



BULLY DOG

#1 IN PERFORMANCE



INSTALLATION MANUAL

- *PMT Parts*
- *In cab installation*
- *Pyrometers*
- *Power Wires*

Remember to Update!!!

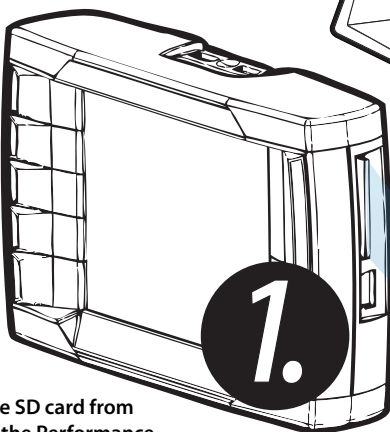
Always update your product before installing on a vehicle using the Update Agent internet update software. Visit www.bullydog.com to download the Update Agent and get installation instructions for the Update Agent. The diagram below shows just how easy the update process is for the PMT, for detailed update instructions check the operations manual.

3.

Plug the SD Card Reader into a PC that has the Bully Dog software program: The Update Agent.

4.

Use the Update Agent to update the PMT SD Card before installing the PMT on the vehicle. This will ensure that the PMT has the latest programming available from Bully Dog.



1.

Remove the SD card from the side of the Performance Management tool.

2.

Insert the SD Card into the SD Card Reader that is included with the Performance Management Tool.

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INTRODUCTION (INSTALLATION INSTRUCTIONS)

Congratulations on purchasing the Performance Management Tool, the PMT is the most advanced vehicle downloader, controller, monitor and gauge in a single unit. This product is engineered to provide the most benefits and the greatest features of any combination of engine performance and monitoring enhancements in the automotive aftermarket.

This installation instruction manual covers the physical installation of the Performance Management Tool, it does not cover any of the download information or monitoring features. That information can be found in the Operators Manual. This installation manual will illustrate that the PMT is a very easy product to install on any of the applicable vehicle applications. See the current vehicle applications below.

For technical support and all product related questions call: (866)-285-5936.

This instruction set outlines how to install the PMT on the following vehicle applications with the engine size, year, and brand listed:

- ☒ DODGE 5.9L Cummins '03-'07
- ☒ DODGE 6.7L Cummins '07.5-'08
- ☒ FORD 6.0L Power Stroke '03-'07
- ☒ FORD 6.4L Power Stroke '08
- ☒ GM 6.6L Duramax (LB7, LLY, LBZ, LMM) '01-'08



For vehicle applications which have one of the motors listed above but do not share the same vehicle application, call our technical support before attempting an install. Also check our website to see if new vehicle applications have been added.



BILL OF MATERIALS

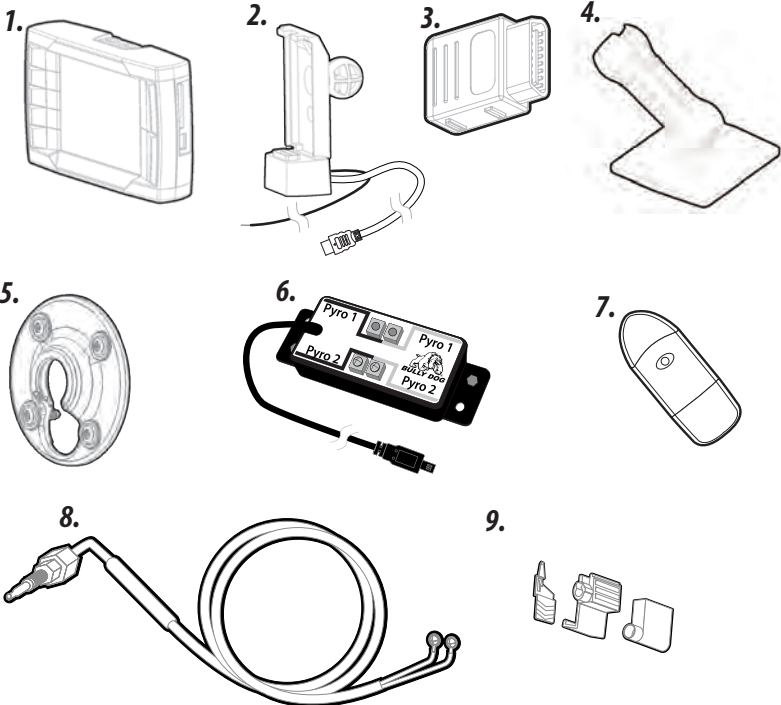
The list below includes by name the major parts included in your PMT package. The tools list indicates all of the tools necessary to complete the PMT install.

BILL OF MATERIALS

1. The PMT Head Unit
2. PMT Cradle w/ Cradle Cable & Power Wire
3. OBDII Adapter Plug
4. Dash Mount Assembly
5. Custom PMT Mount Assembly
6. PCH Assembly w/PCH Cable
7. SD Card Reader
8. Pyrometer Cable
9. Power Wire connectors

TOOLS NEEDED

- Flat Head Screwdriver
- Phillips Head Screwdriver
- Wire Strippers
- Electric Drill
- $\frac{5}{16}$ " Drill Bit
- $\frac{1}{8}$ " Pipe Tap
- $\frac{9}{16}$ " Wrench
- $\frac{5}{8}$ " Wrench
- Fuse Puller



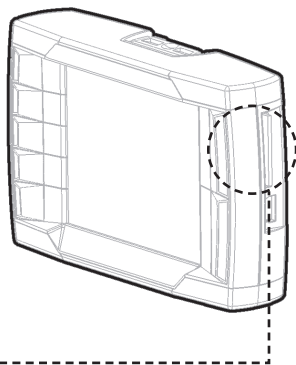
PARTS DESCRIPTION

This section describes each of the parts in the Bill of Materials, each description provides a physical set of attributes and a purpose for each part. The parts descriptions also list everything that is included in each assembly.

The PMT Head Unit

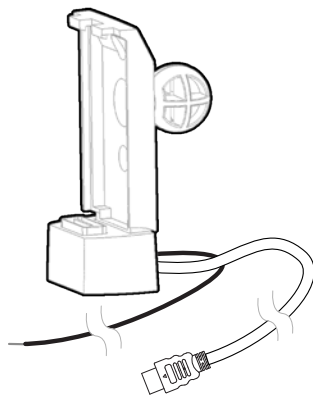
The main component is the PMT Head Unit. The Head Unit is the interface through which you control vehicle performance parameters. It is also the brains that will save vehicle activity and defuel a vehicle. Notice that the head unit has seven total buttons; five on the left side and two on the right. The PMT also has a large color screen, an electronic plug for docking on the bottom and a snap hinge on the top also used for docking. Note that the head unit is the last piece installed.

Note: The PMT includes a SD card inserted in the side of the Head Unit. The SD Card is used to transfer information to the PMT from the PC such as internet updates and new vehicle applications.



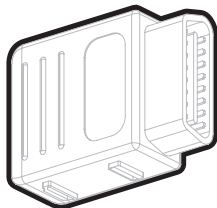
PMT Cradle with Cradle Cable and Power Wire

The cradle itself is the docking station for the PMT Head Unit. It acts as the line of communication between the PMT and the vehicle. Notice that two wires come out of the bottom back side of the cradle, the Cradle Cable and the Power Wire. The Cradle Cable runs to the OBDII Adapter Plug and the Power Wire runs to the vehicle fuse box.



OBDII Adapter Plug

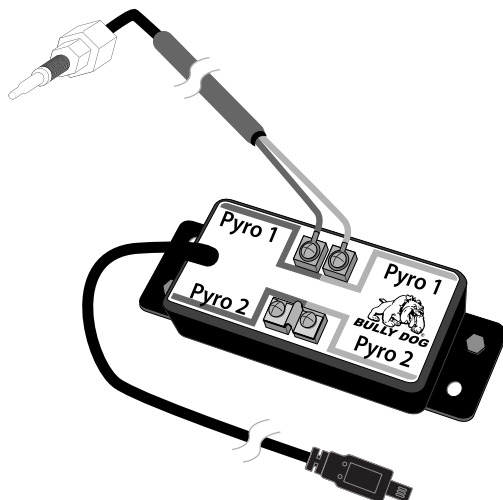
The OBDII Adapter is rectangular, it has a total of four electronic ports. The largest port on the top of the adapter plugs into the vehicle OBDII port. The three smaller ports on the sides include: a Cradle Cable port on one side, and on the opposite side a 4 Pin PCH Cable port and a 5 Pin Peripheral port. The main purpose of the OBDII Adapter Plug is to act as a hub for all communication lines between the PMT and the vehicle.



