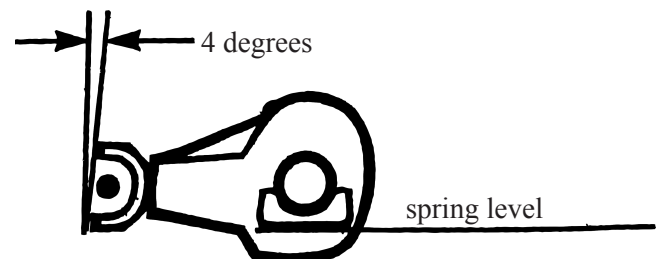
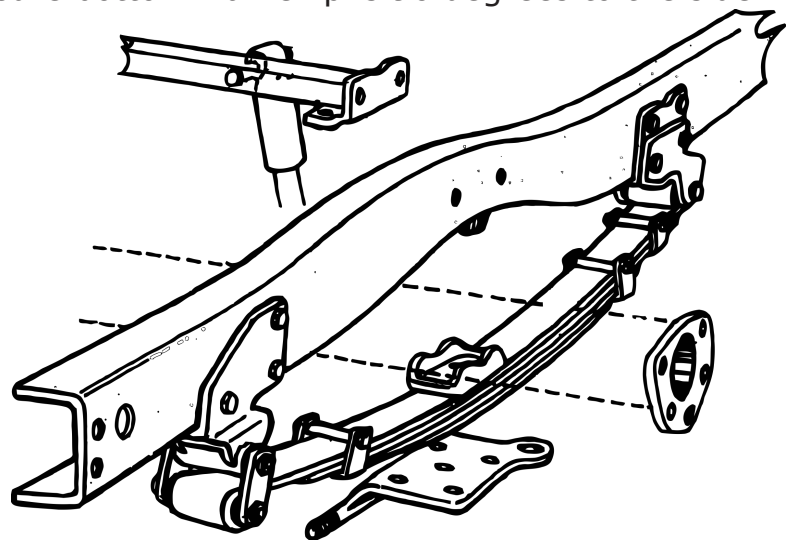
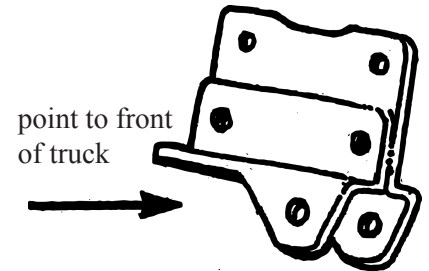


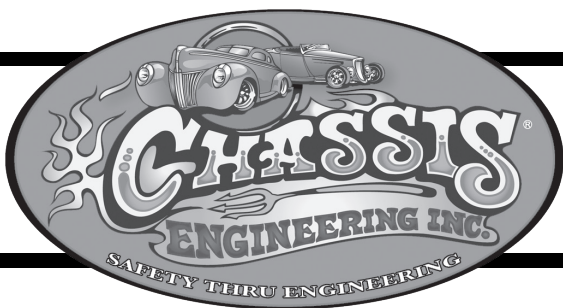
# AS-2020

## 1948-52 FORD Pickup Bolt-on Parallel Leaf Spring Rear End & Shock Mounting Kit

- 1** Remove 4 original rear spring mounts by drilling out rivets. Be careful as holes are reused.
- 2** Hold new mounts in place by matching holes. Note that rivet heads on the bottom frame lip will hit. Grind the rivets flush with the frame lip for clearance.
- 3** Drill rivet hole out to  $13/32"$ . Make sure bottom frame lip is 90 degrees to the side.
- 4** Bolt the 4 new mounts to the frame as shown. Drill bottom holes thru mount to  $13/32"$ . Install and tighten bolts.
- 5** Install springs leaving shackles loose. Slide rear-end in place and connect the shackles. Place spring pads between spring and rear end.
- 6** Center rear-end side to side on springs. Spring center bolts should be  $33\ 3/4"$  apart.
- 7** Install U-bolts and bottom spring plate. Sway bar hole goes forward and to the outside of the spring. Angle the shock mount down to start. Lightly tighten U-bolt nuts.
- 8** We recommend putting weight on the springs before setting pinion angle. Set angle 1 degree less than transmission angle. If you want to guess at the pinion angle, set it 4 degrees upward compared to the spring pads. You can do this without installing the rear-end in the car. The angle can be adjusted later with spring wedges if needed. Spot weld pads to the rear end, then remove rear and finish welding. Reinstall rear end and tighten U-bolts.



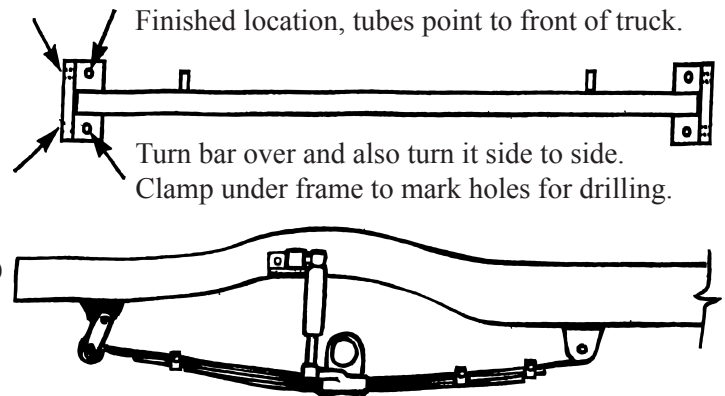
Caution: Make sure rubber stops are in place between frame and rear end to prevent shock bottoming. If the shock bottoms while driving sooner or later something will break. Rubber stops (CE part# AU-0082) are not included in kit.



# AS-2020

## Shock Mounting

**1** Shock bar fits inside the frame in the position shown. Tubes extend forward. Position with weight on the springs. Shocks must clear the rear-end housing and be able to move freely. Mark the location and remove the bar from inside the frame. Turn bar over and also turn it side to side. Clamp under frame to mark holes for drilling. Drill to 13/32".



**2** Reinstall bar inside frame. It may or may not require a hammer tap to get it inside and in place. Once inside the frame, locate it over the holes just drilled. Clamp in place and mark the 4 side holes for drilling. Slide bar out of the way and drill the holes.

**3** Put bar in place and lightly bolt to bottom lip. At this point you will notice a space between the bar and the side of the frame. Fill this space with a washer (equally on both sides). Install bolts and tighten.

**4** Install shocks and washers. Tighten.

## Sway bar SB-4852R (not included in kit)

**1** The rear sway bar mounts using the 4 (bottom lip) shock bar mounting bolts. Remove bolts and install sway bar clamps (with bar). Arms go forward over the rear axle. Bolt bar in place.

**2** The bottom mount is part of the CE rear end mounting kit and should already be installed. If you don't have our shock kit or complete rear end mounting kit, this mount must be fabricated and the mounting location of the bar determined by the installer. When mounting the bar (without the aid of other kits) the outer arms of the sway bar should be at 90 degrees to the end links and parallel to the ground with suspension at ride height (under total vehicle weight compressing springs).

**3** Add the links to finish installation.

