

**PART NO. 30258**

**1998-2000 LS1 F-CAR CAST QUAD EXHAUST SYSTEM  
WITH 3" INTERMEDIATE PIPE**

**PACKING LIST (Detail on page 4)**

<b>Item #</b>	<b>Check</b>	<b>Quantity</b>	<b>Part Number</b>	<b>Description</b>
1.	_____	1	502540000	Right Fascia Extension
2.	_____	1	502550000	Left Fascia Extension
3.	_____	16	50273	Fastener, Plastic Barbed
4.	_____	1	50229	Tape, Dbl. Sided, 1/2"x12'
5.	_____	1	310301493	Secondary Hanger Bracket, L
6.	_____	1	310301492	Secondary Hanger Bracket, R
7.	_____	2	310301491	Rubber Isolator
8.	_____	2	307619100	Threaded Hanger Mounting Bar
9.	_____	4	300868010	5/16" Lockwasher
10.	_____	4	10363	8mm Socket Head Bolt
11.	_____	1	302500001	Cast Aluminum Quad Tip Assem.
12.	_____	2	308303902	2 1/2" Uni-Bolt Clamp
13.	_____	1	10166	Over-axle Loop Pipe
14.	_____	1	10168	Intermediate Pipe
15.	_____	2	308302902	2 1/2" Exhaust Clamp
16.	_____	1	310301481	Muffler
17.	_____	1	310302001	Adapter Tail Pipe, Left
18.	_____	1	310302002	Adapter Tail Pipe, Right
19.	_____	1	10271	2 3/4" Band Clamp
20.	_____	2	308302904	3" Exhaust Clamp

## INSTALLATION INSTRUCTIONS

1. **Prep and paint the two fascia extension pieces as desired.**

2. **Installing Fascia Extensions**

First, the lower edges of both sides of the vehicle's rear quarter panels must be cleaned thoroughly to insure the double-sided tape on the fascia extension bonds properly. Be sure to remove all dirt, road film, grease, etc. from these surfaces and be sure that they are dry. Next, apply the appropriate length piece of double-sided tape onto each fascia extension in the molded-in tape recess. **DO NOT** peel off the protective film on the exposed side of the tape yet. Hold each part up into place on vehicle to get a feel for how it should fit the contours of your vehicle's existing fascias. With the assistance of a helper, install each side extension carefully and slowly, by first peeling off the protective film from tape, and placing the part into its proper position. **NOTE: Once tape contact has been made with vehicle, the part CANNOT be repositioned. IT MUST BE MOUNTED CORRECTLY THE FIRST TIME.** When the part is in correct position, run your fingers (from underside) along the recess that tape is under, applying firm pressure to insure full adhesion.

Next, from underside of vehicle, you will need to drill a total of sixteen (16)  $\frac{1}{8}$ " diameter holes through the pilot holes in the fascia extensions and up through your existing fascia.

Drill these holes as close to 90° to the surface of the plastic as possible. Insert the sixteen plastic barbed fasteners fully into each hole.

3. **Installing Exhaust Components**

Remove entire exhaust from catalytic converter Y-pipe outlet back, starting with the muffler, then the intermediate pipe.

4. Remove the bolt-on hanger tab from stock intermediate pipe at the over-axle point of pipe and re-bolt loosely to the bracket on new 3" over-axle loop pipe. Install the over-axle loop pipe into position, engaging the hanger through rubber block on passenger side frame rail. Slide a 3" muffler clamp onto inlet end of over-axle loop pipe. Slip the inlet end of intermediate pipe, with 2  $\frac{1}{8}$ " band clamp on it, over outlet of converter Y-pipe and insert outlet end into inlet of over-axle loop pipe. Tighten the 2  $\frac{1}{8}$ " and 3" clamp just enough to hold pipes in position.

5. Insert the two threaded steel bars into the holes on the insides of each side rear box frame near bumper and using the four 8mm Allen bolts with lock washers on them, install the

two tailpipe hanger brackets to chassis. Be sure the wire loops on brackets are both towards the center of the vehicle and the open ends face forward with tab bent upwards. Install a rubber hanger onto each side tailpipe hanger bracket, but do not tighten bolts yet.

6. Install new muffler and 3" clamp onto end of over-axle loop pipe until slip joint bottoms, and tighten clamp enough for muffler to still rotate by hand. Position over-axle loop pipe for chassis clearance and so the muffler is running horizontal and parallel to heat shielding under fuel tank. Tighten the 3" clamp at the over-axle loop pipe and intermediate pipe slip joint, along with the 2 \_" clamp at front of intermediate pipe.
7. Position the muffler so that it is parallel to heat shielding, looking at it from the side and rear of vehicle. Tighten the 3" exhaust clamp at muffler inlet. Install the two 2 \_" uni-bolt clamps onto inlet stubs of the cast aluminum quad tip, about an inch in from ends, with nut facing down and at hidden side of the tip. Tighten clamps JUST enough for them to hold position. Follow this procedure for each tailpipe (on their swaged-open ends) using the other two 2 \_" exhaust clamps in kit, also facing the nuts downward.
8. Using an adjustable stand, or with the assistance of a helper, install the left-side tailpipe onto muffler and connect rubber hangers to the hangers on tailpipe. Slide the cast aluminum quad tip, with outlets pointing down onto the tailpipe outlet. (Note the word "TOP" cast into the tip; install it accordingly with "TOP" facing up.) Install the right side tailpipe in similar fashion.
9. Tighten the four bolts in the chassis-side tailpipe hanger brackets. Carefully position the tail pipes and cast aluminum quad tip, both side-to-side and up and down. Tighten the two 2 \_" exhaust clamps at tailpipe inlets and the two 2 \_" uni-bolt clamps on cast aluminum quad tip.

**DETAIL OF 30258**