Pyrometer Connection Head (PCH) Board Assembly

The PCH Board or Pyrometer Connection Head serves as a dock to connect the pyrometers into the PMT system. The PCH Board includes the ability to connect two pyrometers. Attached to the PCH Board housing is a cable with four pin plug which connects to the OBDII Adapter Plug. The list below includes all separate parts that make up the entire PCH Board Assembly.

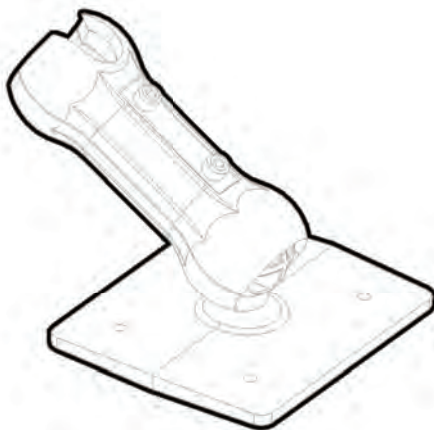
- PCH Board
- Velcro
- (2) Self-tapping Sheet Metal Screws
- Pyrometer Cable



Dash/Windshield Mounting Assembly

This mounting assembly is recommended mainly for use on the dash of the vehicle, but can also be used in the same manner on the windshield of the vehicle. The assembly includes all parts and pieces necessary to mount the cradle, along with the PMT to the vehicle dash or windshield. The list below includes all parts and pieces of this assembly (must be assembled by installer):

- Mounting Base
- Top Cradle Arm
- Bottom Cradle Arm
- Top Aluminum Plate
- Bottom Steel Plate (threaded)
- (2) Flat-head Screws
- Double Stick Foam Tape.

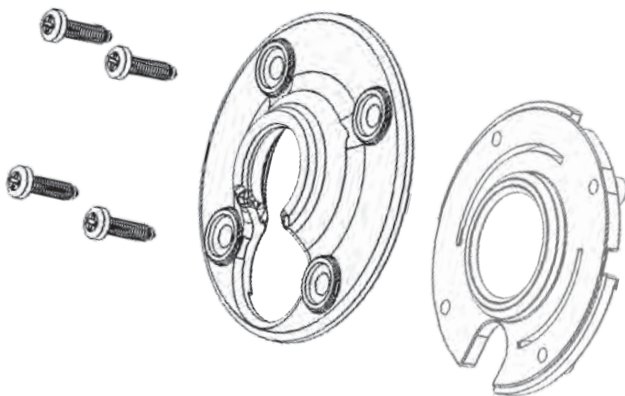


Custom PMT Mount Assembly

This mounting assembly enables the PMT to be mounted on any of the Custom PMT Mounts. To Use this mounting style require that a Custom PMT Mount be purchased from Bully Dog.

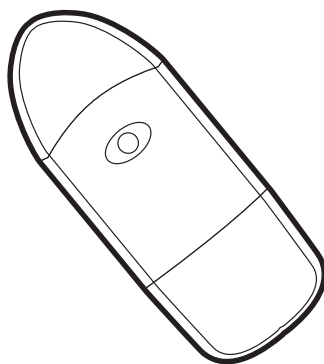
The Custom PMT Mount Assembly includes:

- Front Mounting Plate
- Back Mounting Plate
- (4) Mounting Screws



USB to SD Card Adapter

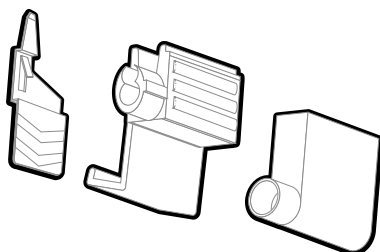
This Card Reader is used to update the PMT's SD memory card . It is used primarily for internet updates.



Power Wire Connectors

There are three different connector included:

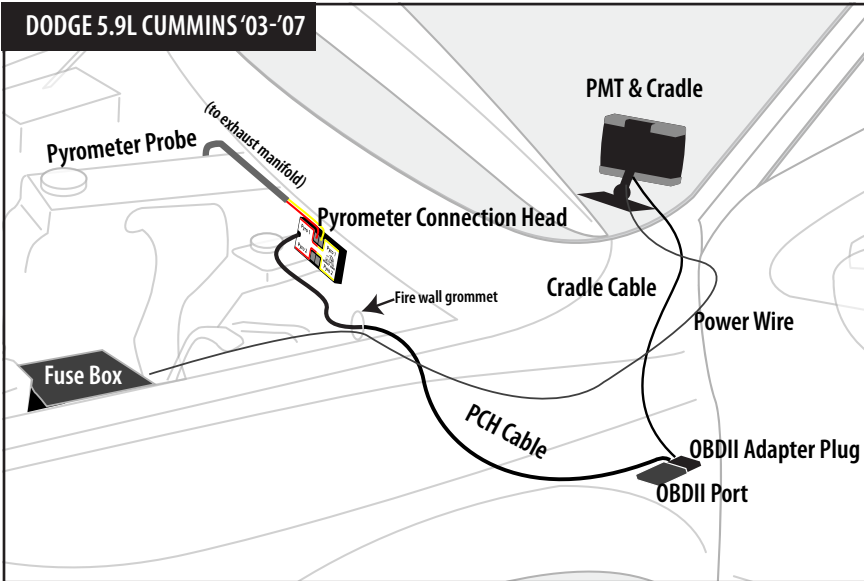
- 90 degree connector: used for fuse box connections.
- Fuse jack with spade connection: used in conjunction with 90 degree connector.
- Scotch guard connector: Used to connect power wire to accessory power wire lines. (Ford 6.4L Power Stroke '08)



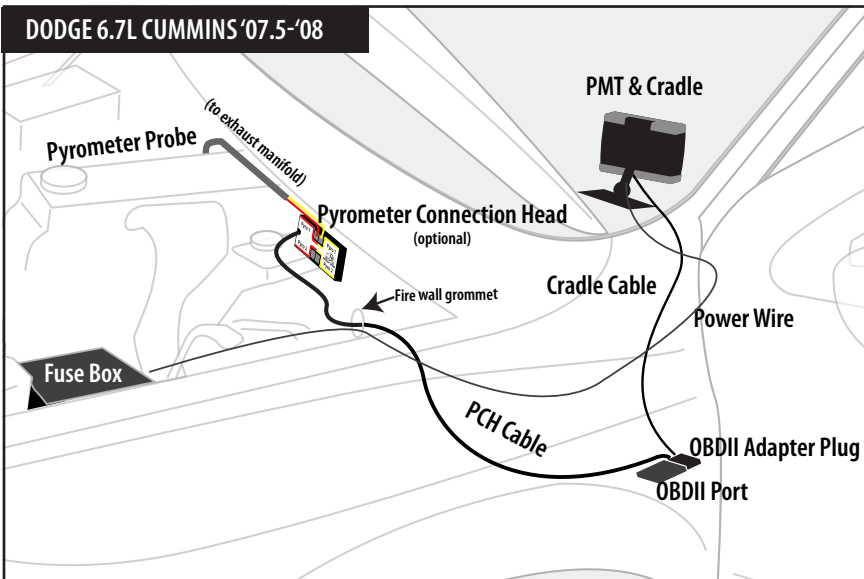
INSTALLATION OVERVIEW

The installation overview illustrates a totally installed and functional PMT system. This overview is meant to help reference the general location of installed parts and pieces of the PMT. In this section is a diagram for all applications listed in the introduction. Each diagram is vehicle specific for the application it illustrates.

