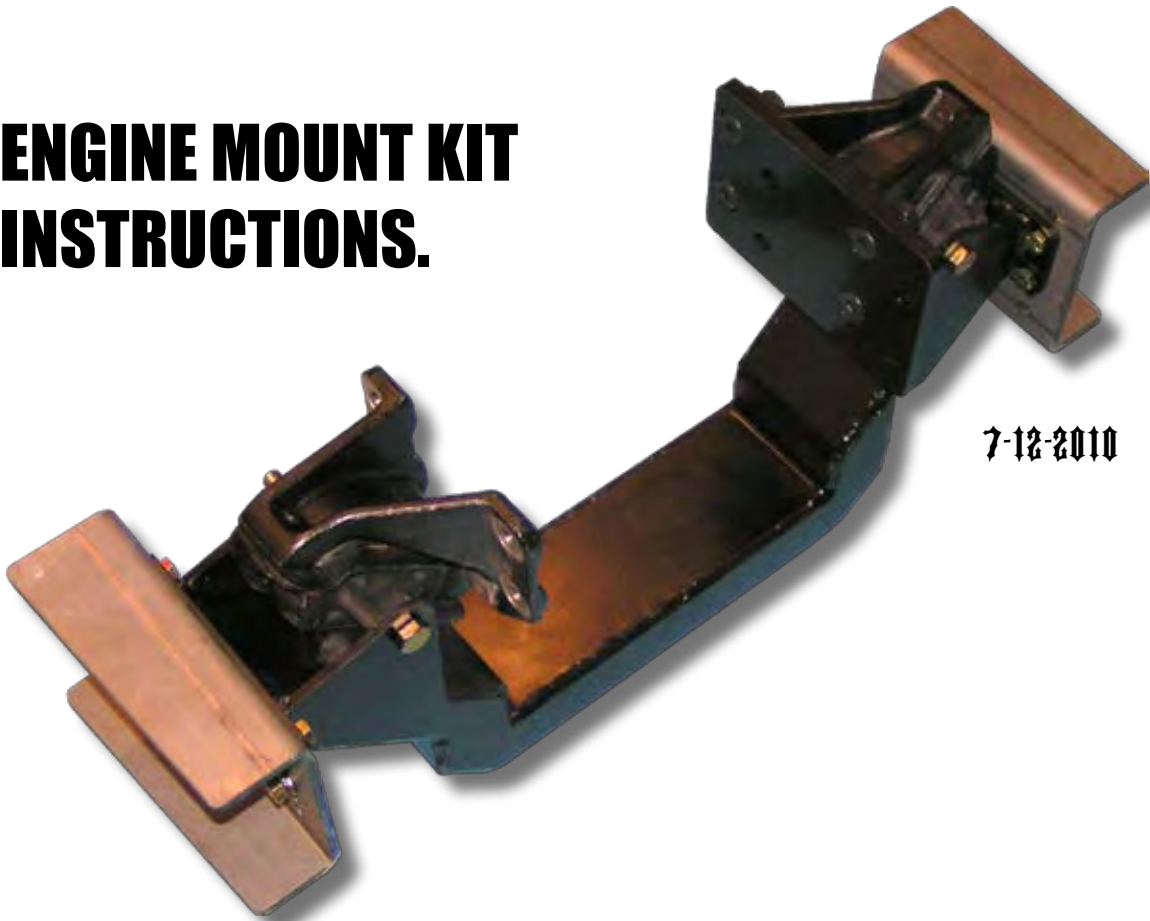




**ENGINE MOUNT KIT
INSTRUCTIONS.**



7-12-2010

A NOTE FROM SSOR:

Screamin Seeman Off Road has provided these instructions for you to make the installation of this kit as easy as possible. Of course with any mechanical change of this magnitude there may be factors involved in your engine swap that we could not foresee. Screamin Seeman wants you to know that this motor mount installation will require solid knowledge and skills in the areas of:

Mechanical
Welding
Fabrication

This Kit isn't for the faint of heart or the inexperienced, but if you have the skills (or a friend who has the skills) mentioned above, this kit installation will go smoothly and easily!

BEGIN INSTALLATION:

1: Remove old Engine Cross Member and Motor Mounts.

2: Position Frame plates between frame side rails. Some frame side rails may need to be spread due to variations in original frame manufacturing process, age and vehicle stresses. Pic-01

*NOTE! The Frame Plates are not square! They have an angled design. When installing the frame plates make sure the thinner side of the frame plate faces to the front of the frame. Check out Pic-02 for component view.



