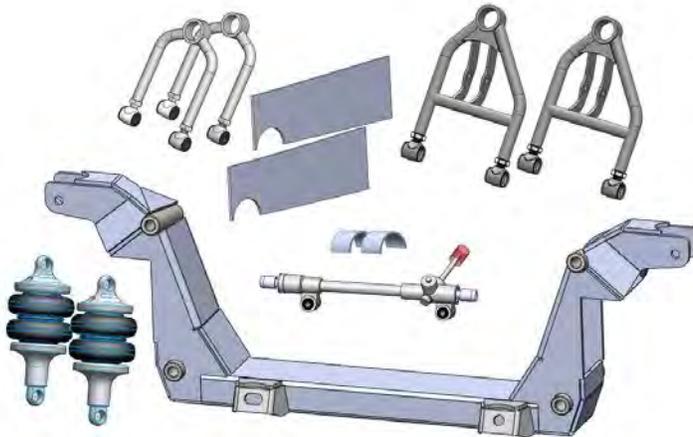
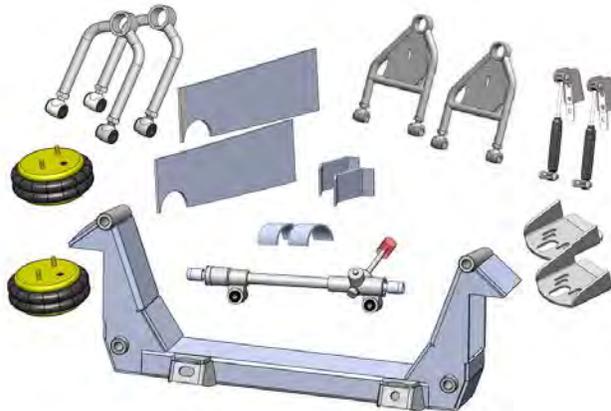


## 53-56 f100 mustang ii suspension

**shock option components:** (1) cross-member (2) upper control arms (2) lower control arms (1) mustang ii rack (2) frame box plates (1) tie-rod notch tube



**bag option components:** (1) cross-member (2) upper control arms (2) lower control arms (1) mustang ii rack (2) frame box plates (1) tie-rod notch tube (2) bag relief plates (2) bag brackets (2) universal shock mount kits (2) a1450ll shocks



## hardware

upper control arms: (2) 5/8-11x9 bolts (4) 9/16 flat washers (2) 5/8-11 c-locks

lower control arms: (2) 5/8-11x11 (4) 9/16 flat washers (2) 5/8-11 c-locks

rack: (2) 5/8-11x3 1/2 (2) c-locks (2) 5/8 flat washers

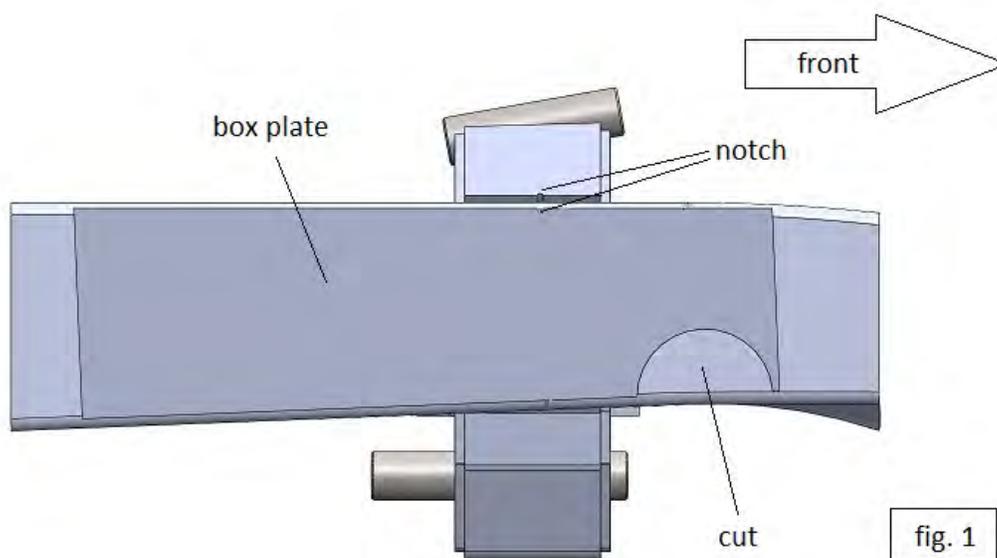
other: (4) Ball joints (8) T-bolts with bushings and jam nuts