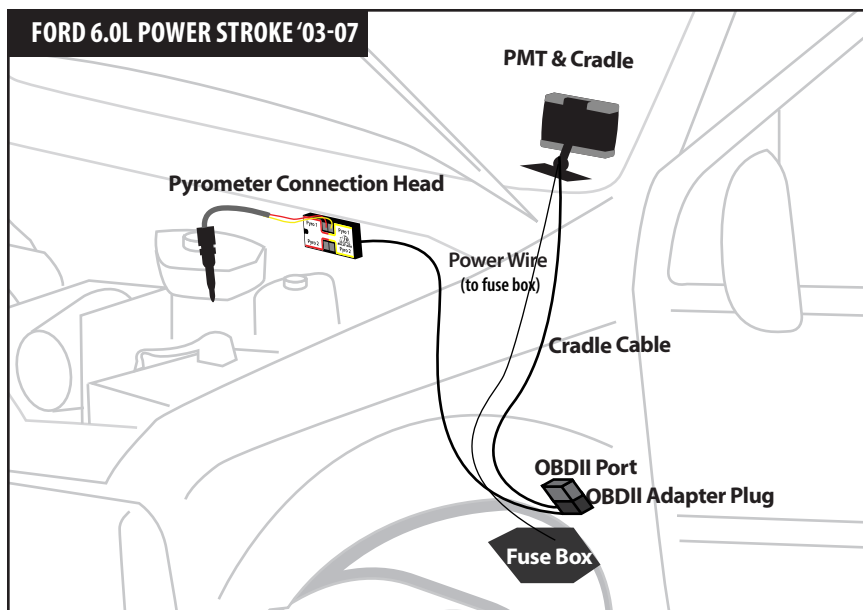
DODGE 5.9L CUMMINS '03-'07



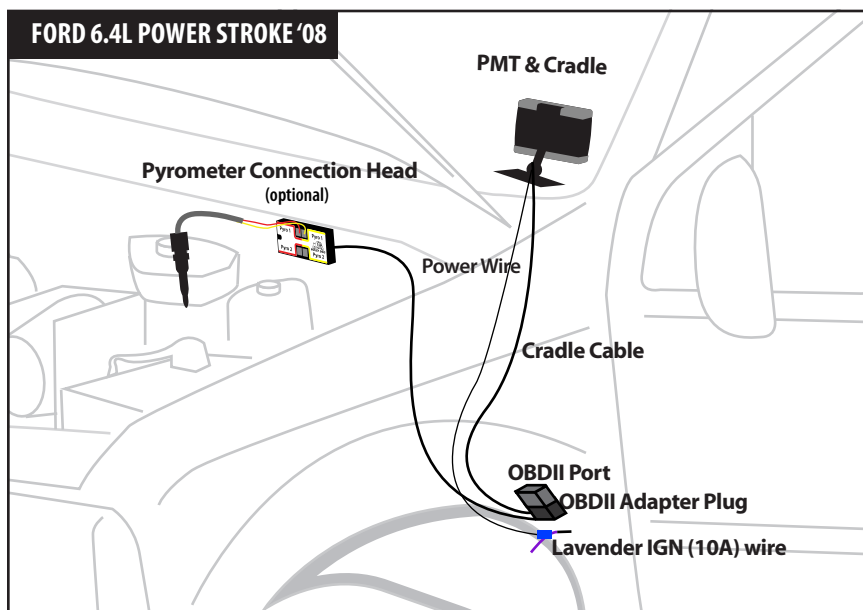
DODGE 6.7L CUMMINS '07.5-'08



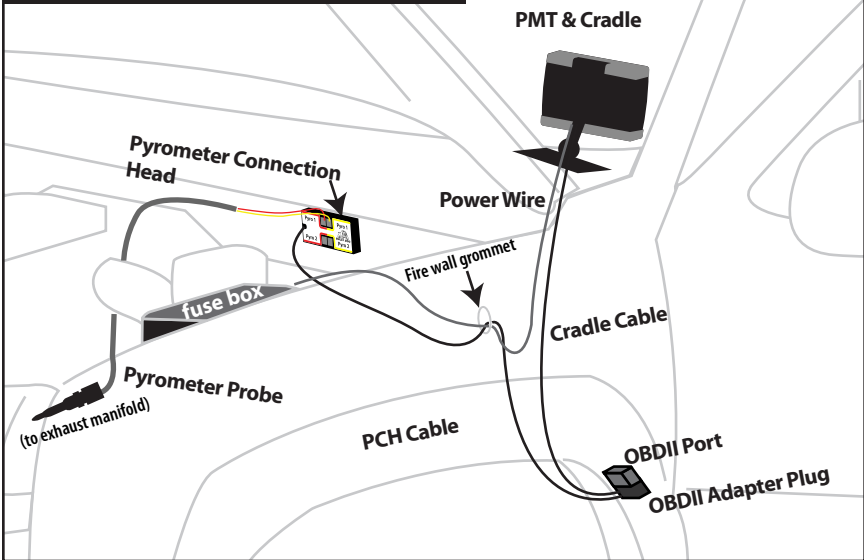
FORD 6.0L POWER STROKE '03-07



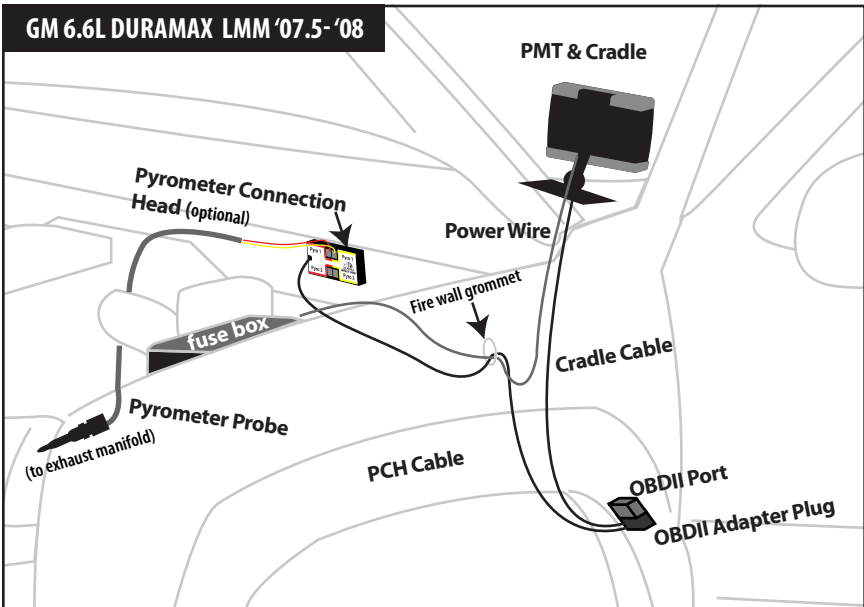
FORD 6.4L POWER STROKE '08



GM 6.6L DURAMAX (LB7, LLY, LBZ) '01-'07



GM 6.6L DURAMAX LMM '07.5-'08



PMT INSTALLATION INSTRUCTIONS

These installation instructions are split into five sections. Each section provides a comprehensive description of installation for all vehicle applications. The five sections are:

SECTION 1: *Mounting the Cradle*

SECTION 2: *Installing the Pyrometer and the PCH Board*

SECTION 3: *Installing the OBDII Adapter*

SECTION 4: *Installing the Power Wire*

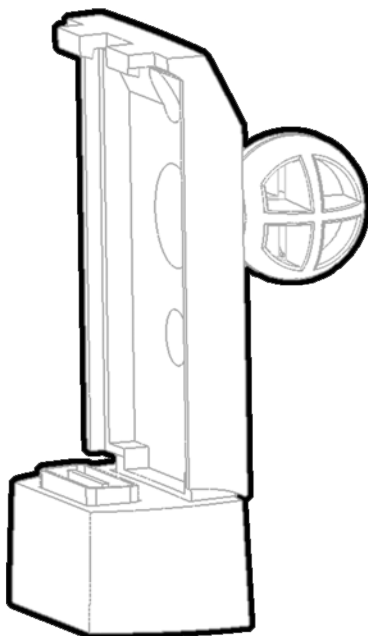
SECTION 5: *Proper docking and removal of the PMT from the Cradle*

SECTION 1: MOUNTING THE CRADLE

In this section you will decide where to mount the PMT Cradle, so you are essentially choosing the location for the PMT inside the vehicle cab. First, decide which mounting style you will choose for the PMT; we offer three different styles of mounting:

1. Custom PMT mounting (most recommended)
2. Dash mounting
3. Windshield mounting

The following mounting instructions outline how to mount the PMT, explaining each mounting style individually.

