

Technical Bulletin

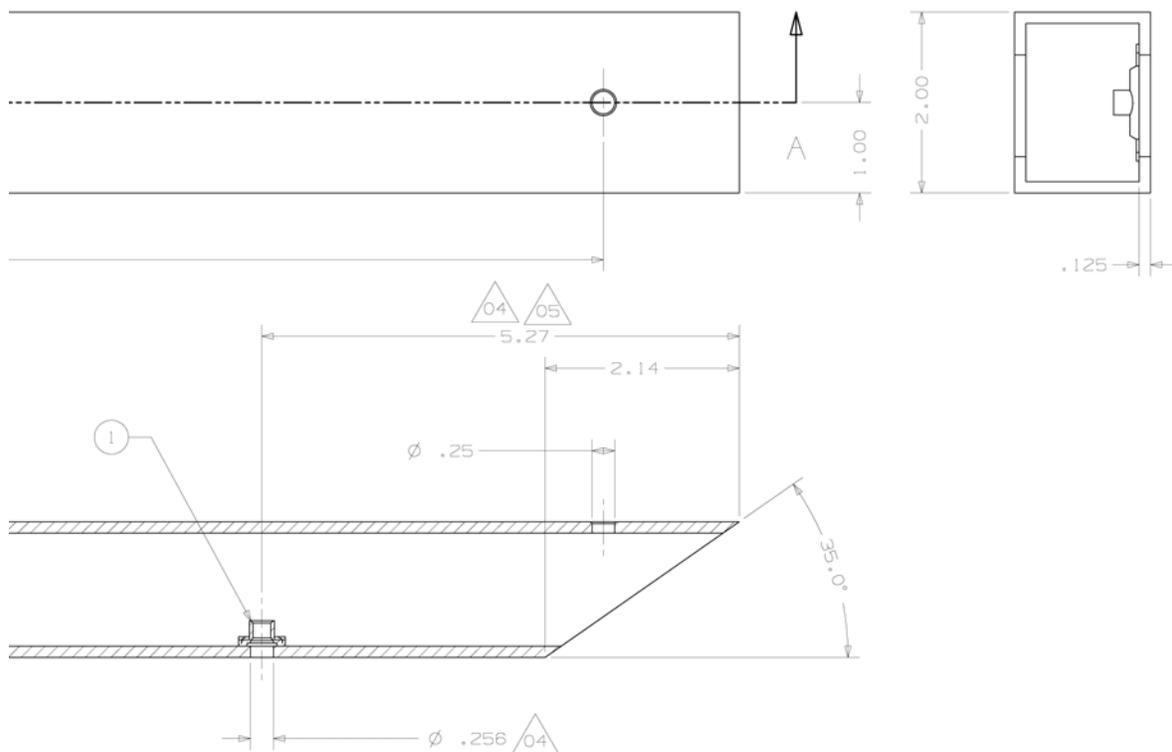


DP02	TB0025-2008	Elan Motorsports Technologies	
From:	Brian Frankum		
Subject:	<i>Tunnel Floor Installation Instructions</i>	Date:	April 28 th , 2008

Attention all Elan DP02 teams

Please see below for instructions on how to install the carbon fibre tunnel floor kit on a race car that was previously equipped with fibreglass floors.

1. Remove the engine cover, tail support beam, sidepods, battery, relay bracket, any hardware bolted to the floors, exhaust, oil catch tank, skids, and floors.
2. Drill 2 holes and attach 2 anchor nuts to the tail support beam (DP02-40-038) as shown below. Re-attach tail support beam to rear pylons.



