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Installation Notes: # 87600 07+ Tundra L/T Secondary Hoops

Factory manual is recommended for removal and re-installation of all factory components.

NOTE: Installation of these hoops will require cutting and welding. Please read these instructions before you begin. Some additional grinding and fitment may be necessary to these components prior to welding.

Place vehicle securely on jack stands or car hoist. Make sure the front wheels are not contacting the ground. Chock both rear wheels of the vehicle to secure it from rolling back.

Remove the front wheels and tires.

(Before you start disassembly)

- Make sure the vehicle is secure and ready to work on.
- The vehicle suspension should be at max extension.
- Disconnect the negative (-) battery terminal at the battery. (Reason- Working in close proximity to the air bag sensor during this procedure. You will be welding to the chassis.)

Step 1: Remove the rubber aprons from each side of the inner fender wells. (See photo)

Step 2: Remove the top 4-3/8" bolts from the top of the coil-over shock or stock hardware from stock shock.

Step 3: Disconnect the front brake lines from the frame by the bump stop.

Step 4: Set the new shock hoop on the top of the factory coil tower, holding it as level to the top as possible.



Step 5: Trace along the top of the hoops on the factory inner wheel apron. (Trimming the sheet metal is necessary to clearance the hoop. (Make sure to look inside the engine compartment while cutting). Check clearance on any stock components. It is recommended to cut under the marks you made, and then trim as needed checking hoop clearance at the same time. (See photo)



Step 6: Loosely bolt the shock hoop to the top of the coil tower with new longer supplied 3/8" hardware.

Step 7: Place the rear portion of the shock hoop up against the frame, holding the stand off up to it. Mark along the outside of the diamond stand off. Also mark along the gusset tube circle plate. Prep and sand the surface clean from factory paint. The area is then ready to have the shock hoop be welded. (See photo)



Step 8: Place the hoop stand-off & overlay plate in the desired location. Tack weld the stand-off & overlay to the frame. Check to make sure the gusset tube is also located on the frame as flush as possible. Now is a good time to paint most of the shock hoop, except where you're going to weld it on. (Leave this unpainted.) Be sure to give yourself welding room! The pebent shock hoop is then ready for final fitment to the stand-off. Once final fitment has been completed completely weld the stand-off to the frame. Set the shock hoop back in desired place, then weld the hoop to the stand-off. Weld the gusset tube to the frame as well. (See photos)



Step 9: With the 4 shock hoop bolts tightly in place, tack weld the two outer bosses to the coil bucket. This will assure that the shock hoop will not move when the shock bolts are removed in the future.

Step 10: Tighten the upper 4- 3/8" top hoop bolts to the coil tower. (Torque 3/8" bolts to 30ft. / lbs. on the top shock mount.)

Step 11: Reservoir clamp mounts (weld on) with the shock hoop welded in place bolt in the secondary shock to establish reservoir clearance. Check tires when fully turned each way to make sure reservoir clears the tire. Tack the clamps into place. Remove shock and reservoirs weld clamps to the shock hoop. (See photos)



Step 12: After welding we recommend that you spray paint as much of the hoop and frame as possible before re-installing the secondary shocks.

Step 13: Place the stock brake line mount back on the frame in the same location it was removed from. (The brake line may need to be bent by hand to clear the shock better.) (See photo)



Step 14: Install the shocks on both sides with the supplied hardware and charge to manufactures recommended PSI.

Step 15: Re-install front wheels and tires, torque all lug nuts before driving.

Step 16: Test drive a short distance to make sure all components were installed correctly.

Part Number	Description	Quantity
07 Tundra/08 LC 200:58760L	Secondary Shock Hoop, 07+ Tundra Left Inv	1
07 Tundra/08 LC 200:58760R	Secondary Shock Hoop, 07+ Tundra Right	1
10725	Bolt, 3/8"-16 x 2.50" Grade 8	8
12011	Washer, 3/8" SAE	8
10025	Bolt, 1/2"-20 x 2.50" Grade 8	2
12003	Washer, 1/2" AN	4
11001	Nut, 1/2"-20 Nylock	2
59204	Reservoir Tabs	4
59162	Diamond Overlay Plate	2
07 Tundra/08 LC 200:58763	Support Tube, 2007-2012 Tundra Secondary Shock Hoop	2
07 Tundra/08 LC 200:58764	Support Tube Frame Plate	2
07 Tundra/08 LC 200:58765	Hoop Boss, 2007-2012 Tundra	2