

**FILTER GUARD****SAKURA**
FILTERS AUSTRALIA

FG-1002 instructions

MAZDA BT-50 & FORD RANGER PX 2.2L & 3.2L 2011-ON

Note: Kit is recommended to be installed by a licenced mechanic

QTY	DESCRIPTION
1	Filter Guard Assembly - FG-51141
1	Filter Mounting Bracket
1	30 Micron Spare Filter (for next service)
2	M10x35mm Mounting Bolts
4	M10 Mounting Washers
2	M10 Nyloc Nuts
2	1/4"NPT-to-AN-6 Adaptors
2	90 Degree AN-6 Fuel Barbs
2	Black 90 Degree Female "Quick Fittings" (9.89mm)
4	Hose Clamps
1	Thread Sealant
1	3/8" Fuel Hose (per metre)



MAZDA BT-50 2.2L & 3.2L 2011-2020

FORD RANGER PX 2.2L & 3.2L 2011-ON (FM621DPK)

Please take note of the arrows stamped on the filter head to indicate fuel flow direction

1. Remove the 10mm head bolt from the top left corner of the fuse box (looking towards the rear of the vehicle) and the 13mm head bolt from the ABS unit mount.
2. Place bracket in the engine bay with the flat side towards the firewall. Line up the bolt holes on the bracket with the holes for the fuse box and the ABS unit. Install bolts and tighten.
3. Use suitable sealant threaded fuel fittings. Install the 2x 1/4"NPT adaptors in the filter head. Choose appropriate inlet/outlet ports following the directional arrows stamped on the filter head. **Install 90degree AN-6 fuel barbs using thread sealant. Ensure not to overtighten tapered threads.**
4. Attach Filter Guard assembly to the bracket with the supplied bolts and nuts.
5. Remove the RED fitting from the original filter head (the larger lower fitting) and the other end of the pipe coming from the tank. Remove the factory piece of pipe.
6. Install a 9.89mm elbow "Quick fitting" in one end of the supplied fuel hose and secure with clamp, then attach to the supply from the tank. Cut the fuel hose to length, connect to the inlet port of the Filter Guard Assembly and secure with clamp. Avoid allowing the fuel hose to contact heat sources, rubbing points and kinks.
7. Place a receptacle to catch fuel under the outlet of the Filter Guard. Turn the key to ON position to prime the Filter Guard assembly with fuel. Once the filter is full turn to OFF position.
8. Using the remaining hose, insert the 9.89mm elbow "Quick fitting" into one end, secure using clamp and attach to the inlet of the factory filter. Cut the fuel hose to length, connect to the outlet port of the Filter Guard Assembly and secure with clamp. Avoid allowing the fuel hose to contact heat sources, rubbing points and kinks.
9. Turn key to ON and allow sufficient time for remaining parts to prime. This process may need to be repeated over the course of several minutes. Start vehicle and inspect for leaks. If no leaks are found, road test to confirm.