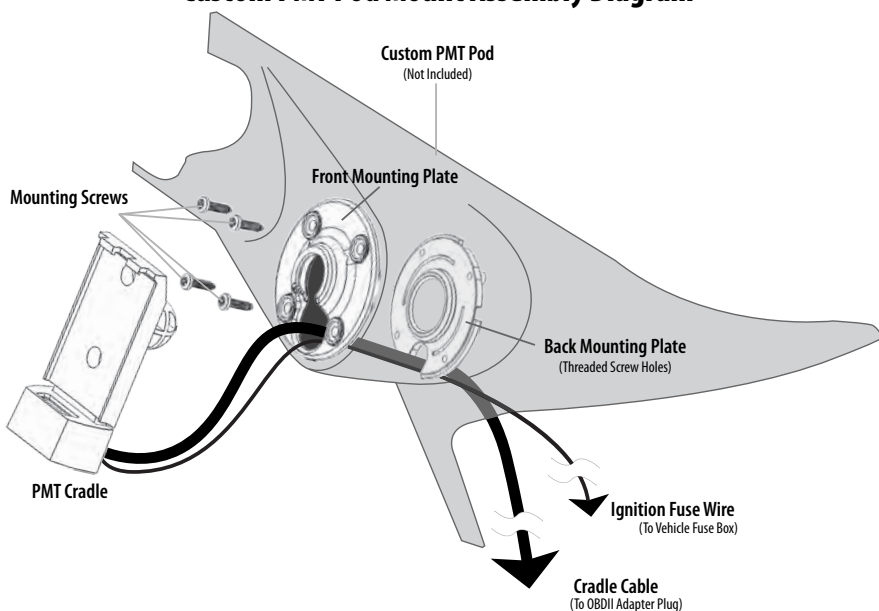


CUSTOM PMT MOUNTING

We recommend the Custom PMT mounting style, because it makes for the best looking, most convenient and least intrusive mounting style. The Custom PMT mounting style does require that a Custom PMT Pod be purchased from Bully Dog; see part numbers and vehicle applications for a Custom PMT Pod in the appendix of this installation manual. The Custom PMT mounting assembly comes in separate pieces and needs to be assembled before it is installed.

This diagram illustrates how the Custom PMT Mount Assembly is used to attach the cradle to any Custom PMT Pod Mount.

Custom PMT Pod Mount Assembly Diagram





TO ASSEMBLE:

1. Gather the following parts to begin assembly:

- PMT Cradle with Cradle Cable and Power Wire
- Four Mounting Screws
- Front Mounting Plate
- Back Mounting Plate
- Vehicle Specific Custom PMT Pod

2. With all assembly pieces gathered, refer to the Custom PMT Pod Mount Assembly Diagram for a visual reference on how the assembly fits together. Steps 3 through 6 explain how to assemble the pieces, the Custom PMT Pod Mount Diagram shows what the assembled mounting style looks like.

Note: that installation instructions for each vehicle specific Custom PMT Pod are included with the Custom PMT Pod, and are not described here.

3. Insert the ball that is on the back of the cradle into the lower hole on the front of the Front Mounting Plate and then shift the ball into the center of the Front Mounting Plate. Make sure that the extruded part of the Front Mounting Plate is facing the cradle when inserting the ball.

4. Run the Cradle Cable and Power Wire through the lower hole on the front of the Front Mounting Plate and then through the hole on the front side of the Custom A-Pillar Pod. Pull all of the slack in the Cradle Cable and Power Wire through the Front Mounting Plate and the Custom A-Pillar Pod.

5. With the Cradle still attached, put the Front Mounting Plate up to the hole on the Custom A-Pillar Pod, then place the Back Mounting Plate up to the backside of the hole on the Custom A-Pillar Pod. Make sure that the slot on the Back Mounting Plate is pointing downward like in the Custom A-Pillar Pod Mount Assembly Diagram so the Cradle Cable and Power Wire can get through the mount and down to the OBDII Adapter Plug and vehicle fuse box.

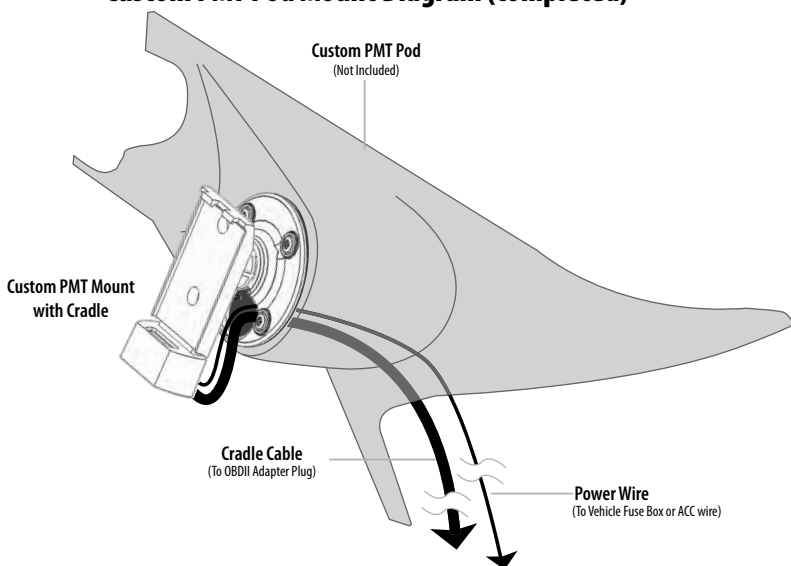
6. Use the four mounting screws to secure the connection of all pieces in the assembly. Tighten the screws all the way down. See the Custom A-Pillar Pod mount diagram, finished assembly should look identical.

7. To install the A-Pillar Pod Mount assembly on a vehicle refer to the instructions included with the Custom A-Pillar Pod.

- Run the end of the Cradle Cable and Power Wire down through the driver's side of the vehicle dash and pull all of the extra slack in the cable down also. The Cradle Cable plug will need to be connected to the OBDII Adapter Plug and the Power Wire will need to be connected to our recommended power source.

This diagram illustrates how the Custom PMT Mount Assembly looks when properly assembled with the cradle and a Custom PMT Pod Mount.

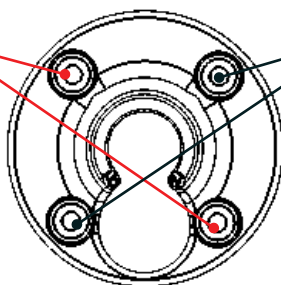
Custom PMT Pod Mount Diagram (completed)



TIGHTENING THE CUSTOM A-PILLAR MOUNT SCREWS TIP

The four screws included with the Custom A-Pillar Mount work in pairs to perform two different functions in securing the cradle to the Custom A-Pillar Mount. See the diagram below for details in tightening the screws properly.

These two screw locations tighten the mount to the A-Pillar itself. Only completely tighten these screws down when the mount is in the A-pillar and the A-pillar is installed on the vehicle.



These two screw locations tighten the front and back mounting plates together to create a tight fit over the cradle ball. Use these two screws to adjust the tightness of the swivel effect of the cradle in the mount.

DASH MOUNTING

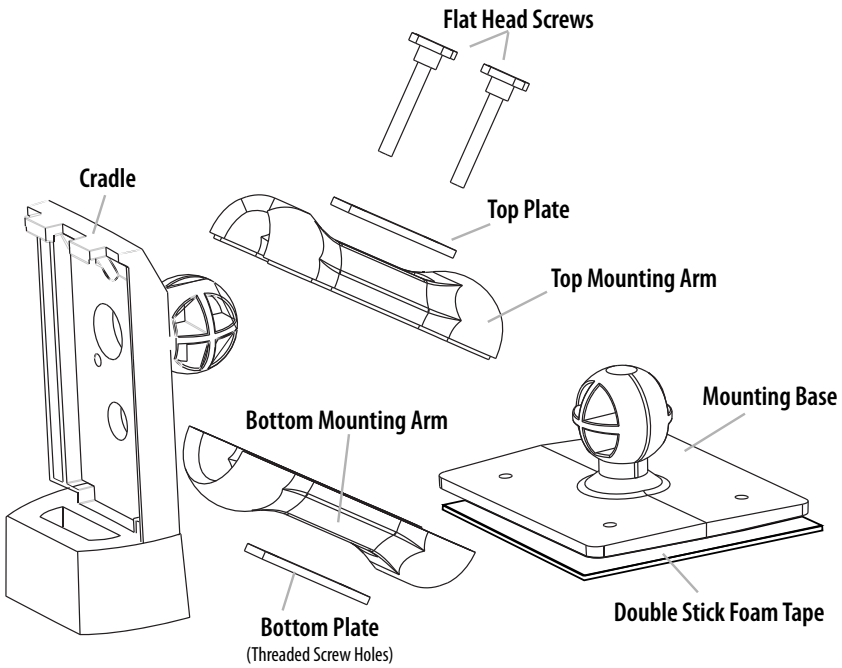
Dash mounting is a quick and easy way to mount the PMT. The dash mounting pieces do require some assembly. Dash mounting requires all parts in the dash mount assembly diagram.