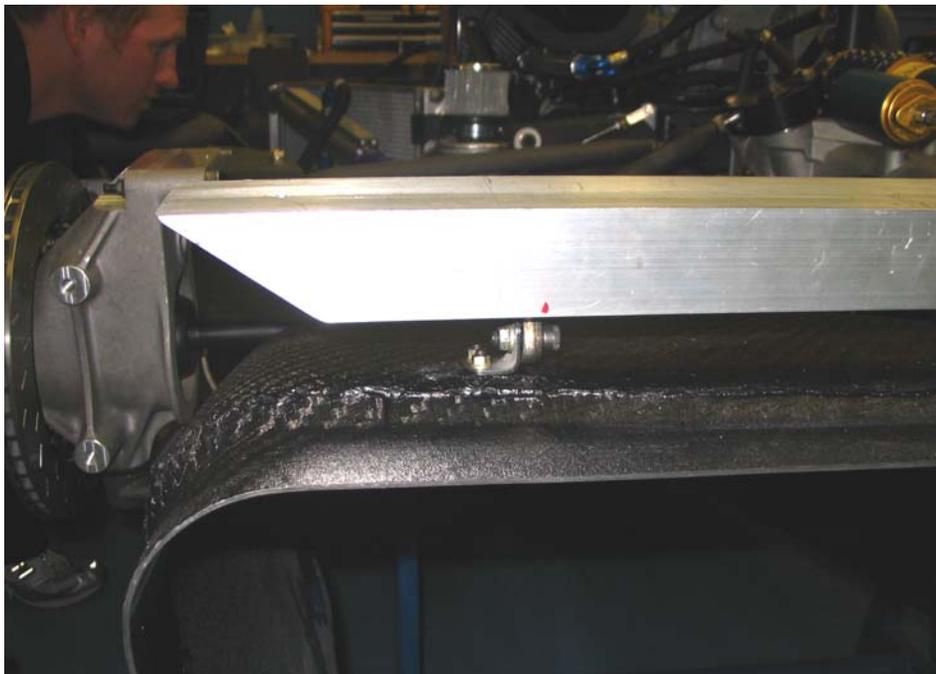
3. Re-route loom so that O² sensor plug runs underneath the engine and has more length available on the right-hand side of the car. Install harness extension so that rear lights can be plugged in again.

4. Offer the LH & RH tunnel floors up to the bottom of the chassis. Put the Jabrock skids in place beneath the floors (leave out the aluminium spacer plate that was used in conjunction with the fibreglass floors) and bolt in place.

5. Install the front (15" long, used from fibreglass floor) and rear (27" long, included in kit) cable floor stays and adjust them such that the floor is relatively flat and level. The front cable stay attaches the same as before. However, the inboard end of the rear cable stay will attach such that the inboard cable bracket is held in place using the bolt going through the rear top wishbone forward leg mounting clevis. The floor stays at the rear face of the tub are no longer used.



6. Install the diffuser section of the tunnels and bolt it to the forward half of the tunnel floors. Use the right-angle brackets and rod ends provided to attach the trailing edge of the diffuser to the tail support beam. Adjust the rod ends such that the tail is flat and level with the rest of the floor. Install the inboard wishbone slot cover panels.



7. Remove the forward radiator supports from the fibreglass floors and attach them to the fibreglass radiator trays included in the kit. Some trimming will be required to get the bracket to seat fully in the bottom of the radiator tray as well as providing relief for the welded tanks on the radiator. Position the radiator trays that were provided with the kit such that the water lines fit