3. Now for your bravery test! You need to relieve the front cross member to accommodate the harmonic balancer of the Cummins motor. Using the tools of your choice (torch, plasma cutter, or saw) you will need to remove roughly 1.5 - 2" of height from the cross member. Re-enforcing of this relief is at the builders discretion - SSOR recommends re-enforcement of this cross member. Pic-03

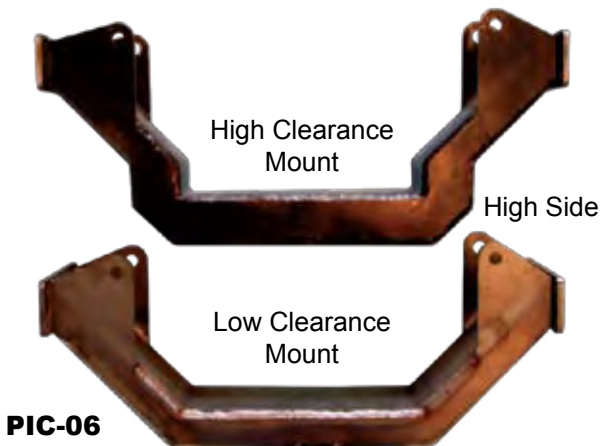
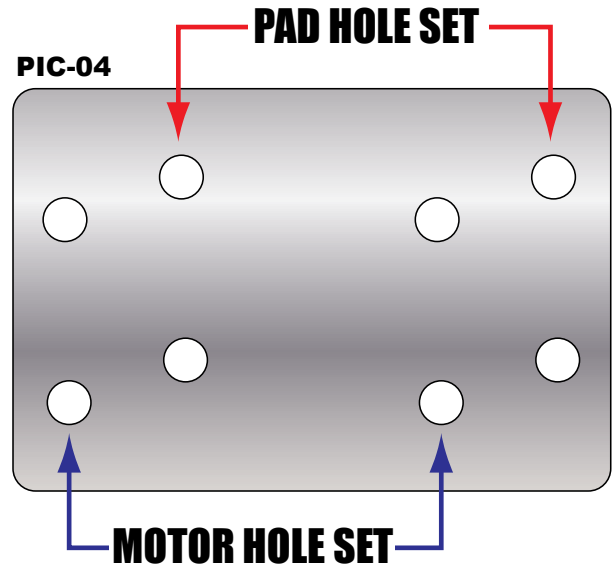


THE MOTOR:

4: Install the drivers side Insulator Adapter Plate plate to the driver's side of the motor, with the "Motor Set" holes facing forward and down on the engine block. The "Pad Set" holes will be up and towards the back of the motor. See Pic-04 to clear up any confusion here. Check out Pic-05 to see the mount installed on the motor.

5: Finish your motor mount installations by bolting on the motor mount pads (provided) as well as the new motor cross member.

*NOTE! - The Screamin Seaman motor mount kit comes with either a high or low clearance cross member. Pic-06 gives you the view of both. These cross members also have a high and low side to maintain proper leveling of the motor. The high side of the new cross member **MUST** go on the drivers side or every thing is going to be messed up! Remember, we told you! Once again, check Pic-06!



MOTOR WITH MOUNT IN PLACE



INSTALLATION CONTINUED:

6: With motor mount in place and the engine and transmission are joined together move the motor/transmission into place and test fit your engine for height as well as forward and reverse position. (Towards and away from radiator) Once the desired engine placement has been achieved, it's time to get the mounting plate locations finalized. Adjust the side plates so you can bolt the engine cross member to the frame plates. Adjust plate position by sliding them forward or backwards within the frame of the truck. Make sure to keep placement of the motor square within the frame to maintain optimal performance and drive-ability!

Once the optimal position has been set, finalise the placement by marking both the top and bottom bolt hole placements of the side plates within the frame. Now drill and secure the frame side plates to the frame and tighten up the other bolt connections.

You're done!

KITS AND PARTS LIST

Kit Includes:

- 1 - High or Low Clearance Cross Member
- 2 - Frame Plates
- 2 - Insulators
- 2 - Engine Side Castings
- 1 - Hardware Kit
- 1 - Insulator Adapter Plate (drivers side) - For use only with 12 valve engine installation. This plate is not needed with 24 Valve or Common Rail engine installations.



LOW CLEARANCE KIT



HIGH CLEARANCE KIT



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