



1970-1981 GM F-body High Travel Coil-over brackets  
Weld-In  
Item # 2661



#### IMPORTANT NOTES

The UMI 2661 is intended for installation by the experienced fabricator. It requires cutting of your vehicle frame and then welding into the upper spring mount area. Do not attempt if you are not familiar with heavy fabrication.

The UMI 2661 is intended for use with a bearing mount 7" stroke racing shock and 2-1/2" racing coilover spring. We recommend measuring center to center after installation and then choosing the correct ride height shock based on your exact application.

UMI is not responsible discrepancies when used for applications other than the above, including but not limited to bump stop interference, ball joint binding, incorrect angles, etc.

Please follow all applicable safety practices when working on a raised vehicle such as proper use of jack stands and safety glasses, and care when handling compressed coil springs.

#### Installation Instructions:

1. Support car safely on jack stands or lift. Always be careful when working on or around a lifted vehicle.
2. Remove existing upper and lower a-arms, springs and shocks.

# **UMI** Performance

Race Proven Suspension Systems

3. Cut the outer portion of the upper a-arm / shock mount at lines shown in picture. It is recommended to cut short of the mark and grind to fit



4. once the cut are made and ground flush, it should look similar to below.



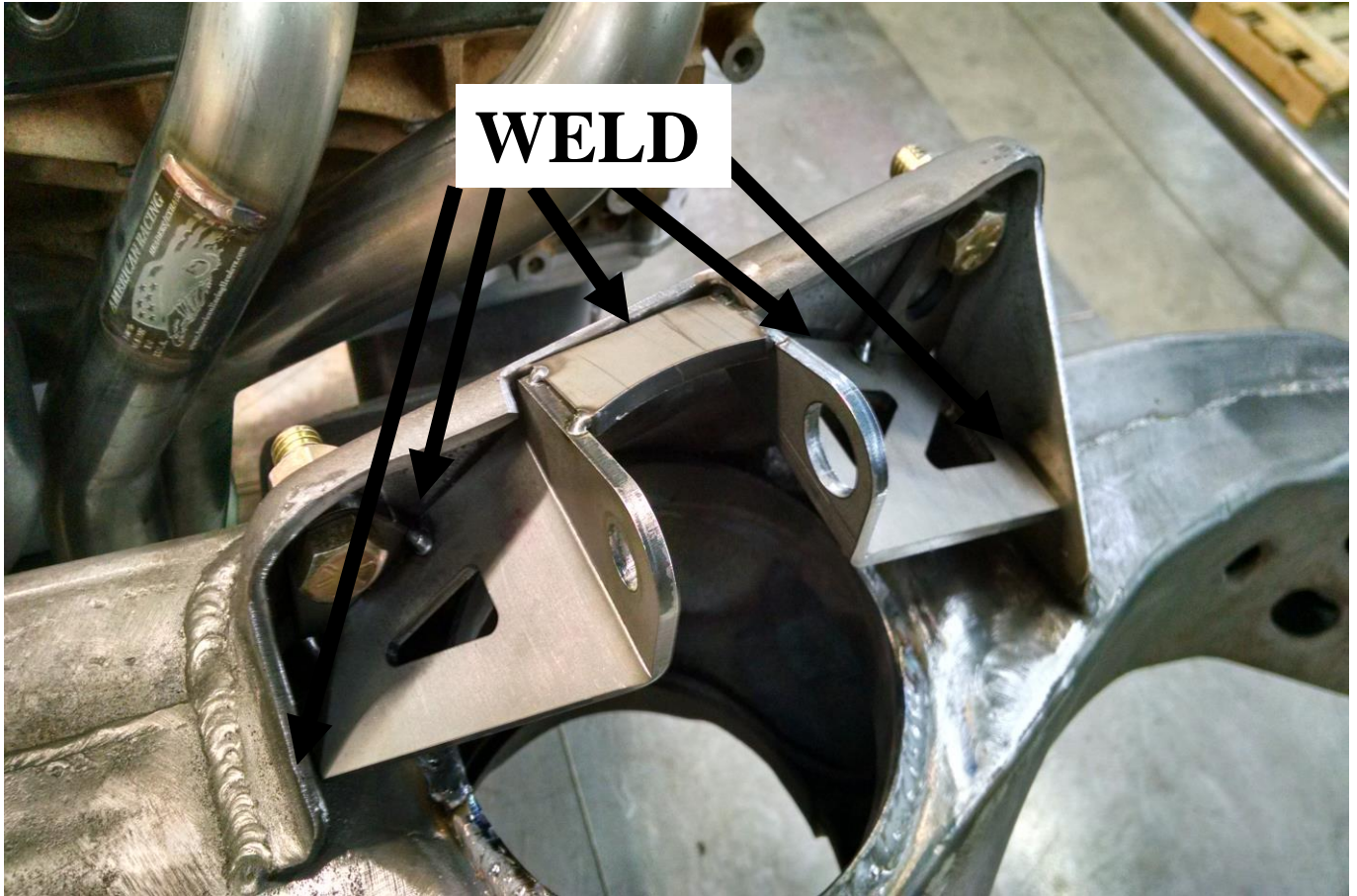
5. Lay the supplied template flat in the area to layout the portion to be cut for coilover clearance. It is recommended to cut short and grind to fit. Use the supplied ring to test fit. When satisfied with fitment, tack weld the ring in place, it is not recommended to fully weld at this point.



