



# E30 Rollbar Installation

**(Instructions are specific to Coupe)**

Please contact KinematicSpeed with any questions during installation and we'll do all we can to assist.

Email, call or text:

[support@kinematicspeed.com](mailto:support@kinematicspeed.com)

803-917-3248

Congratulations on your investment in safety and ergonomics!

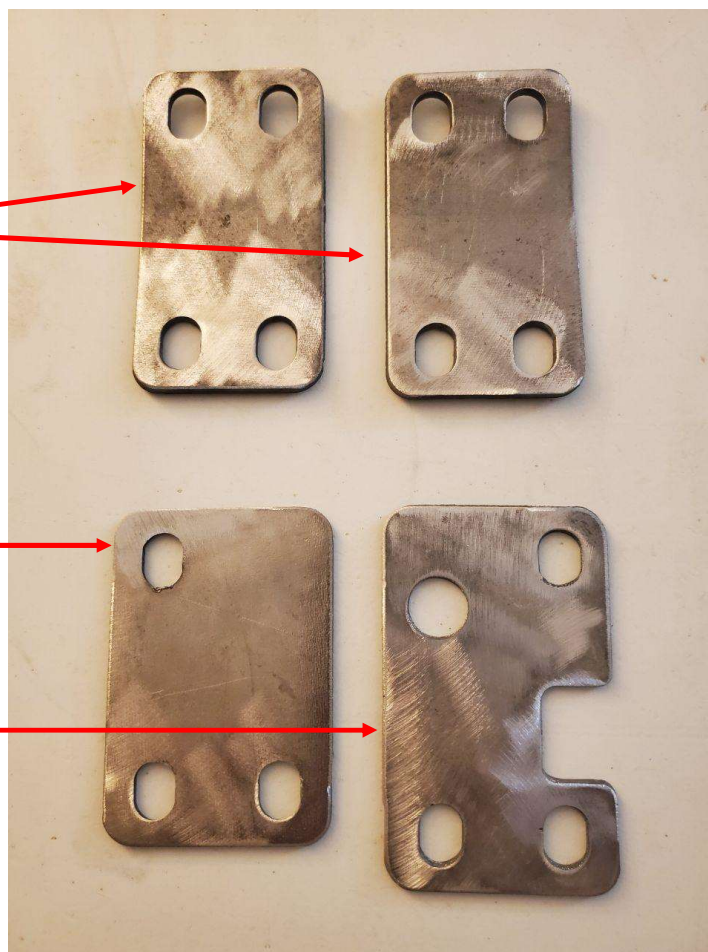
\*A significant level of mechanical skills is required for roll bar installation. Professional installation is recommended for anyone not possessing strong mechanical knowledge and work experience.

## Kit Contents (1): Backing Plates

Rear down bar backing plates  
(These two are identical)

Passenger main hoop backing plate

Driver main hoop backing plate  
(Cutouts are for fuel line mounting)



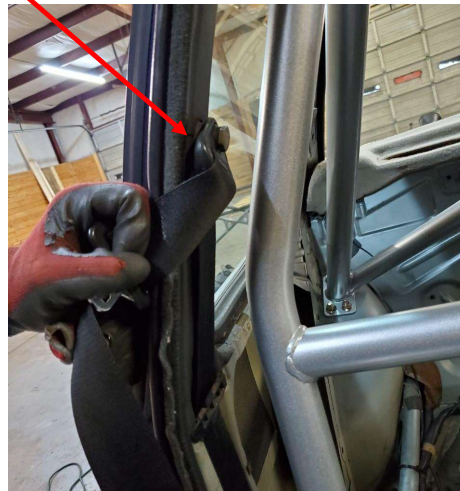
## Kit Contents (2): Hardware

- M10x30mm Hex Head Bolts – 11pcs
- M10x30mm Button Head Bolts – 3pcs
- M4x12mm Phillips Screw – 1pc
- M10 Flange Nuts – 14pcs