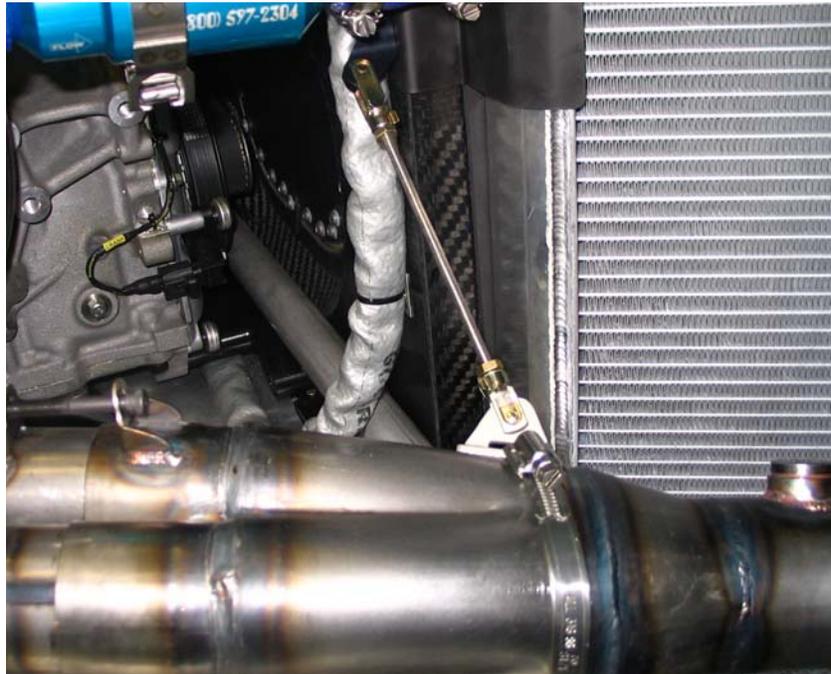
well and the radiator is parallel to the inlet ducts that were provided with the kit. Be sure to use 1/4" foam under the radiator and between the radiator and chassis. The radiator trays should be bonded with silicone and riveted into place on the carbon floors once the finalized position is achieved.



8. Remove the petcock from the oil catch tank and replace it with the NPT plug provided in the kit. Turn the lower catch tank bracket upside down. Install the catch tank such that there is sufficient clearance to the engine cover.



9. Install the exhaust assembly. Use the threaded rod and folded tag included in the kit to support the exhaust collector via the floor stay bracket on the LHS rear face of the tub. Remove the O² sensor from the rear-exit exhaust assembly and install in the side-exit exhaust assembly. Plug the O² sensor into the re-located wiring harness. Slide the inner half of the exhaust exit panel over the tail pipe with the return facing inboard (picture shown on step 17).



10. Install the battery bracket and relays on the left-hand side tunnel.

11. Disconnect the floor stays.

12. Cut a hole in the right-hand side sidepod for the exhaust exit.

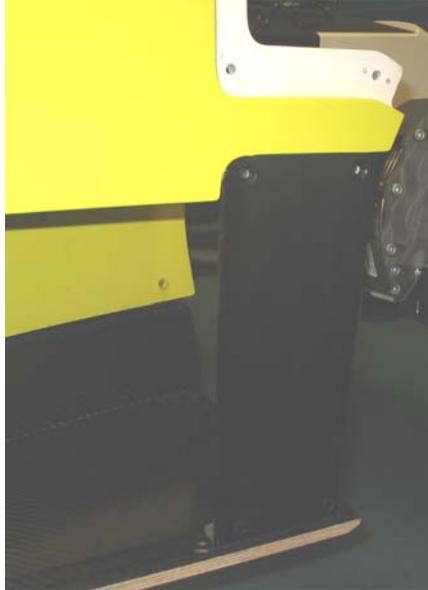


13. Loosely bolt the inboard, top edge of the sidepods to the chassis.

14. Raise or lower the rear of the floor until the trailing edge of the sidepod and floor are flush. Use the rearmost hole in the sidepod to locate as you drill thru the top deck return of the floor and attach a bolt and anchor nut. Perform the same operation at the front of the floor while

adjusting the outboard forward edge of the floor up and down as required to achieve reasonable bodywork fit.

15. Install the forward sidepod supports and angle brackets supplied in the kit.



16. Re-attach the floor stays and adjust such that the floor is flat and level with the tub.

17. Install the inner and outer exhaust exit panels. Install the exhaust heat shield.



18. Install the outboard rub strips to the underside of the floors.

Parts prices and delivery information is available upon request from Comprent Motorsports.

Kevin@comprent.net