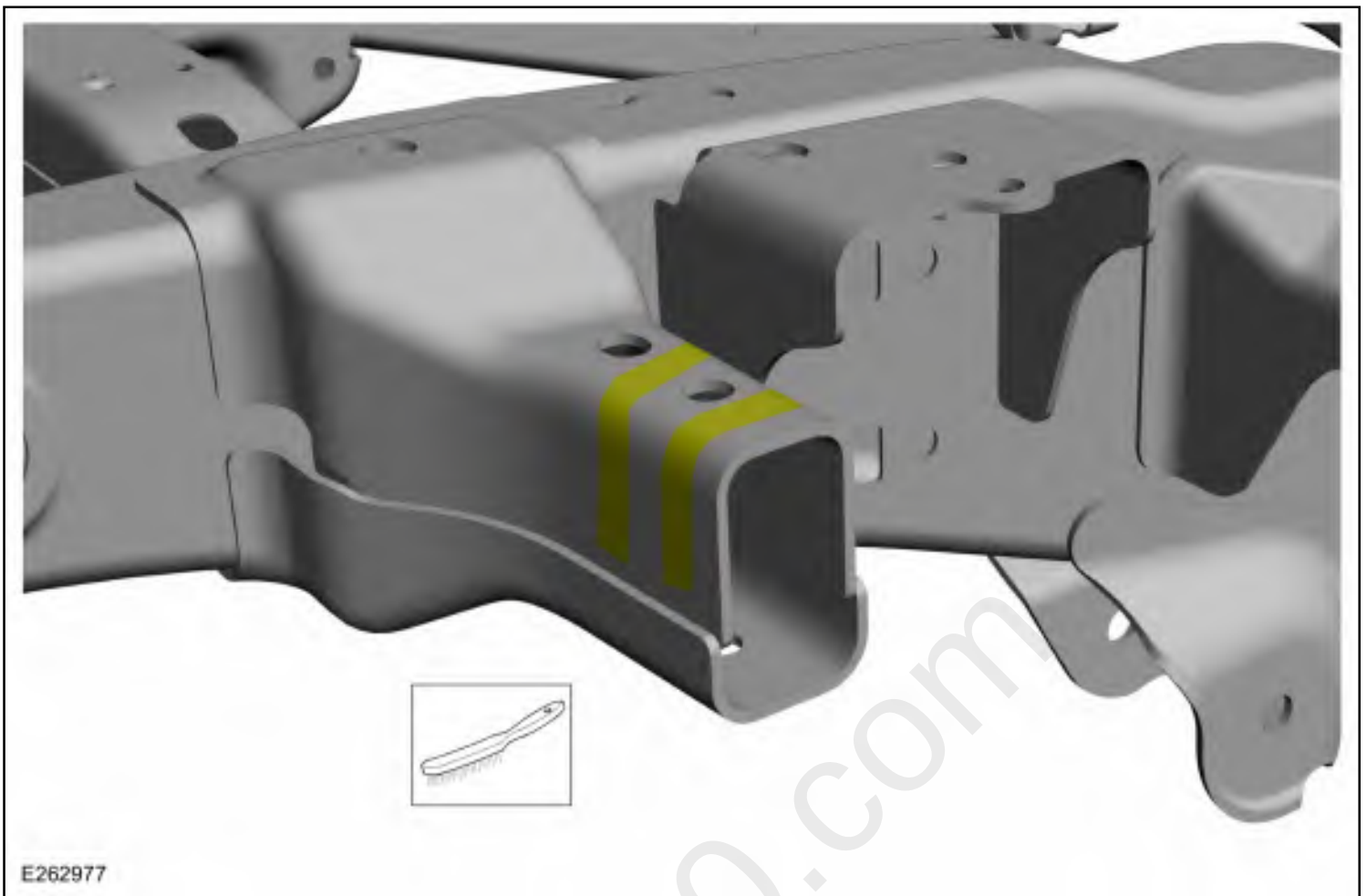
Refer to: Frame and Body Mounting (502-02 Full Frame and Body Mounting) .
3. Anchor the vehicle to a frame rack following the equipment manufacturer's instructions.
4. **NOTE:** *Be careful not to cut into the frame cross member, it will be reused.*

Grind the welds holding the rear shock absorber bracket to the frame and remove the rear shock absorber bracket.