## Step 1: Remove partial interior and rear wheels

- Remove front seats
- Remove rear seat
- Remove front seat belt lower attachment rails
- Remove front seat belt shoulder attachment points (optional but recommended)
- Rear interior panels may be retained but some may find it easier to install the roll bar with them removed and then reinstall after roll bar is installed
- Safely position rear of car on jackstands and remove rear wheels
- It is recommended to remove any thick portions of sound deadening in the area the roll bar feet will mount

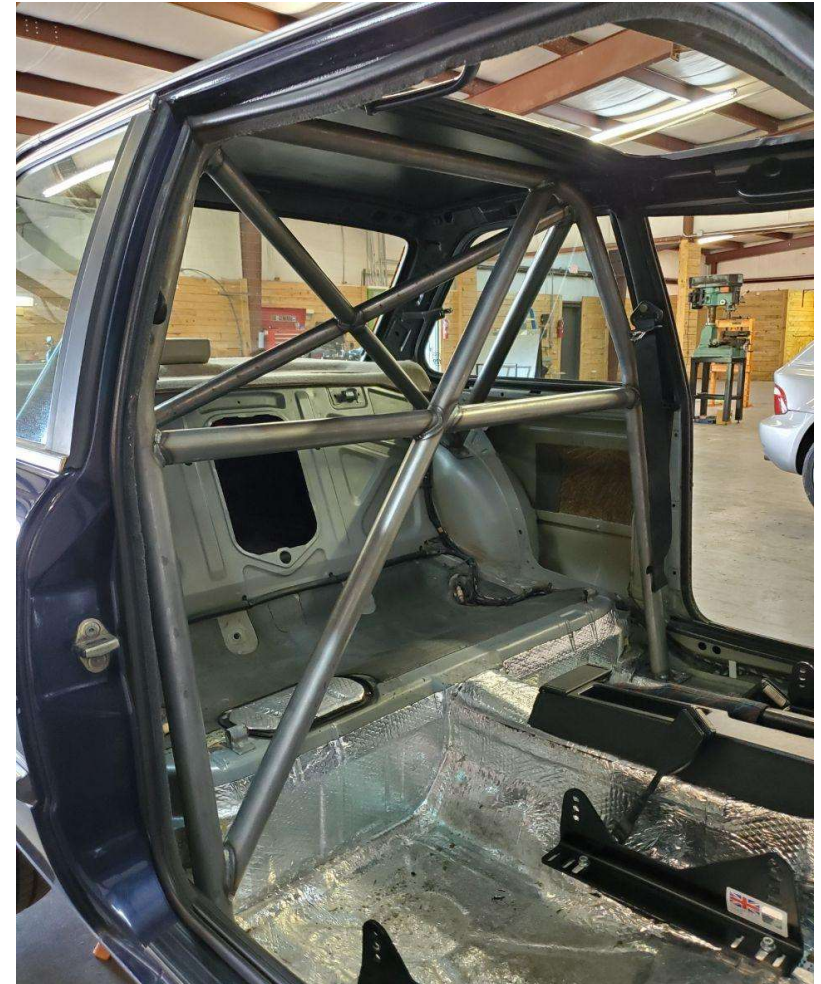




## Step 2: Install roll bar into car

(a helper is highly recommended for this portion)

- Position roll bar in the orientation in which it will be installed in car on the ground next to passenger door (roll bar will be installed through passenger door)
- With helper on driver side, lift roll bar through passenger door tilting the roll bar as needed to clear sill.
- With assist from helper, navigate driver side legs over transmission tunnel and set the bar down in front seat area.
- With assist from helper lift roll bar and move straight back and into position rotating the roll bar to lift rear legs up on top of wheel wells.



## Step 3: Position roll bar and mark drill positions

- Recommended position is with the main hoop baseplates spaced roughly  $\frac{1}{2}$ " in front of the fuel tank bulkhead
- Rear down bar feet will fall just in front of the overlapping portion of sheetmetal from the rear bulkhead as it ties into the wheel wells
- It is recommended to remove any thick portions of sound deadening in the area the roll bar feet will mount
- With roll bar in position, carefully mark holes to be drilled in body. Use of a permanent marker or paint pen is recommended to trace inside the bolt holes onto the body.

