

Front Lower Control Arm Bracket

Special Tool(s) / General Equipment

Grinder
8 mm Drill Bit
MIG/MAG Welding Equipment
Locking Pliers

Removal

1. Restore the vehicle to manufacturer's dimensions if required.
Refer to: [Body and Frame](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, Description and Operation).

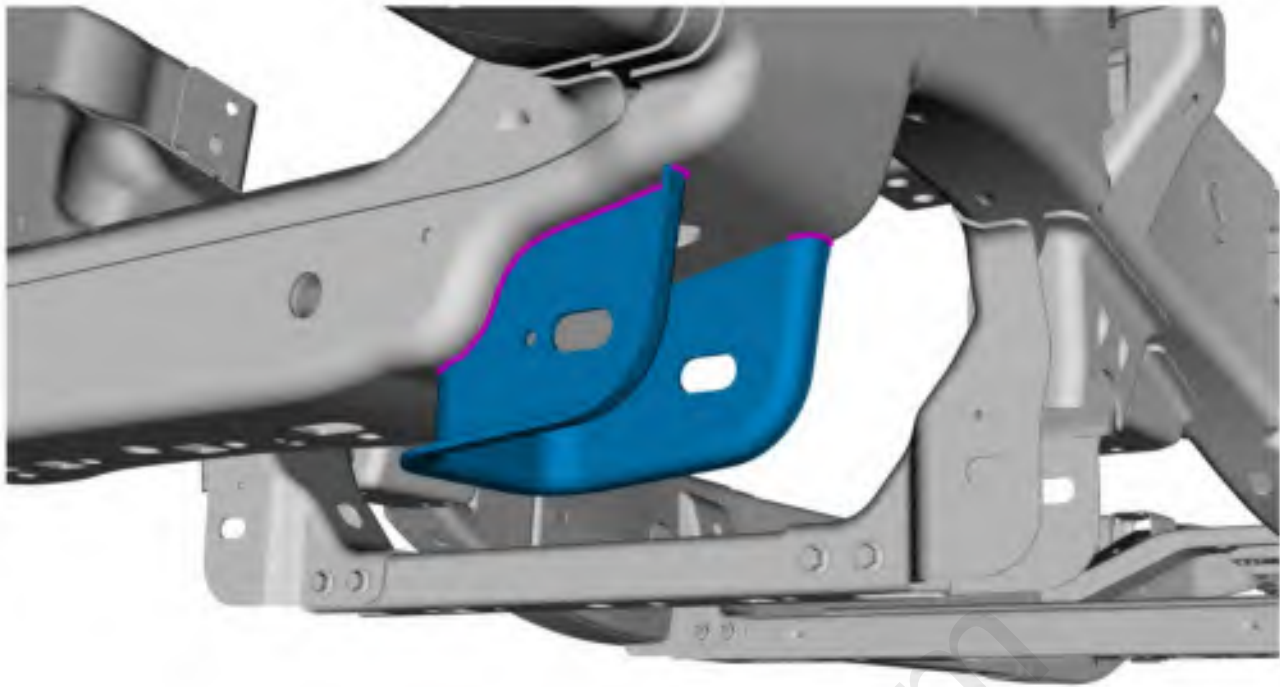
NOTE: *The frame mounted lower control arm brackets are retained to the frame #1 crossmember by welds.*

NOTE: *LH side shown, RH side similar.*

2. Remove the lower control arm from the affected side if equipped with 2WD.
Refer to: [Lower Arm](#) (204-01A Front Suspension - RWD, Removal and Installation).
3. Remove the lower control arm from the affected side if equipped with 4WD
Refer to: [Lower Arm](#) (204-01B Front Suspension - 4WD, Removal and Installation).
4. **NOTE:** *Be careful not to cut into the frame cross member, it will be reused.*

Grind the welds holding the front lower control arm mounting bracket to the frame, and remove the control arm bracket.