TO ASSEMBLE:

1. Gather the Dash Mounting assembly pieces:
 - Top Mounting Arm
 - Bottom Mounting Arm
 - The Cradle with Cradle Cable
 - Dash Mounting Base with Foam Tape
 - Top Plate
 - Bottom plate (with threads)
 - (2) Flat-Head Screws
2. Insert the metal top plate into the recessed area on top of the top mounting arm and hold it in place while inserting the bottom plate into the bottom mounting arm (note: the bottom plate has threaded screw holes).
3. Bring the arms together with the ends of the arms covering the ball on the cradle back and the ball on the mounting base. When together they will form two ball joints connected by a single arm.
4. Insert the two Flat-Head screws in the two holes in the top plate and then thread them into the bottom plate through both arm pieces. Hand tighten the screws just enough so that the assembly stays in one piece. You will fully tighten the screws once a mounting location on the dash has been located and a desired angle for mounting is chosen.

This diagram illustrates all of the pieces included in the Dash mount Assembly. It also roughly illustrates how all of the peices fit together.

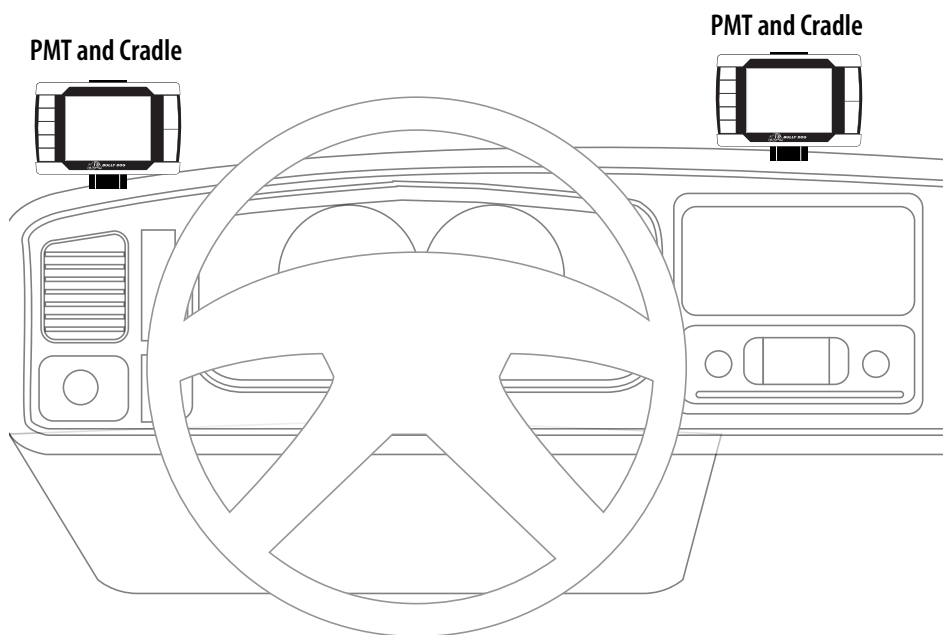
Dash Mount Assembly Diagram



TO MOUNT THE DASH ASSEMBLY:

1. Use the PMT to gauge where on the dash of the vehicle you want the PMT to sit. See the dash mounting diagram for a quick example of the two recommended dash mounting locations.
2. Once a mounting location is chosen, determine the position of the PMT and direction the PMT will face by moving the ball and socket joints of the dash mount assembly. Once you find the right position tighten down the two Flat-Head screws to secure that position, the screws must be tightened sufficiently to hold the PMT in position.
3. Make sure that the mounting location on the dash is cleaned, preferably with isopropyl alcohol. Peel the backing off of the double stick foam tape on the bottom of the dash mounting base and stick the dash mount assembly along with the cradle to the dash. Press down firmly to ensure that the adhesive reaches full contact with the dash.

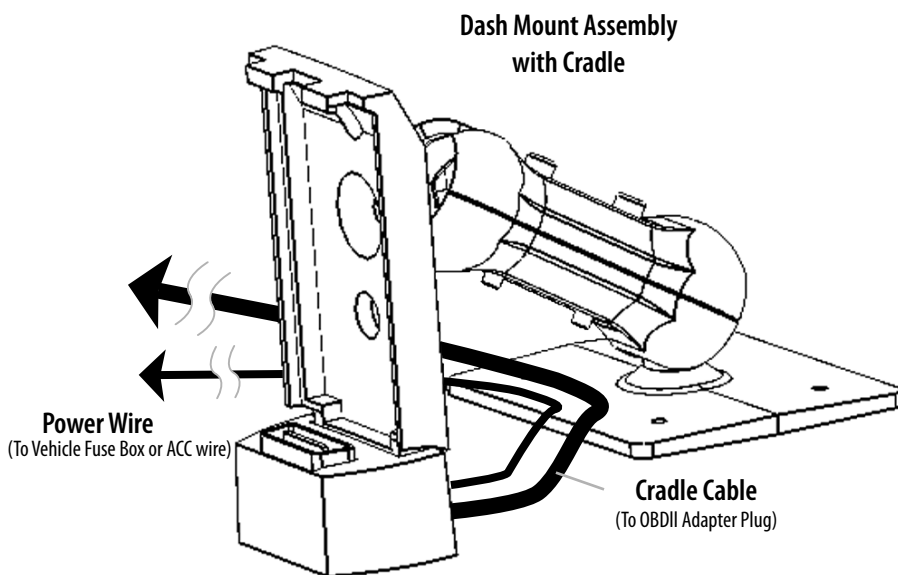
PMT Dash Mount Recommended Locations



4. Run the end of the Cradle Cable down through the driver's side of the vehicle dash and pull all of the extra slack in the cable down also. The Cradle Cable Plug will need to be connected to the OBDII Adapter Plug and the Power Wire will need to be hooked to a fuse in the vehicle fuse box.

This diagram illustrates a completely assembled Dash mount Assembly

Dash Mount Diagram (completed)



WINDSHIELD MOUNTING

Follow the same instructions for the dash mount procedure; apply the same instructions to the windshield of the vehicle rather than the dash.

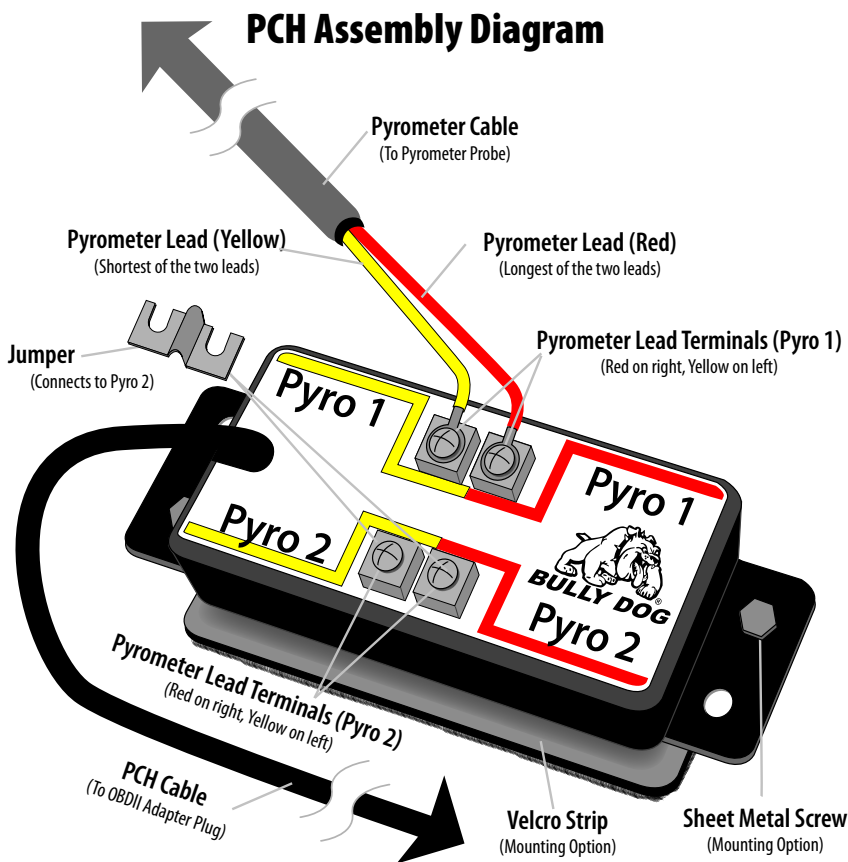
SECTION 2: INSTALLING THE PYROMETER & THE PYROMETER CONNECTION HEAD (PCH)

The PCH Assembly Diagram provides a quick visual description of all parts and pieces needed to acquire pyrometer temperatures. The parts described in the diagram below will be referred to in this section of the installation instructions.

