

ADVANCED - Installation requires professional-type tools and advanced automotive-service skills. If you lack experience with internal engine modifications, an Advanced installation is probably beyond your abilities. Cutting, drilling, wiring, welding, and following torque specs may be required.

ESTIMATED INSTALLATION TIME - Installation times are for a professional installer. Times may vary based on the skill level of the installer.

ESTIMATED INSTALL TIME - 4.0 hrs

C.A.R.B. EO# D-187-9

PART NO. 20004

**1989-92 CAMARO / FIREBIRD
1989-91 CORVETTE
INTAKE MANIFOLD RUNNERS**

PACKING LIST

<u>Item #</u>	<u>Check</u>	<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	☐	1	20004L	Left Runner
2	☐	1	20002R	Right Runner
3	☐	1	20030	Gasket Set
4	☐	12	20032A	8mm x 30mm Allen Head Cap Screws
5	☐	6	20032B	8mm x 80mm Allen Head Cap Screws
6	☐	1	20034	Ball End Allen Wrench
7	☐	1	*****	Installation Instructions

INSTALLATION INSTRUCTIONS

NOTE: Prior to the installation of the SLP runners, the runners must be washed and dried. Compressed air should be used for drying. If a compressed air source is not available then a lint free cloth should be used.

1. Disconnect the battery.
2. Remove the distributor cover.
3. Disconnect the throttle, transmission and cruise control cables.
4. Disconnect PVC and breather hoses.
5. Disconnect the two vacuum lines on the passenger side rear of plenum.
6. Remove all intake runner bolts.
7. Disconnect the vacuum hose for the power brake booster.
8. Remove transmission cable from bracket.
9. Lift the plenum from the rear so as to be able to remove MAT sensor connection on bottom of plenum.
10. "Fold" plenum all the way forward and tie in place.
11. Loosen injector rail bolts but do not remove.
12. Remove both sets of runners.
13. Place paper towels or clean rags in each port of intake to prevent any debris from entering the cylinders.

14. Remove old gaskets and scrape all gasket surfaces completely clean.

NOTE: Proper gasket surface preparation is required to eliminate vacuum leaks.

15. Vacuum debris from ports and remove paper towels or rags.
16. Make sure that all injector electrical connections are secure before installing runners.
17. Install new gaskets and place new runners into position.
18. Re-tighten injector rail bolts. Torque bolts to 15-22 ft. / lbs.
19. "Fold" plenum into position and check gasket alignment. Re-connect MAT sensor.
20. Install all bolts loosely, using the original bolts for the cable guide clip (drivers side top center) and, for the two bolts that are threaded into the runners (one on each side). All bolts must be installed loosely before tightening any.
21. Tighten bolts. A 6mm ball end Allen socket is necessary to tighten only the lower bolts. Torque all bolts to 19 ft. / lbs.
22. Re-connect transmission cable to bracket. Reconnect cruise control cable and throttle cable. Re-connect vacuum hoses to rear of plenum and power brake booster.
23. Re-connect all electrical connections.
24. Re-connect PVC hose and breather hoses. Install distributor cover.
25. Re-connect battery and check the Check Engine Light.

NOTE: A ROUGH IDLE INDICATES A VACUUM LEAK. RE-TORQUE ALL RUNNER BOLTS IF THIS OCCURS.