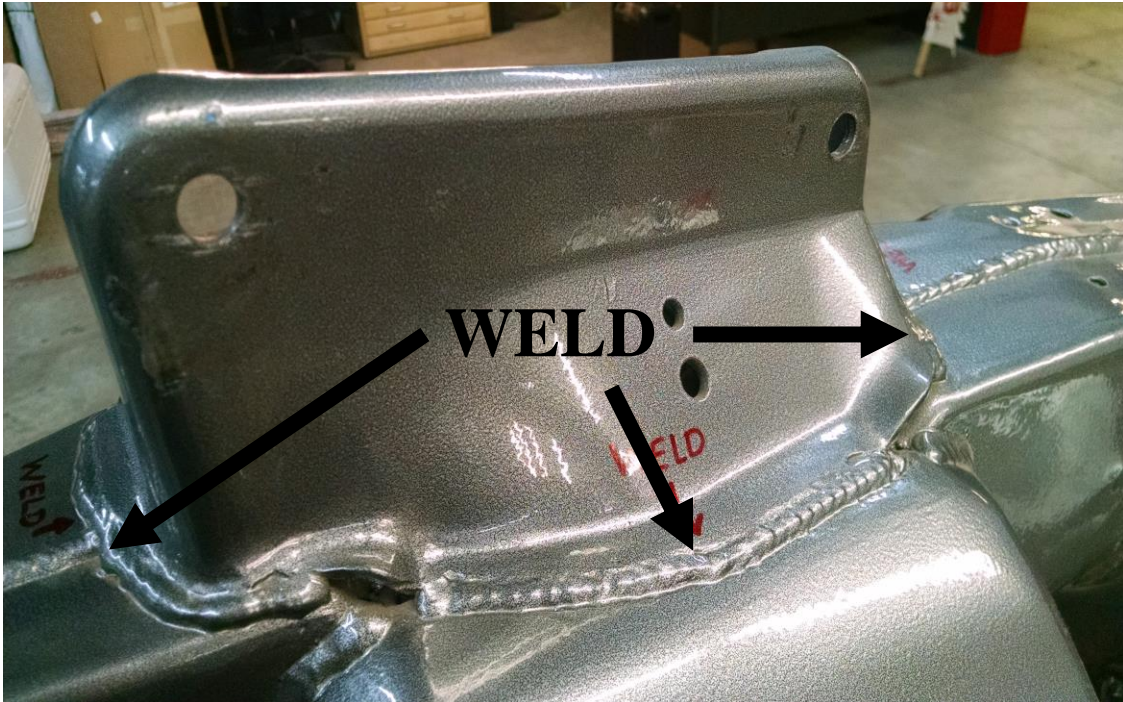
6. Bolt the 2661 upper mount into the factory a arm mount using the upper a arm bolts. The longer side of the mount, which has two holes, goes toward the front of the car. Mark the location of the notch to be cut into the top lip of the factory a arm mount.
7. Cut notch and test fit 2661. The mount should fit tight against the vertical face of the factory a arm mount. The front and back of the 2661 may need slight grinding to fit tightly on your particular car. From the factory the width of the a arm mount varied slightly.
8. Once the upper mount fits the factory a arm mount tightly, bolt the mount into place. Install the lower a arm and coilover to double check clearance before final welding.



9. Disassemble suspension. Remove 2661 upper mount to gain easier access to weld the reinforcement ring. Bolt in upper mount then weld in place. It is recommended to weld the top and bottom of the mount.