- Clean the areas of the frame where the welds were ground.
Use the General Equipment: Grinder

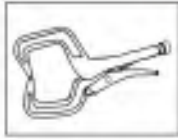
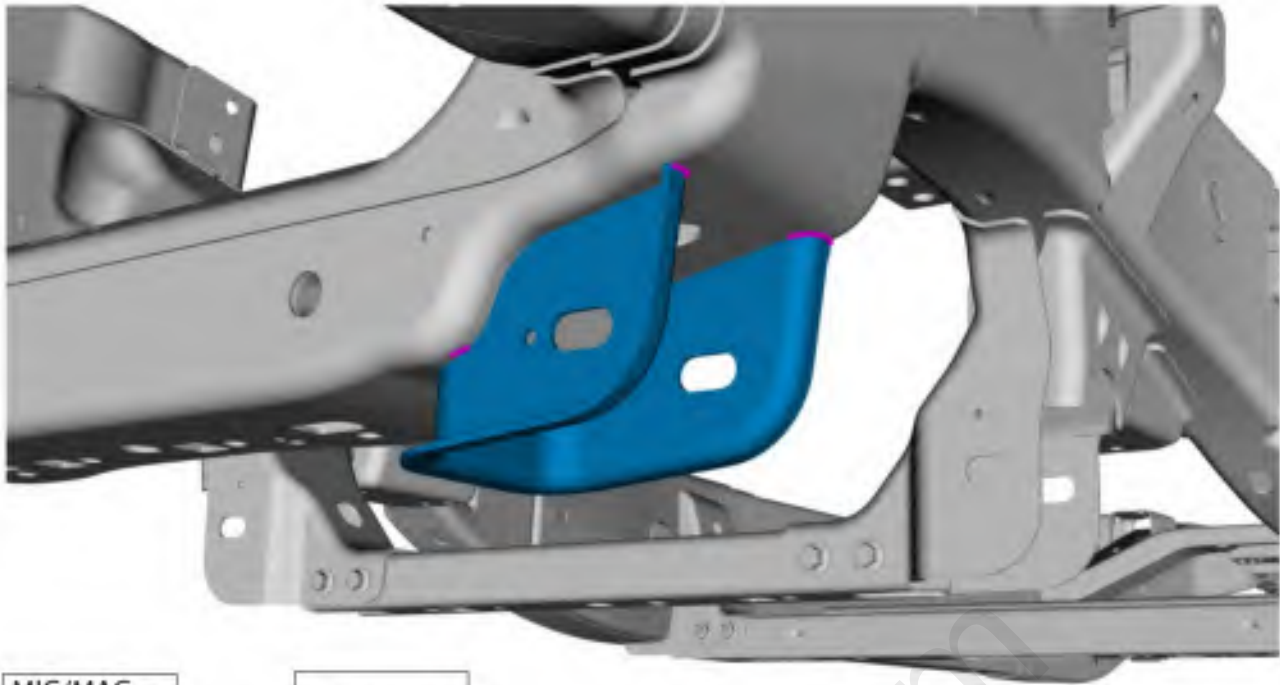