Use the General Equipment: Grinder

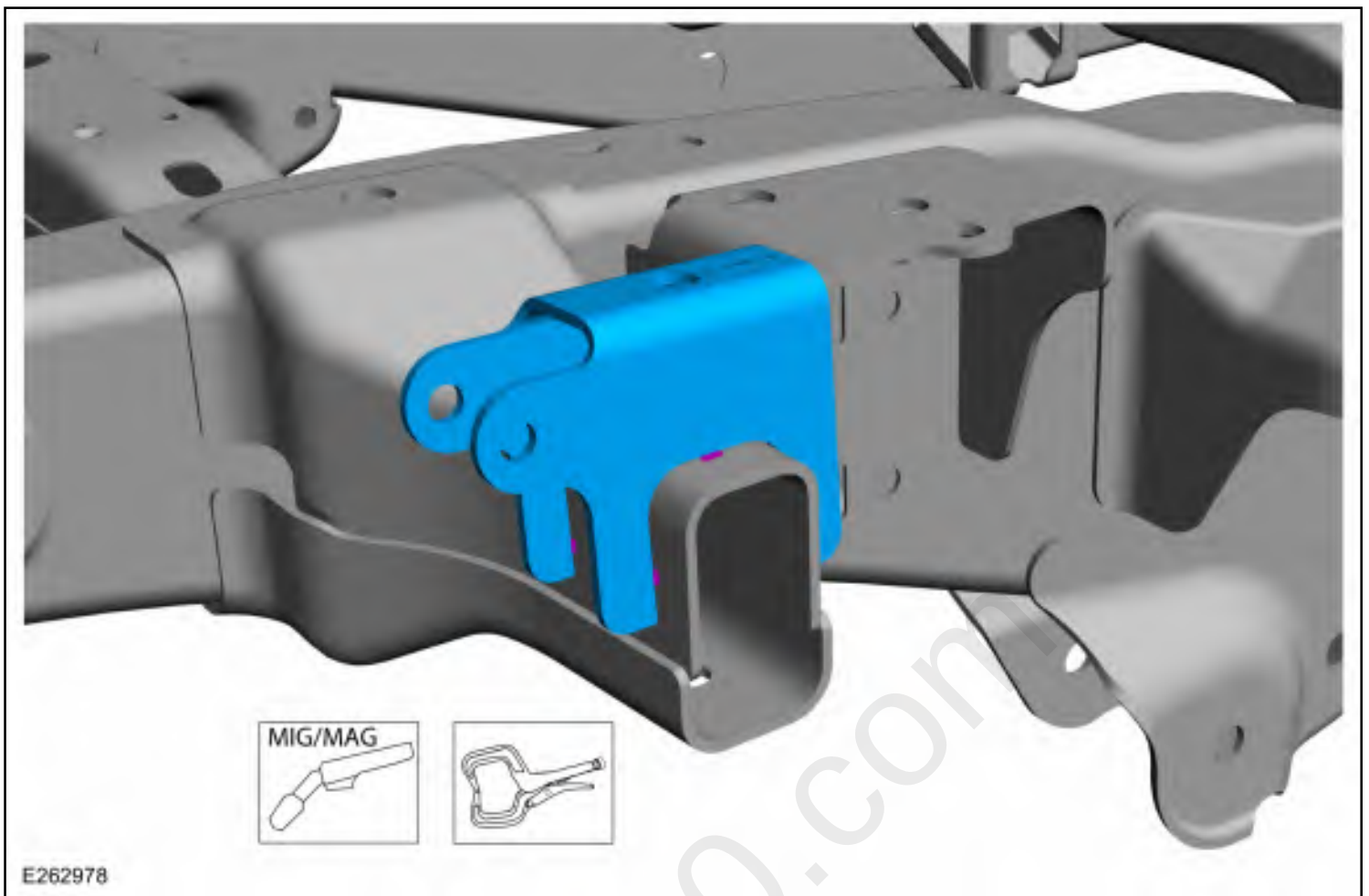


5. Clean the areas of the frame where the welds were ground.

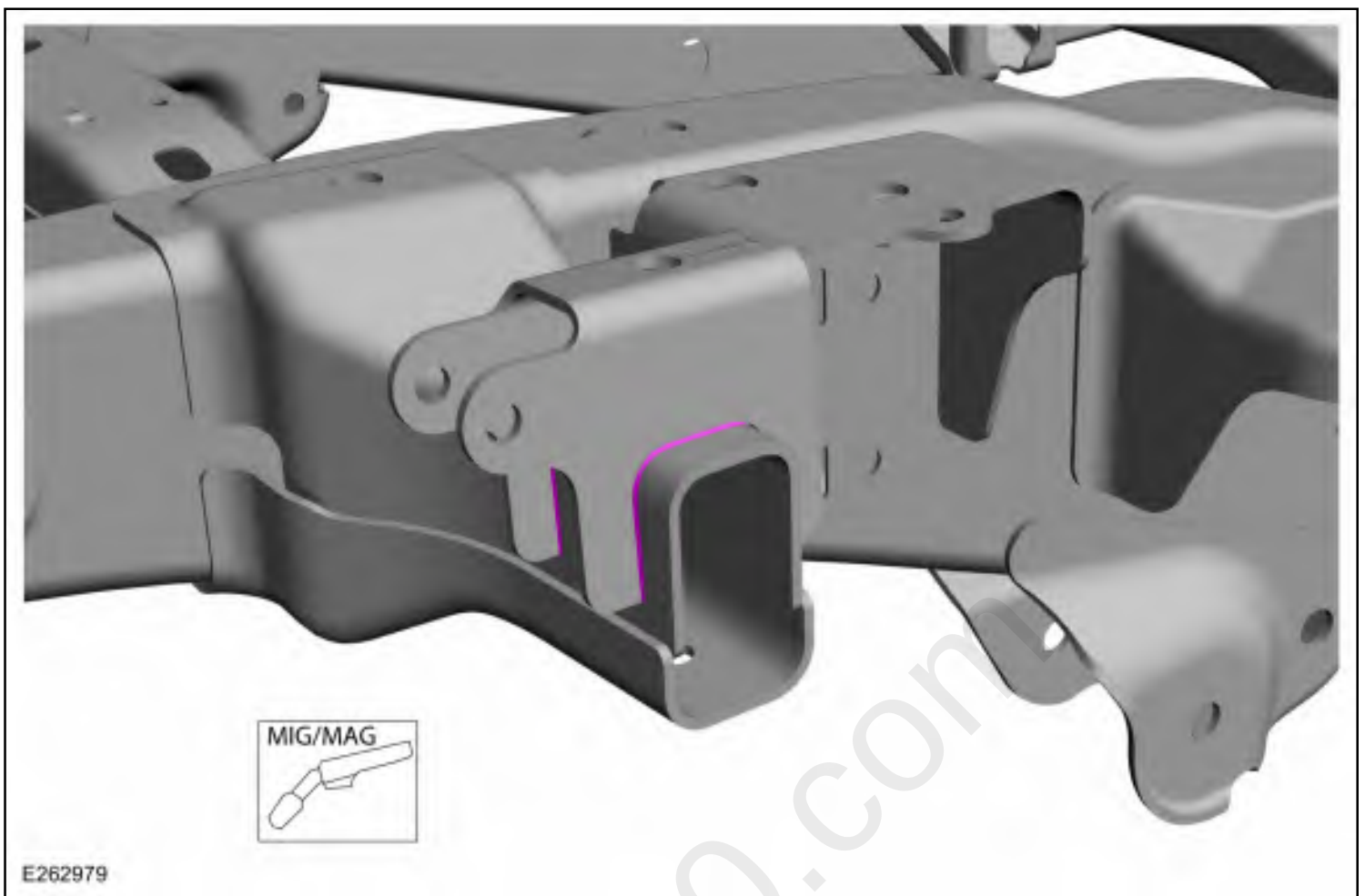


Installation

1. Refer to: [Joining Techniques](#) (501-25 Body Repairs - General Information, General Procedures).
2. Loosely clamp the replacement bracket in a preliminary position. Perform measurements to verify proper placement of the new bracket, then clamp firmly into position.
 - With all measurements verified and the new bracket in proper position, tack-weld the new bracket in place to the frame crossmember.
Use the General Equipment: MIG/MAG Welding Equipment
Use the General Equipment: Locking Pliers



3. Re-check measurements, then solid weld the bracket to the frame crossmember.
Use the General Equipment: MIG/MAG Welding Equipment



4. Metal finish the repair area using typical metal finishing techniques.
5. Restore corrosion protection.
Refer to: [Corrosion Prevention](#) (501-25 Body Repairs - General Information, General Procedures).
6. Install the rear shock absorber.
Refer to: [Rear Shock Absorber - Raptor](#) (204-02 Rear Suspension, Removal and Installation).
7. Install the wheel and tire.
Refer to: [Wheel and Tire](#) (204-04A Wheels and Tires, Removal and Installation).