

2005-Present Ford Mustang Bolt-In Tubular Sub-frame Connectors
Item # 1052



1. Jack up rear of vehicle and place jack stands under the vehicle frame, jack front of vehicle and place jack stands under the front A-Arms as close to the wheels as possible.
2. With E-Brake (OFF), remove clip that attaches E-brake cable to caliper by pulling out. Remove cable and pull through lower control arm. Do this on BOTH sides. With a 10mm socket remove bracket that attaches E-Brake cable to bottom of lower control arm to frame mount. Reference image #1
3. On drivers side remove plastic fuel/brake line cover on (Drivers Side ONLY).
4. At the rear end apply slight pressure to front most (towards yoke) part of the rear using a floor jack. Starting at the driver's side only loosen and remove lower control arm from rear and frame side on. Now apply pressure to the rear end to help ease the removal of the lower control arm.
5. Locate (4) supplied bar nuts. On driver's side locate (2) holes in front frame by using image #2 as a reference. Insert Bar Nuts into the existing holes in the frame, 1/2" X 1" nut is for the larger hole towards rear of the vehicle and the 3/8" X 3/4" nut is for the front smaller hole. Center bar nuts so tapped holes can be easily seen.
6. Before installing the driver's side sub-frame connector the plastic cover removed in step #3 will need trimmed. Using image #3 trim fuel rail cover as picture shows. It might be easier to install the sub-frame connector first and trim the cover around it.
7. Locate driver's side sub-frame connector. Install sub-frame connector and lower control arm on the frame together using the new supplied 14mm bolt. Do not fully tighten the bolt yet, the vehicles suspension must be loaded
8. Now swing the sub-frame connector in place to were the bolt holes line up with the bar nuts in the frame. Using the supplied 1/2" x 1-1/4" bolts and lock washers install bolts until they are snug. Once again do not tighten bolts fully
9. Re-Install fuel cover after it is trimmed to clear new sub-frame connector.
10. Repeat steps 1-9 on passenger side with the exception of the fuel line cover.
11. Once both sides are installed jack up rear of vehicle and remove jack stands. Please jack stands under the rear axle to allow the suspension to be loaded. Now tighten all bolts, tighten the rear lower control arm bolts to 100 ft lbs and the front 1/2" bolts to 75 ft lbs.

Image # 1 – Rear E-brake bracket

Image #2- Passenger side, front



Image # 2- Drivers side fuel line cover (cut)



Image # 4- Rear control arm mount



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UMI Performance Inc.
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