IMPORTANT NOTICE FOR VEHICLE WITH A DIESEL PARTICULATE FILTER:

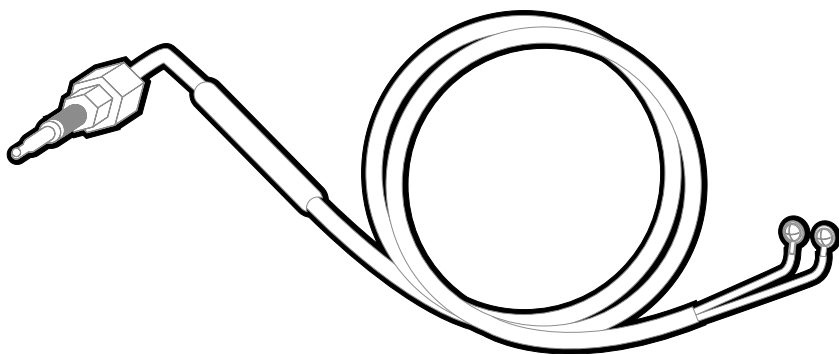
All Vehicles that were released with a DPF (diesel particulate filter) installed have pyrometers

Installing the PCH on the '07.5-'08 vehicles with a DPF is optional, but recommended.



INSTALLING THE PYROMETER PROBE

In this section you will drill and tap the Pyrometer Probe in the exhaust, either pre-turbo or post-turbo as a means to collect exhaust gas temperatures (EGT). Exhaust gas temperatures indicate how hot the motor is getting and can be used to set safety defueling parameters (see Operating Instructions Set Pyrometer defuel Level).



POST-TURBO VS. PRE-TURBO

The reason a pyrometer should be installed is strictly for vehicle safety. A pyrometer should be mounted into the vehicle exhaust stream either post-turbo or pre-turbo anytime aftermarket performance parts are added to a vehicle. The question is what is the difference in mounting locations and how is the location going to effect the vehicle. The short of it is that Pre-turbo mounting is generally recommended because it provides more accurate and responsive EGT readings; exhaust gas flowing out of the engine will hit a pre-turbo pyrometer before a post-turbo pyrometer.

Installing a pyrometer post turbo is still an accurate reading, and if the vehicle is not running a great deal of extra horsepower (100+ over stock) then a post turbo pyrometer located 4-6" downstream from the turbo charger is adequate.

If a vehicle is consistantly running more that 100 horsepower over stock, it is recommended that a pre-turbo and a post-turbo pyrometer are installed in the exhaust.

For ease of installation, if you are installing a single Pyrometer Probe it is recommended that you install the probe pre-turbo on the Ford Power Stroke and GM Duramax, and post-turbo on the Dodge Cummins.

For information on the OEM installed pyrometers on the vehicles running diesel particulate filters, refer to the next page.

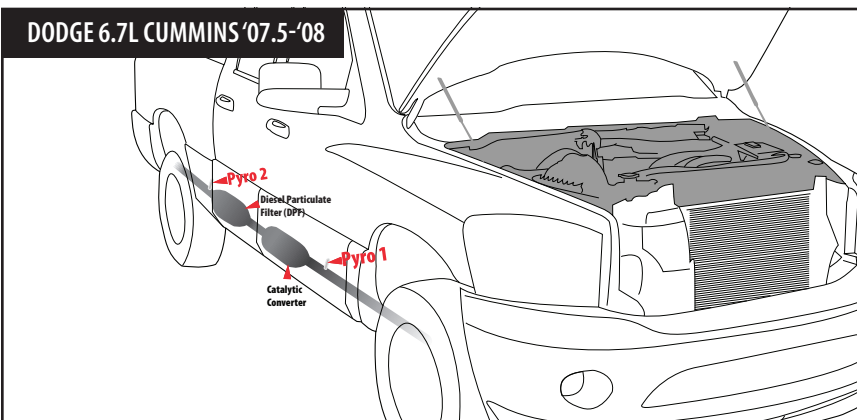
INFORMATION REGARDING LATE MODEL DIESELS WITH DIESEL PARTICULATE FILTERS:

All of the late model diesels with diesel particulate filters have pyrometers already installed in the exhaust stream for the purpose of monitoring exhaust gas temperatures. Some of the pyrometers are too far down the exhaust stream to provide a completely accurate reading, so we recommend that additional pyrometers be installed. The PMT looks at all of the pyrometers shown in the illustrations below. See the recommendations for installing additional pyrometers on the bottom of each illustrations.

PYROMETER TEMPERATURE SPIKES:

When a vehicle goes into burn-off mode, which is a cycle of cleaning the diesel particulate filter, pyrometer temperatures will spike to a high temperature. When this occurs the PMT automatically reduces the power level to stock for the duration of the dpf Burn-off.

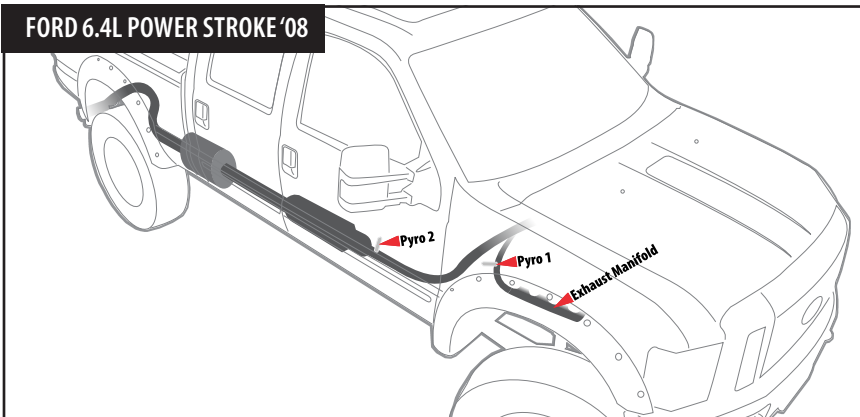
DODGE 6.7L CUMMINS '07.5-'08



RECOMMENDED INSTALL: POST-TURBO PYROMETER 4-6" DOWN FROM TURBO

The Dodge 6.7L Cummins has two pyrometers that the PMT monitors: one before the catalytic converter and one after the diesel particulate filter. These pyrometers are very far down the exhaust stream and may not give accurate readings for what is taking place in the engine cylinder. We recommend the addition of a pre or post turbo pyro.

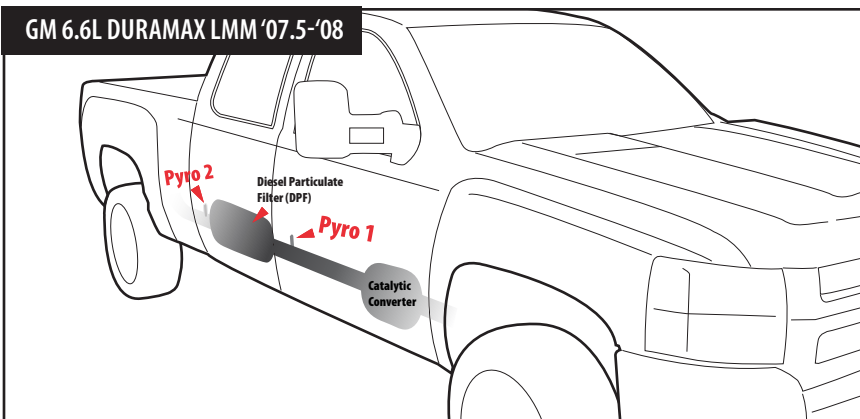
FORD 6.4L POWER STROKE '08



RECOMMENDED INSTALL: PRE-TURBO PYROMETER (OPTIONAL)

The Ford 6.4L Power Stroke has two pyrometers that the PMT monitors: one before the turbo charger just after the exhaust manifold and one just before the catalytic converter. This combination of pyrometers should be ample to provide accurate readings for monitoring and defueling. Installing additional pyros on this vehicle is optional.

