



2/12/03

Rear Air Conditioning Relocation Block

* This kit is designed as an option to Dual Shock Kit 10-31099*

Hardware Pack #20-69267 Installation Instructions

Parts List

<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
20-31099-6	Block, Rear A/C Relocation	1
13-23185-Z	Hex Bolt, 5/16"-18 x 2-1/4"	1
13-30421-Z	Washer, 5/16" Hrdn. Flat	2
13-10566-Z	Nut, 5/16"-18 Top Lock	1
13-90841	O-Ring Seal Washer (AC Delco)	2
13-90854	Plug, 3/8" Pipe Thread	1

BEFORE YOU BEGIN

- Installation by a professional mechanic is required. Use of a refrigerant recovery and charging system is required. Use of a Service Manual is highly recommended.
- Read instructions carefully and study the photos before attempting installation. Race Car Dynamics is not responsible for damage, failure or injury resulting from improper installation or parts substitution of this kit.
- Check parts and hardware against parts list to assure that your kit is complete. Report any shortages to Race Car Dynamics at (1-619-588-4723). The parts and hardware supplied are of high-grade material and must not be replaced by inferior parts or failure may result.
- These instructions are accompanied by photos of an actual relocation block installed on a vehicle. The following is a description of how the photos were taken so the installer can orient themselves with the block's location. **Photo #1** is taken looking through passenger side wheel well. **Photo #2** is a close up view of the block in Photo #1. **Photo #3** is taken looking down through the engine compartment from over the passenger side fender. **Photo #4** is taken looking down on the block through the engine compartment from over the front grill.

Installation

- 1) The A/C System needs to be drained of all refrigerant. A professional recovery system must be used for this procedure.
- 2) Disconnect large A/C Suction Hose running from rear A/C into "T" junction of suction hose that runs from the A/C compressor to the A/C accumulator mounted on the passenger side firewall. The "T" junction can be seen clearly in **Photo #3 and #4**. It is the aluminum block that the Relocating Block is attached to approximately 2" away from the heat shield in front of the exhaust manifold.
- 3) Install allen head plug supplied into block using Teflon tape around threads.
- 4) Check to make sure all old O-Ring Seal Washers are removed from hoses. New O-Rings are provided. Slide new O-Ring Seal Washer over tube sticking out from relocating block. Attach bracket to "T" junction block. The tube serves as a guide to line up the bracket on the junction block. Tighten nut to 12 ft. lbs.
- 5) Slide new O-Ring Seal Washer over Suction Hose running to rear A/C and attach it to the Relocating block using the 5/16" x 2-1/4" bolt and hardware provided. Torque bolt to 20 ft. lbs.
- 6) Have a professional mechanic Recharge A/C system paying close attention to the block to make sure there are no leaks from around the Seal Washers or the plug.

PHOTO #2



PHOTO #4



PHOTO #1

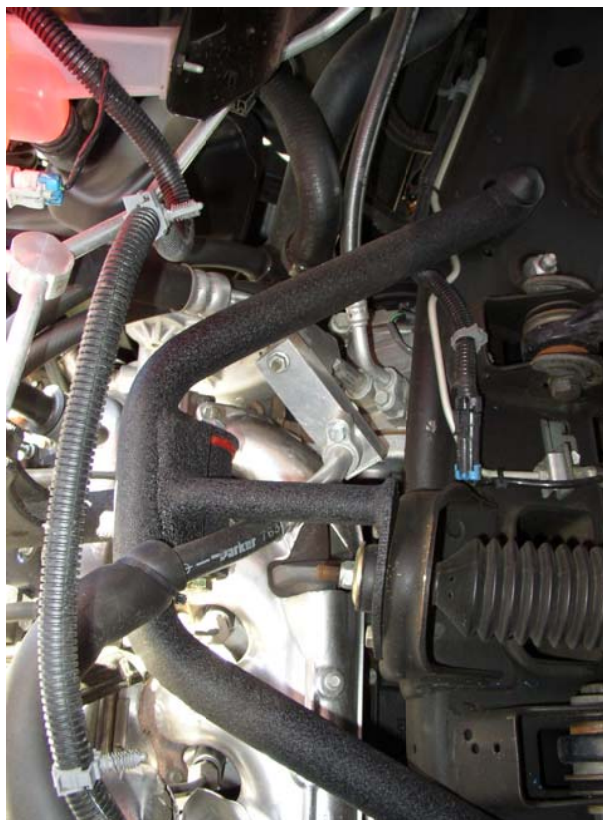


PHOTO #3

