



INSTALLATION INSTRUCTIONS

DRAG RACE STRUT

1982-1992 CAMARO/FIREBIRD

P/N: C2801

This strut is designed to replace the factory front strut assembly found in 1982-1992 Camaros and Firebirds. The computer designed valving in this strut will allow the front end to rise rapidly on initial launch for maximum traction. It will then let the nose slowly settle to standard ride height for improved top end handling.

WARNING! This strut is intended for drag race use only!

NOTE: Read this instruction sheet and any instructions printed on the small parts package carefully prior to removing the struts from the vehicle.

Do not grip the polished piston rod with any type of tool. Nicks and scratches on the rod will cause decreased service life.

UNIT IS GAS PRESSURIZED. DO NOT HEAT OR CUT OPEN!

INSTALLATION

1. Open hood and remove the plastic strut caps. Loosen and remove the upper rod-retaining nut.
2. Inspect the strut bearing plate for wear or damage. If replacement is required, remove the three small nuts holding the mount to the body and replace the mount. Tighten the nuts to 15 ft-lbs. Do not remove the mounting plate if it is not necessary.

NOTE: If the strut mount is removed a re-alignment will be required.

3. Raise the front of the vehicle using a floor jack under the lower control arm and position a jack stand under the frame-jacking pad behind the front wheel.
4. Remove the brake hose bracket.
5. Leave the floor jack under the lower control arm. Remove and save the two lower nuts and bolts that attach the spindle to the strut unit. It may be necessary to remove the brake caliper from the rotor to allow access.

*For Technical Assistance, call Competition Engineering's Tech Line at
(203) 458-0542, 8:30am-5:00pm Eastern Time*

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6. Compress the strut unit and pull it down to remove it. Discard old strut unit.

NOTE: Unit is shipped with the rod locked in the down position. The rod must be extended before installation. To extend, rotate upper end of rod counter-clockwise.

7. Insert the Competition Engineering Drag Strut into the upper mounting hole.

8. Install the supplied upper nut and hand tighten.

9. Position the lower end of the strut into place on the spindle.

10. Install the two lower nuts and bolts. Tighten to 195 ft-lbs. Replace brake caliper.

11. Replace brake hose bracket.

12. Replace front wheel and torque lug nuts to manufacturer's specs.

13. Lower vehicle to the ground. With the vehicle's weight on the suspension, tighten the upper rod nut to 52 ft-lbs and replace plastic cap.

14. We highly recommend that you have the wheel alignment checked before racing the vehicle.

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