



INSTALLATION PROCEDURE FOR RAPTORQ™ HYPER-PERFORMANCE ECM



Note:

It is recommended that you use our Fuel Pressure Test Kit or have your Hummer Dealership perform a fuel pressure test prior to installing the RapTorq ECM to verify correct fuel flow will be getting to your engine.

Step 1.

Begin by opening glove box door and removing the six Phillips head screws securing the glove box to the dog house. See Fig. 1



Fig. 1



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Step 2.

Slide glove box out and set aside. Slide upper cup holder out of dog house just above glove box opening. See Fig. 2



Fig. 2

Step 3.

The stock ECM is the silver box measuring 8"x6"x2" directly in from the glove box opening. It is either attached by 4 nuts which need to be removed using an 8mm wrench or socket. Later model ECM's are attached by Velcro and simply pull up to be detached. See Fig. 3

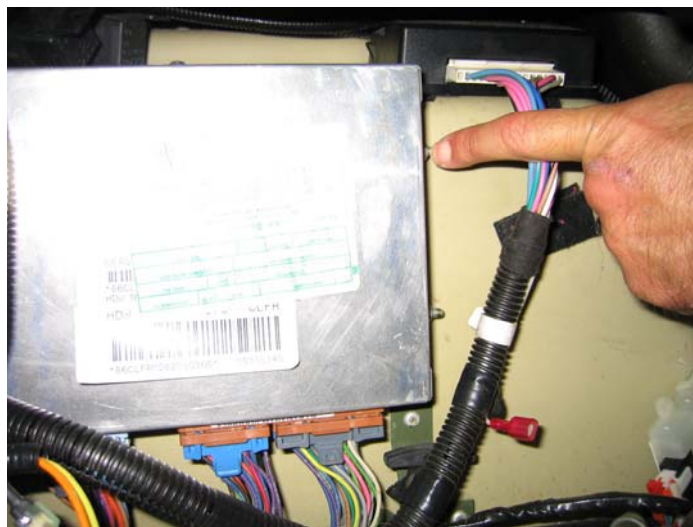


Fig. 4



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Step 4.

Once detached, unclip the three wire harnesses clipped onto the stock ECM and remove stock ECM from Hummer. Remove two bolt clips from stock ECM and attach to RapTorq ECM. Insert the three wire harnesses into the RapTorq ECM. Bolt RapTorq in place using stock hardware. See Fig. 5



Fig 5.

Step 6.

Reinstall cup holder and glove box.

Step 7.

Insert RapTorq™ Certificate of Authenticity into owner's manual or glove box for future reference.

Step 8.

Affix Decals to side of vehicle just under Hummer or H1 badge located on the front side of H1. This will distinguish your H1 from the pack.

Important Notes about RapTorq™:

Due to the characteristics of the High Performance RapTorq ECM, Predator highly recommends a process called "Top Dead Center Offset Learn Procedure". This must be done using a Tech 2 Scan Tool. This is easily accomplished by having your local dealership or local automotive repair facility utilizing a Tech 2 Scan Tool run the program on your H1. We recommend they change the setting from the factory number of $-.25/-75$ to -1.94 . Characteristics of this symptom is a rough idling vehicle at apx. 650-750 RPM. Above 1000 RPM your H1 will be running very strong. Although this is very rare, we do wish to make you aware of the issue. Furthermore running a "T.D.C.O.L.P." will improve all H1's when changing the setting to the Predator recommended -1.94 setting. This is by no means mandatory for a strong running Hummer however it will greatly improve acceleration, cooling and fuel economy.

When servicing your Hummer verify with your dealer that they will not be re-flashing your ECM. Re-Flashing your ECM will erase the RapTorq™ programming.

Questions about the installation or operation of your RapTorq? Call toll-free 877-733-2867, 760-510-1298 or e-mail support@predatormotorsports.com

Other products for your H-1 include our RapBoost Turbo Boost Controller, Performance Exhaust System, RapCool PMD Isolator, High Flow Air Filter and Performance Intercooler. Gains with the above mentioned items will be in the 160-205 Hp range.