shock option: (2) 1/2-13x 2 3/4 bolts (2) 1/2-13 c-locks (4) 1/2 flat washers

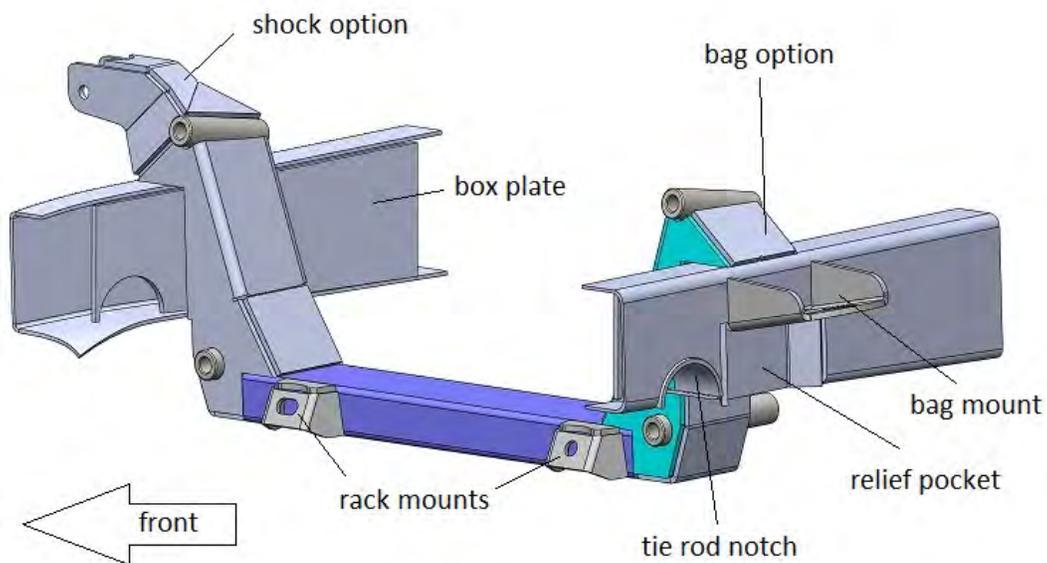
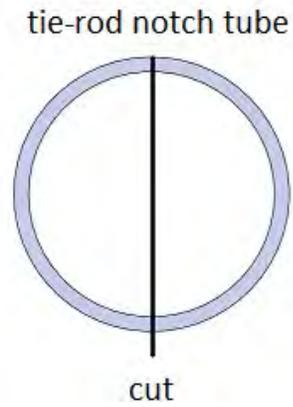
bag option: (2) air-bag hardware kits (2) universal shock mount kits

### instructions:

1. Chock rear wheels and place front of truck on jack stands.
2. find the wheel-center of the factory suspension, then mark or scribe wheel-center line onto top of both passenger and driver side frame rails. follow by removing all factory front suspension and any obstructions that may be in the way of the new cross-member.
3. use frame box plates as a template for tie rod frame notches. box plates will have a notch that will be aligned with the mark for wheel-center (refer to fig 1). mark or scribe on both passenger side and driver side frame rails, then cut frame on both driver and passenger side.



4. cut tie-rod notch tube in half.



5. place frame box plates into frame rails

6. lower cross-member into place.

7. make sure that the notches on the cross member and the frame box-plates line up with the center line marked on frame (refer to fig. 1). weld cross member, tie-rod notches and frame box plates.

**bag option:** after welding in the cross member, frame box plates and tie rod notches, cut both sides of the frame for bag relief pockets. weld the bag relief pocket to frame and inner area of frame box plate, followed by air bag mount. weld the airbag mount to frame and inner bag relief pocket. Place and weld upper and lower shock mounts. make sure to cycle the suspension and check clearance before final welding.