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Installation

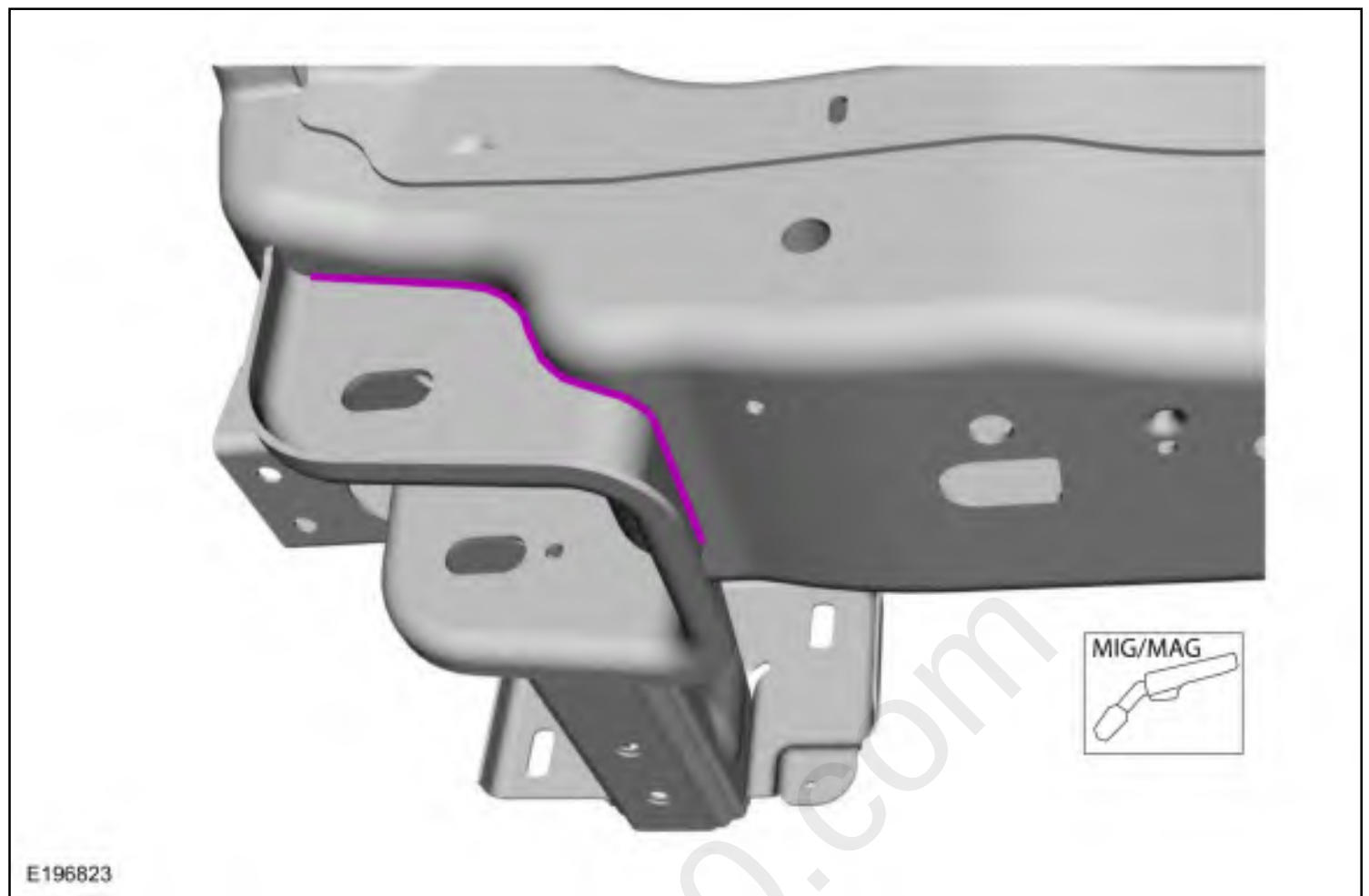
1. Refer to: [Joining Techniques](#) (501-25 Body Repairs - General Information, General Procedures).
2. Loosely clamp the replacement bracket in a preliminary position. Perform measurements to verify proper placement of the new bracket, then clamp firmly into position.
 - With all measurements verified 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



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



4. **NOTE:** *The bracket is supplied without the lower control arm mounting holes present. It is intended that the required holes be added to the bracket after the bracket is installed to the frame cross member and proper measurements have been made to properly position the required holes on the bracket.*

Drill the control arm bracket mounting holes.
Use the General Equipment: 8 mm Drill Bit



5. Metal finish the repair area using typical metal finishing techniques.
6. Restore corrosion protection.
Refer to: [Corrosion Prevention](#) (501-25 Body Repairs - General Information, General Procedures).
7. Install the lower control arm from the affected side if equipped with 2WD.
Refer to: [Lower Arm](#) (204-01A Front Suspension - RWD, Removal and Installation).
8. Install the lower control arm from the affected side if equipped with 4WD.
Refer to: [Lower Arm](#) (204-01B Front Suspension - 4WD, Removal and Installation).