



PM40EV Evolution PV.PK 125 Exhaust Fitting Instructions

Thank you for purchasing a hand crafted PM40EV Performance Pipe.

The PM40EV– The end product of many years of dyno research and development. It represents the best all round performance/torque outputs and will last for many years if fitted and maintained correctly. Due to the restricted space for the exhaust system to fit, please pay attention to the following instructions, to prevent any contact between the chamber and associated parts. If more suspension travel is required then you may dent the inner part of the frame of which the downpipe may touch.

The PM40EV has also been designed to allow for the use of some 350x10 tyres, however please check the clearance between the downpipe and tyre (minimum gap required: 12mm). Once fitted correctly, the PM40EV can be quickly removed in the event of a puncture; This can be done by unscrewing 2 M8 bolts and releasing the 2 expansion springs from the downpipe.

Muffler Fitting Details

Please follow these muffler fitting instructions carefully. (Sometimes pre-factory assembled)

1. Fit muffler to muffler mounting flange using 3x flat M6 washers and 3x M6 nylocks provided.
2. Next slide stainless steel strap over muffler and locate onto captive M8 bolt. Secure with M8 washer and special M8 self locking nut provided.

IMPORTANT: The strap has been designed to fit one way only with both tabs on top of the securing bracket; with PM laser logo facing outwards.

1. Temporarily remove rear wheel, for ease of fitting.
2. Loosely fit down-pipe to cylinder with new exhaust gasket.
3. Fit main chamber to down-pipe and fit 2 expansion springs.
4. Loosely fit rubber mountings onto upright engine bracket (using 2 spring washers and 2 nuts.)
5. Loosely fit exhaust mounting assembly to engine arm (using the clamp spring washers.)
6. Locate rubber mountings into the chamber mounting bracket (slots), using two 8mm flat spring washers and nuts.
7. Proceed in tightening all fasteners in order to adjust the exhaust correctly, without deforming or twisting the rubber mountings. Tighten the down-pipe to cylinder nuts last.
8. At this stage, remove the rear suspension bolt and allow the engine to move on its suspension stroke until the down-pipe bottoms up against the top of the inner frame. In this position; ensure there is 13-15mm of clearance around the base of the muffler and tail pipe 'U' bend. If not, simply loosen and adjust as necessary.
9. Re-build as necessary using silicone sealant on the spring slip joint and jet carburation as required.

N.B. Re-check all fasteners after 50miles or so

- **Extra Performance Tip:** Match and blend exhaust port to suit exhaust flange.



When fitted correctly, the clamp edge should be level with the end of the engine arm.
(See figure 'A')

Repacking Muffler Unit

1. Remove muffler unit by removing 3xM6 nylocks.
2. Drill out the 4 rivets that hold the end-cap in place.
3. Gently tap the chamber end of the muffler on a piece of wood, until it pushes the end-cap out. Wiggle and pull on end-cap to assist removal.
4. Pull the muffler core outwards, to draw out the old packing.
5. Clean the perforated tube using a wire brush and ensure all the holes are free from carbon.
6. Use only the recommended packing material from PM Tuning. Roll wadding around perforated tube, use cling-film or tape to hold in place and insert back into alloy can.
7. Use 4mm stainless steel pop rivets, to re-fit the end cap in the same holes.
8. Re-fit to chamber. All chamber/muffler parts are available separately.

Use after market products at your own risk.

PM Tuning Racing Products are always happy to help and give any advice necessary. However we cannot be held responsible for any damage caused by mistakes or misuse of our high performance products.

LIMITED SIX MONTHS WARRANTY

PM TUNING RACING PRODUCTS warrants the products which it manufactures to be free from defects in materials and workmanship for a period of 6 months from the date of purchase. This warranty is limited to the original purchaser of the product and is not transferable.

During the six month warranty period, PM TUNING RACING PRODUCTS will repair or replace any defective products or parts at no additional charge – provided that the product is returned to us. The purchaser is responsible for insuring any product so returned and assumes the risk of loss during shipping.

All replaced parts and products become the property of PM TUNING RACING PRODUCTS.

Dated proof of purchase must be provided by the purchaser when requesting that warranty work be performed. This limited warranty does not extend to any products which have been damaged as a result of accident, misuse, abuse, or as a result of service or modification by anyone other than PM TUNING RACING PRODUCTS. Except as expressly set forth above. No other warranties are expressed or implied, including, but not limited to, any implied herein.

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