



## **Ford Ranger/Everest/BT50 2011-2017 3.2L DIESEL FUEL PRE-FILTER ASSEMBLY**

**PLEASE READ TERMS OF USE AND WARRANTY AT BACK.  
READ ENTIRE INSTALLATION MANUAL BEFORE INSTALLING THIS KIT.**

### **Kit Description:**

This pre-filter assembly consists of a 304 stainless steel bracket assembly, filter assembly with built on water separator trap and necessary hose connections. The water separator trap can be drained periodically from the screw valve at the bottom of the assembly.

Pre-filter assembly come fully assembled and requires only basic tooling to fit into vehicle.

Recommended fitting time is 20 minutes.

### **Kit Contents**

1. 15 micron diesel fuel filter
2. Firewall mounting Bolt, Washers and lock nut
3. BPT Motorsport stainless steel Filter Bracket
4. 2 X High temp High pressure Kevlar PNP hoses
5. Installation Manual

### **Tooling:**

3/8 drive metric socket set, combination metric spanner set, cap screw keys.

### **Safety Notices:**

#### **WARNINGS AND NOTIFICATIONS:**

Ensure the engine bay is clean and free from dirt and other contaminants.

This fuel filter kit has an IN and OUT fuel flow through the housing, it is clearly marked on top of the housing.

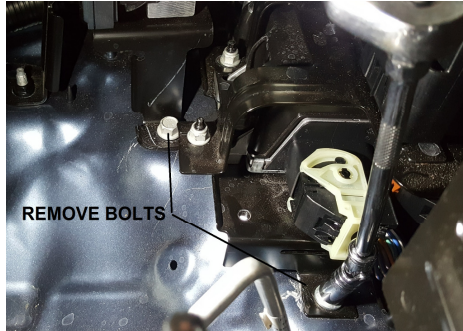
This assembly is pre-assembled and requires NO modification, drilling or cutting.

**DO NOT START THE VEHICLE UNTIL INSTALLATION IS COMPLETED.**

#### **INSTALLATION:**

1. Ensure vehicle is parked and ignition is switched OFF.
2. Remove the 10mm head bolt from the top left corner of the fuse box (looking towards the rear of the vehicle).

3. Remove the 13mm head bolt from the ABS module mount.



4. Remove the scrivet that attaches the plastic Cowl Top Grille to the top of the bulkhead.



5. Place bracket and filter assembly in the engine bay with the flat side towards the firewall.
6. Ensure that bracket slides between painted body surface and both ABS mount and PCM mount.
7. Reinstall the 10mm head bolt to the top left corner of the fuse box.
8. Reinstall the 13mm head bolt to the ABS module.
9. Install the supplied stainless steel 8X20mm cap screw through the steel Cowl Top flange and the pre-filter bracket assembly (where Scrivet was removed). Ensure that the washer and bolt go from top to bottom avoiding the plastic from being clamped between.



10. Install washer and lock nut to the underside of the 8X20mm bolt.
11. Tighten all bolts as required without stripping threads.
12. Remove the RED quick connect fitting from the original filter head (the larger lower fitting) and the other end of the pipe coming from the diesel tank. Remove the factory pipe from the vehicle.
13. Connect hose end from port labelled IN to the pipe from the fuel tank.
14. Connect hose end from port labelled OUT to the original filter head.
15. Make sure new fuel fittings are secured and properly pushed on.
16. Check filter and inspection bowl for tightness.
17. Turn ignition key to ON position and allow time for new filter assembly to prime. Start the engine and inspect for leaks. Secure any loose fuel lines from rubbing through.



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### **Maintenance:**

It is recommended filter be changed as with O.E.M. service schedule.  
The water separator trap can be drained periodically from the screw valve at the bottom of the assembly.

Water drain should be purged depending on visual inspection outcome or every 5,000 klms.  
Ensure drain screw is tightened before engine is started.

Replacement filters part number: Donaldson P551 039 Short filter.  
Replacement filters part number: Donaldson P550 588 Long filter.

### **Warranty:**

BPT Motorsport warrants all parts and materials from defect for a period of new car warranty schedule or 3 years.

We will replace those parts deemed as being faulty with new components and or higher specified replacement parts.

Parts **NOT** covered by warranty are replacement filters or extended over-use of filter medium for efficient filtration.

BPT Motorsport does **NOT** warrant those parts or assemblies not fitted in accordance with fitting procedures or damage incurred by incorrect fitment.

For questions related to this product please telephone (08) 9302 3415 or email [sales@bptmotorsport.com](mailto:sales@bptmotorsport.com)

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