\*Position described above is an approximate starting point, subtle differences in unibodies may necessitate a slightly different position, feel free to move roll bar fore and aft to find optimal spot in your car.



## Step 4: Drilling bolt holes

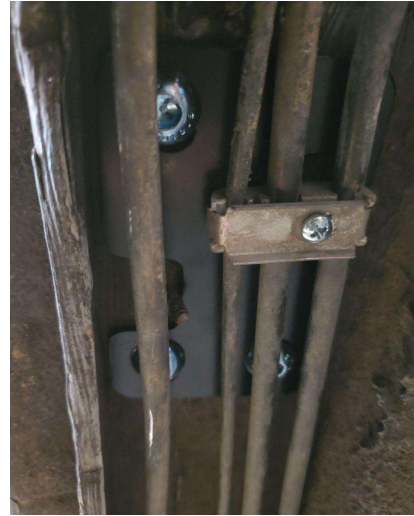
- **PROTECT FUEL LINES ON DRIVER SIDE UNDER MAIN HOOP MOUNTING AREA**
  - Disconnect Fuel hardline clamps under driver side
  - Space the fuel lines down with a block of wood to protect them during drilling
  - Inspect area underneath ALL HOLES to be drilled to ensure nothing critical lies in path of drill bit
- With a center punch, create a starter divot in all drill positions
- Carefully drill through all bolt hole mounts using a 7/16" drill bit.





## Step 5: Bolt roll bar in place

- All bolts will be inserted from the outside of the car to the inside to maximize tire and ground clearance.
- Utilizing rear down bar backing plates and a helper, insert M10x30mm hex head bolts through backing plates, wheel well, and roll bar baseplates. Have helper thread on flange nuts inside car. (Leave loose)
- Insert M10x30mm hex head bolts from under floor on passenger side through backing plate, floor, and roll bar baseplate into cabin, thread on flange nuts. (Leave loose)
- Position driver side backing plate with cutouts clearing fuel line mounting provisions. Insert M10x30mm button head bolts through backing plate, floor, and roll bar base plate into cabin, thread on flange nuts. (Leave loose, button head bolts are used in fuel line area for maximum clearance)



**DRIVER SIDE**



**PASSENGER SIDE**

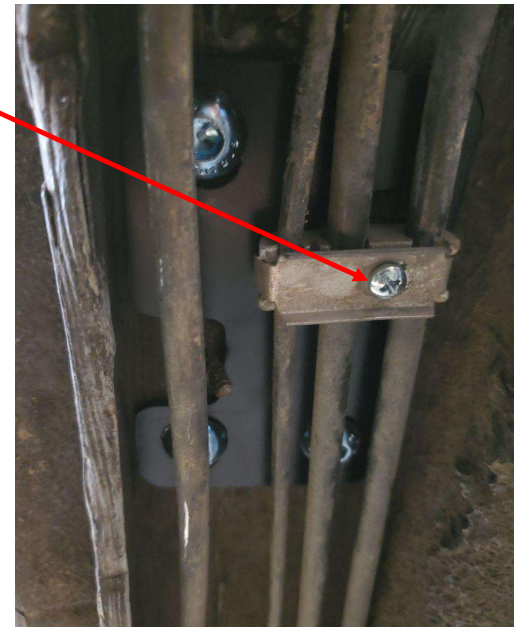


**REAR DOWN BARS**



## Step 5: Torque bolts and reinstall fuel lines

- Snug up bolts for all mounting feet, alternating corners, until all bolts and nuts are seated.
- Torque all hex head bolts to 55 ft-lbs.
- Torque button head bolts to 35 ft-lbs.
- Secure fuel lines using existing mounting brackets – m4x12mm phillips head screw will replace factory screw for mounting bracket that spans the driver side backing plate



- Reverse process for interior installation
- Reinstall rear wheels and lower car onto ground

**Congratulations on a successful installation of your investment in safety and ergonomics!**