GM 6.6L DURAMAX LMM '07.5-'08

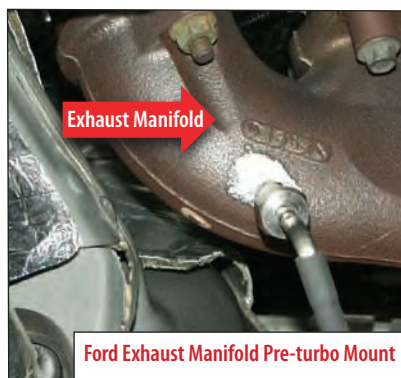
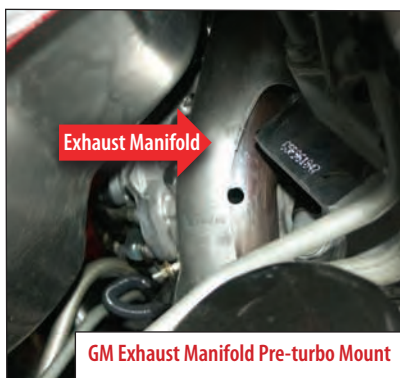


RECOMMENDED INSTALL: PRE-TURBO PYROMETER

The GM 6.6L Duramax has two pyrometers that the PMT monitors: one in between the catalytic converter and the diesel particulate filter, and one after the diesel particulate filter. These pyrometers are very far down the exhaust stream and may not give accurate readings for what is taking place in the engine cylinder. We recommend the addition of a pre or post turbo pyro.

PRE-TURBO MOUNT: IF YOU HAVE NEVER INSTALLED A PYROMETER, SEEK PROFESSIONAL HELP!!!

1. Drill a $\frac{5}{16}$ " hole into the exhaust manifold where all the exhaust runners of the manifold come together, just before the turbo exhaust inlet.
2. Tap the hole with a $\frac{1}{8}$ " pipe tap.
3. Mount the Pyrometer Probe in the hole using a $\frac{9}{16}$ " wrench to tighten the threaded insert into the tapped pyro hole.
4. Then tighten the Pyro Probe Cap to the holder using a $\frac{5}{8}$ " wrench.
5. Run the Pyro Cable up to engine bay; let the end of the cable sit while installing the PCH Board.



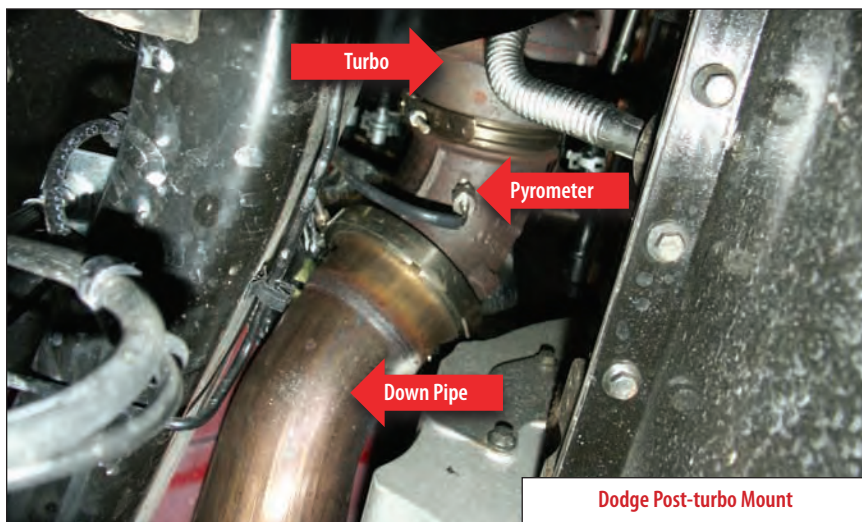
WARNING: If any debris such as drill bits and metal shavings drop inside the manifold, we advise that the manifold be removed from the vehicle so that the debris can be removed before starting the vehicle again.

TOOL TIP, PRE-TURBO MOUNT

When drilling into the exhaust manifold, metal spews, shavings, and broken drill bits can fall inside. This can be hazardous to your turbo when the engine starts. Try doing four things to avoid this possible problem. One, use a high quality twist bit and a slow speed drill, about 500-800 rpm. Two, start with a small pilot bit about $\frac{1}{8}$ ", then use the full $\frac{5}{16}$ " bit after the smaller one has punched through. Three, grease your drill bit in addition to the normal lubricant, this will catch flying spews as they are cut. Four, just prior to punching through into the inside of the manifold, start the engine and build up exhaust pressure on the inside of the manifold (blows spews outside the manifold instead of letting them fall inside).

POST-TURBO MOUNT: IF YOU HAVE NEVER INSTALLED A PYROMETER, SEEK PROFESSIONAL HELP!!!

1. Find a location on the exhaust pipe that is 4"-6" downstream from the turbo charger output.
2. Drill a $\frac{5}{16}$ " hole straight into the exhaust.
3. Tap the hole with a $\frac{1}{8}$ " pipe tap.
4. Mount the Pyrometer Probe in the hole using a $\frac{9}{16}$ " wrench to tighten the threaded insert into the tapped pyro hole.
5. Then tighten the Pyro Probe Cap to the holder using a $\frac{5}{8}$ " wrench.
6. Run the Pyro Cable up to engine bay; let the end of the cable sit while installing the PCH Board.



Dodge Post-turbo Mount

INSTALLING THE PCH BOARD

The pyrometer that was installed will now have to be connected to the PCH Board, but first the PCH Board needs to be mounted in a secure location.

1. Gather all of the parts of the PCH Board assembly:

- Pyrometer Connection Head with PCH Cable
- Self-tapping Sheet Metal Screws
- Velcro
- Jumper
- Zip Ties

2. The PCH Board needs to be mounted in a location that is secure (away from extreme heat and moving parts), and in a location in which the end of the Pyrometer Cable can easily reach.

3. Use the sheet metal screws or Velcro, or both to securely attach the PCH Board to a safe location within the engine bay.

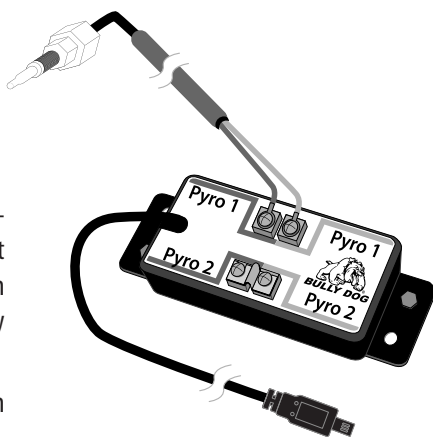
4. To connect the end of the Pyrometer Cable to the PCH Board, first remove the screw and nut on the end of the pyrometer leads, then remove the screws from the Pyro 1 heads on the PCH Board. Use those screws to secure the Pyrometer Cable leads to the PCH Pyro 1 heads, see the PCH Assembly Diagram (pg. 19) for a visual reference when connecting the pyrometer leads to the PCH Board.

Notice: Do not remove the jumper from the Pyrometer 2 location unless you are installing a second pyrometer.

If connecting two pyrometers, make a note of where each pyrometer was installed along the exhaust stream.

5. Once the PCH Board is secure and the pyrometer(s) is/are connected to the PCH Board, use zip ties to secure the pyrometer cables away from extreme heat and moving parts.

6. Run the end of the PCH Cable through the fire wall. It will need to be connected to the OBDII Adapter Plug. Use zip ties to secure all remaining cable left inside the engine bay.