10. Weld the factory seams of the upper a arm mount as shown below. This helps reinforce the factory mount.



12. Upper Coilover mounting. Install upper coilover over as shown with the supplied spacers.  
3 different length spacers are included, 3/8", 1/2", and 3/4"  
For 1" wide shock bearings, use the 3/4" and 1/2" spacers  
For 1.25" wide shock bearing, use the 3/4" and 3/8" spacers  
2 of the spacers will not be used





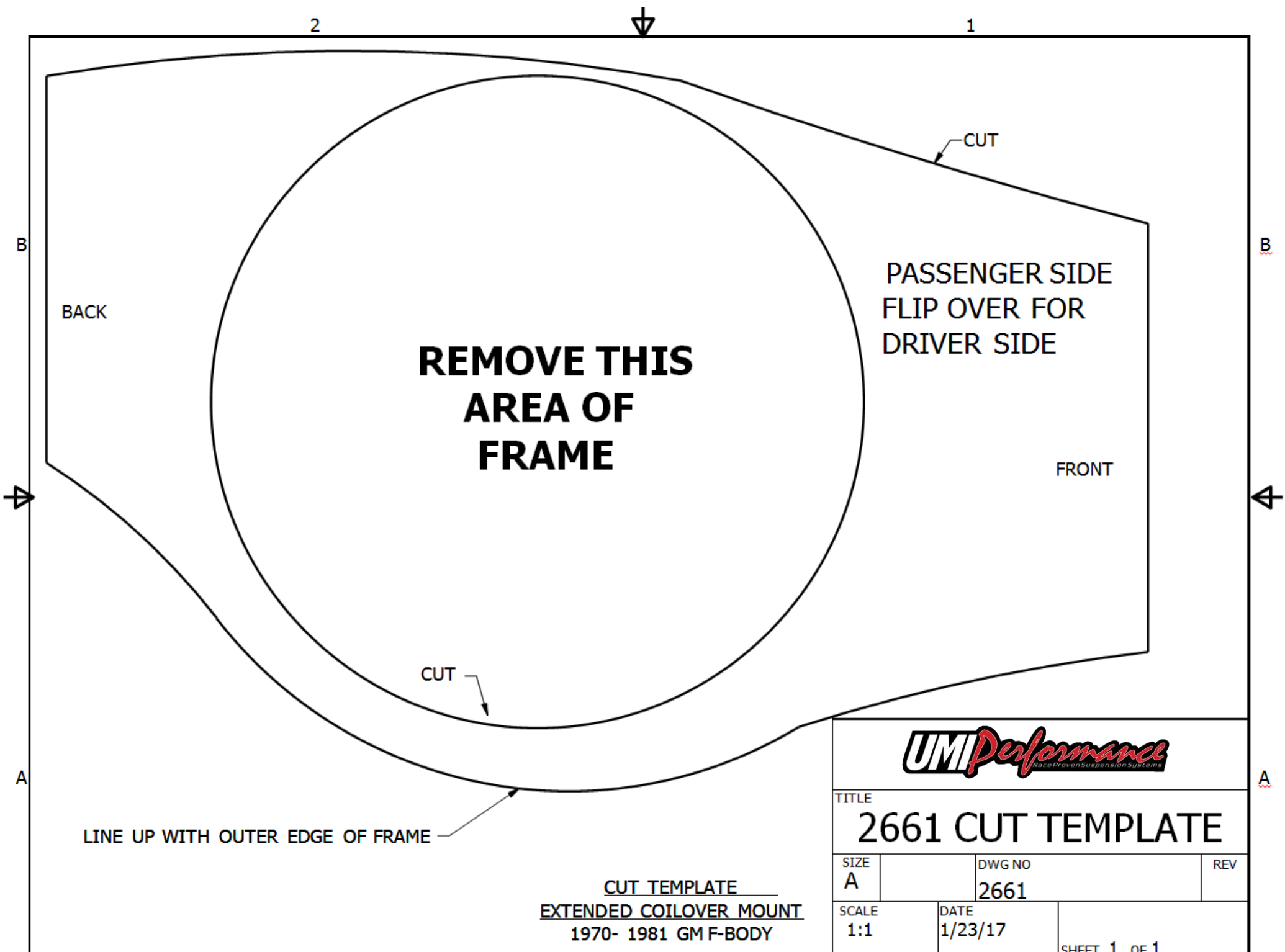
Example of finished Product



13. Install spring onto shock.
14. Reinstall coilover into vehicle.
15. Tighten shock mounting bolt to 60 ft-lb and lower shock bolt to spec of manufacturer.
16. Test drive.

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BACK

**REMOVE THIS  
AREA OF  
FRAME**

PASSENGER SIDE  
FLIP OVER FOR  
DRIVER SIDE

FRONT

CUT

CUT

LINE UP WITH OUTER EDGE OF FRAME



TITLE

**2661 CUT TEMPLATE**

SIZE  
A

DWG NO  
2661

REV

SCALE  
1:1

DATE  
1/23/17

SHEET 1 OF 1

**CUT TEMPLATE**  
**EXTENDED COILOVER MOUNT**  
**1970- 1981 GM F-BODY**