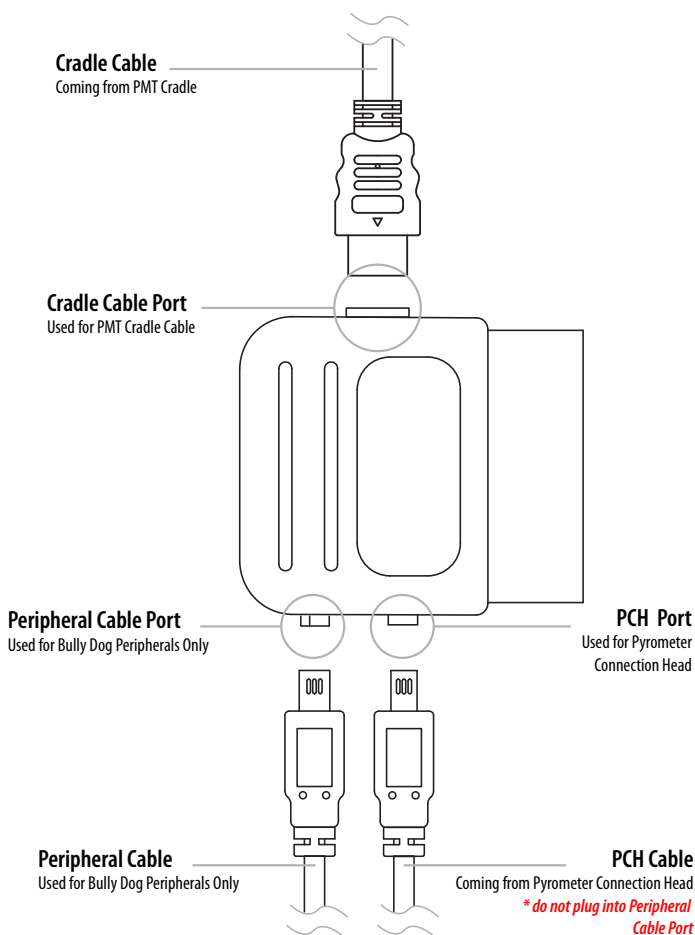


SECTION 3: INSTALLING THE OBDII ADAPTER PLUG

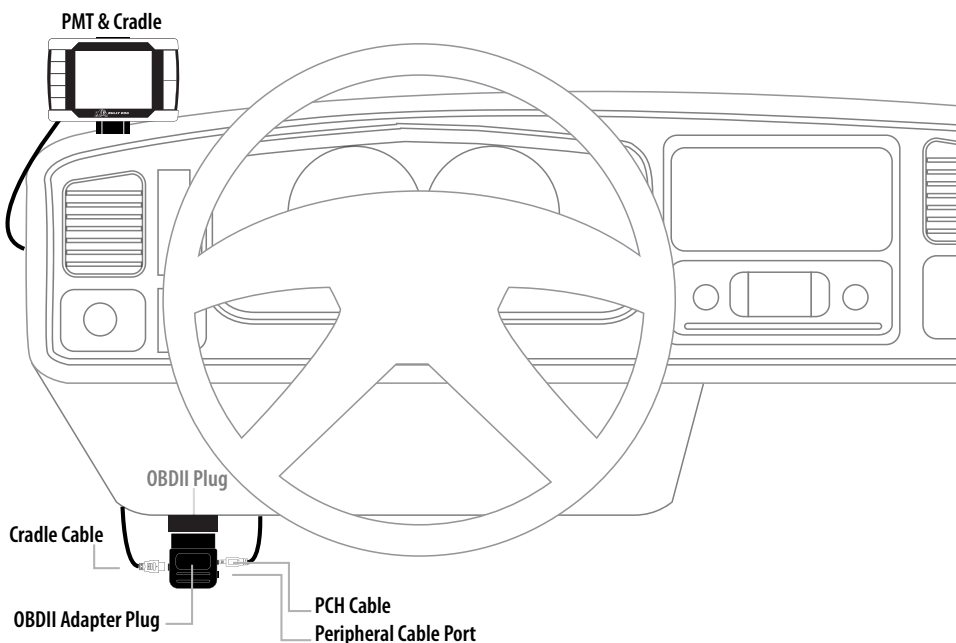
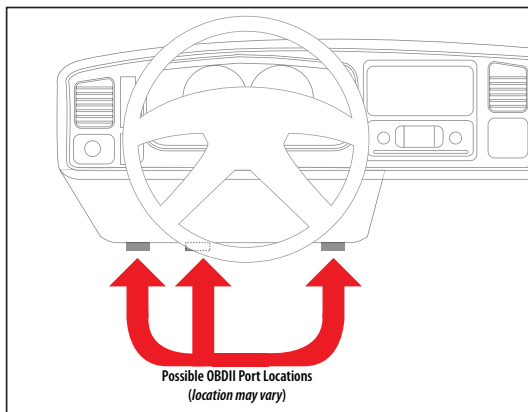
In this section you will connect the Cradle Cable and the PCH Cable to the OBDII Adapter Plug and then plug the OBDII Adapter plug into the to the Vehicle OBDII port.

1. Locate the OBDII Adapter Plug.
2. Plug the Cradle Cable and the PCH Cable into the OBDII Adapter Plug. See the OBDII Adapter Plug Diagram for a visual description.

OBDII Adapter Plug Diagram



3. Locate the OBDII port on the vehicle; OBDII ports are located under the dash on the driver's side. These ports are located in different areas under the dash for different vehicle applications; see the OBDII port locations diagram.
4. Plug the OBDII Adapter Plug into the OBDII port; see the Installed OBDII Adapter Plug diagram for an example of the finished install.

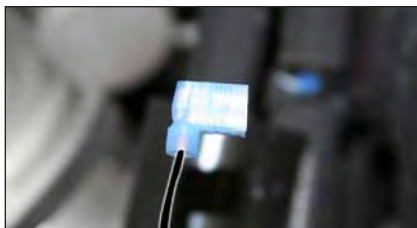


SECTION 4: INSTALLING THE POWER WIRE

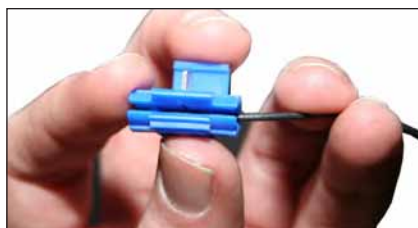
In this section you will run the Power Wire coming from the PMT Cradle to the vehicle fuse box or acc wire and connect it to the fuse or wire location specified in this section. The Power Wire will usually install into the fuse box of the vehicle except for the Ford 6.4L, it uses an accessory wire located under the dash near the OBDII port.

CONNECTING THE POWER WIRE:

1. Locate the fuse box or acc wire:
 - Ford 6.0L Power Stroke '03-'07: fuse box is located under the dash inside the cab of the vehicle.
 - Ford 6.4L Power Stroke '08: Accessory wire is located under the dash on the driver's side of the vehicle close to the OBDII port.
 - Dodge 5.9L, 6.7L Cummins '03-'08: Fuse box is located in the engine bay behind the driver's side headlight.
 - GM 6.6L Duramax '01-'08: Fuse box is located inside the engine bay on the driver's side.
2. Locate the appropriate fuse or accessory power wire depicted in the vehicle-specific pictures on the following page: The pictures on the next page show the actual fuse or accessory power wire that the PMT Power Wire needs to be connected to for each vehicle application.
3. Use the fuse jack along with the 90 degree connector to connect the power wire to a fuse. Use the Scotch Guard connector to attach the power wire to an accessory wire.



Power Wire w/90° Connector



Power Wire w/ Scotch Guard connector

4. Once the PMT Power Wire is connected to the correct power source use zip ties to secure any loose wiring.
5. At this point the physical installation of the PMT onto the vehicle is very close to complete. The last thing to install is the PMT Head Unit onto the PMT Cradle. For instructions on installing the download and setting up the PMT features refer to the operating manual.

CONNECTING THE POWER WIRE: The pictures below depict the fuses or accessory wires used to power the PMT for each vehicle specific application.

Dodge Cummins 5.9L & 6.7L '03-'08: Fuse #28



Ford Power Stroke 6.0L '03-'05: Fuse #33



Ford Power Stroke 6.0L '06-'07: Fuse #26



Ford 6.4L Power Stroke '08: wire LV ING (10A)



GM Duramax LB7, LLY & LBZ '01-'07: Fuse "ING E"



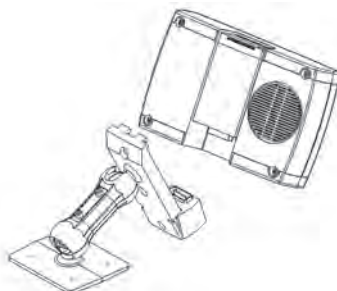
GM Duramax LMM '08: Fuse #42



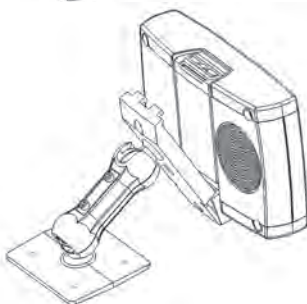
SECTION 5: HOW TO DOCK THE PMT (make sure that the vehicle key is off)

The PMT and cradle can be damaged if the PMT is not carefully placed onto the cradle. See the diagrams below for proper installation. Note that the diagrams show the PMT being docked on to the dash/windshield mounting styles, but the PMT docking instructions are the same for the A-Pillar mount as well.

1. Make sure that the docking port on the bottom part of the cradle is flipped forward as far as it will go.



2. Dock the PMT onto the cradle.



3. Once docked, rotate the PMT back and snap it into the cradle.



Note: Check the cradle swivel to make sure that it is connecting up to the PMT correctly. The bottom of the swivel should be flush with the bottom of the PMT.

Removing the PMT:

1. When removing the PMT, simply press down on the top part of the PMT that snaps into the top of the cradle.
2. Rotate the PMT forward on the docking port.
3. Pull the PMT up and out of the cradle.

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