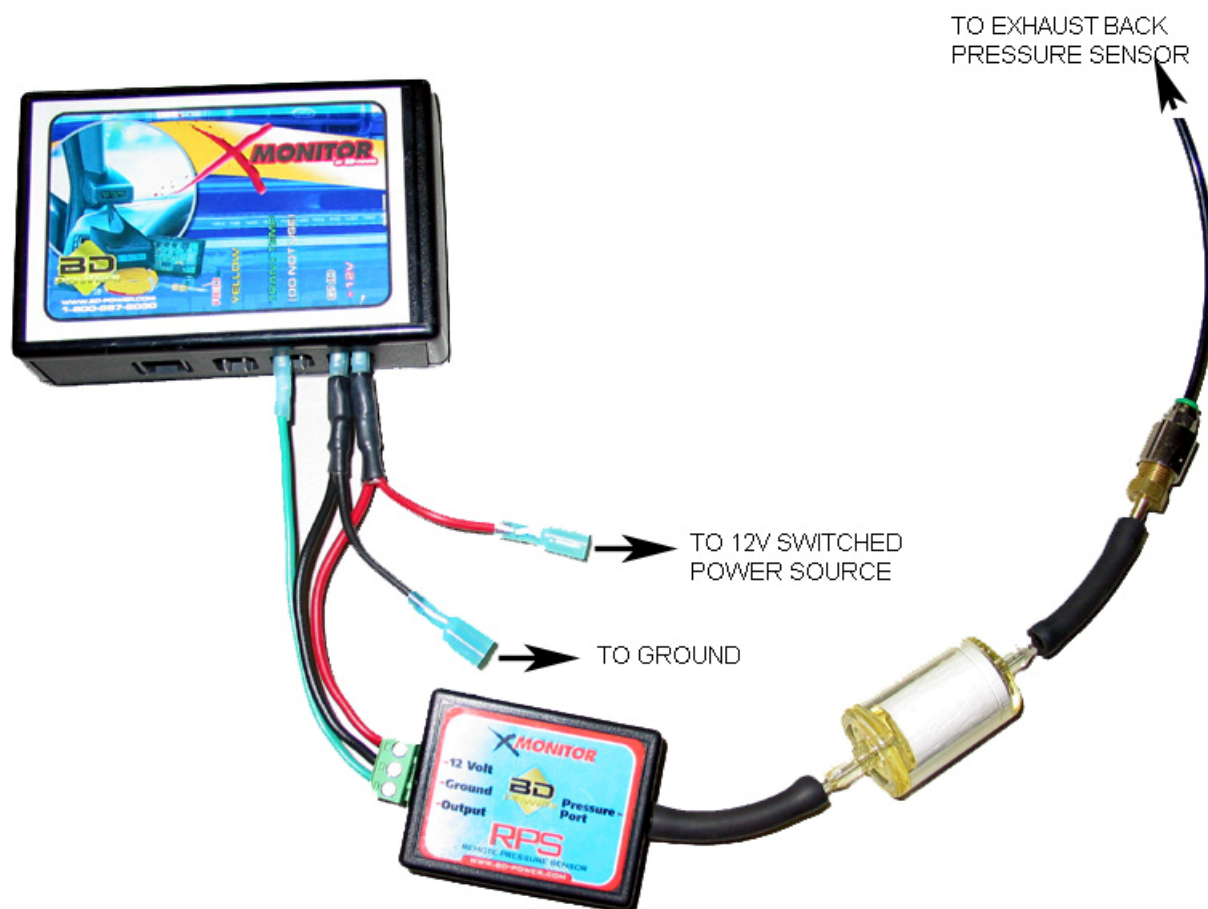


Brake Back Pressure

On the BD Exhaust Brake valve there is a 1/8" NPT plug used for measuring brake back pressure. Remove this plug and install the tube fitting with 1/8" NPT male threads. One end of the formed piece of stainless tube has a fitting attached and other end is bare - Insert the bare end into the fitting on the brake valve.

Secure the stainless tube to one of the manifold studs using the supplied hardware in the brake pressure kit. Connect the plastic tubing to the fitting on the end of the stainless tube, run it into the cab and connect it to the filter attached to the RPS module.

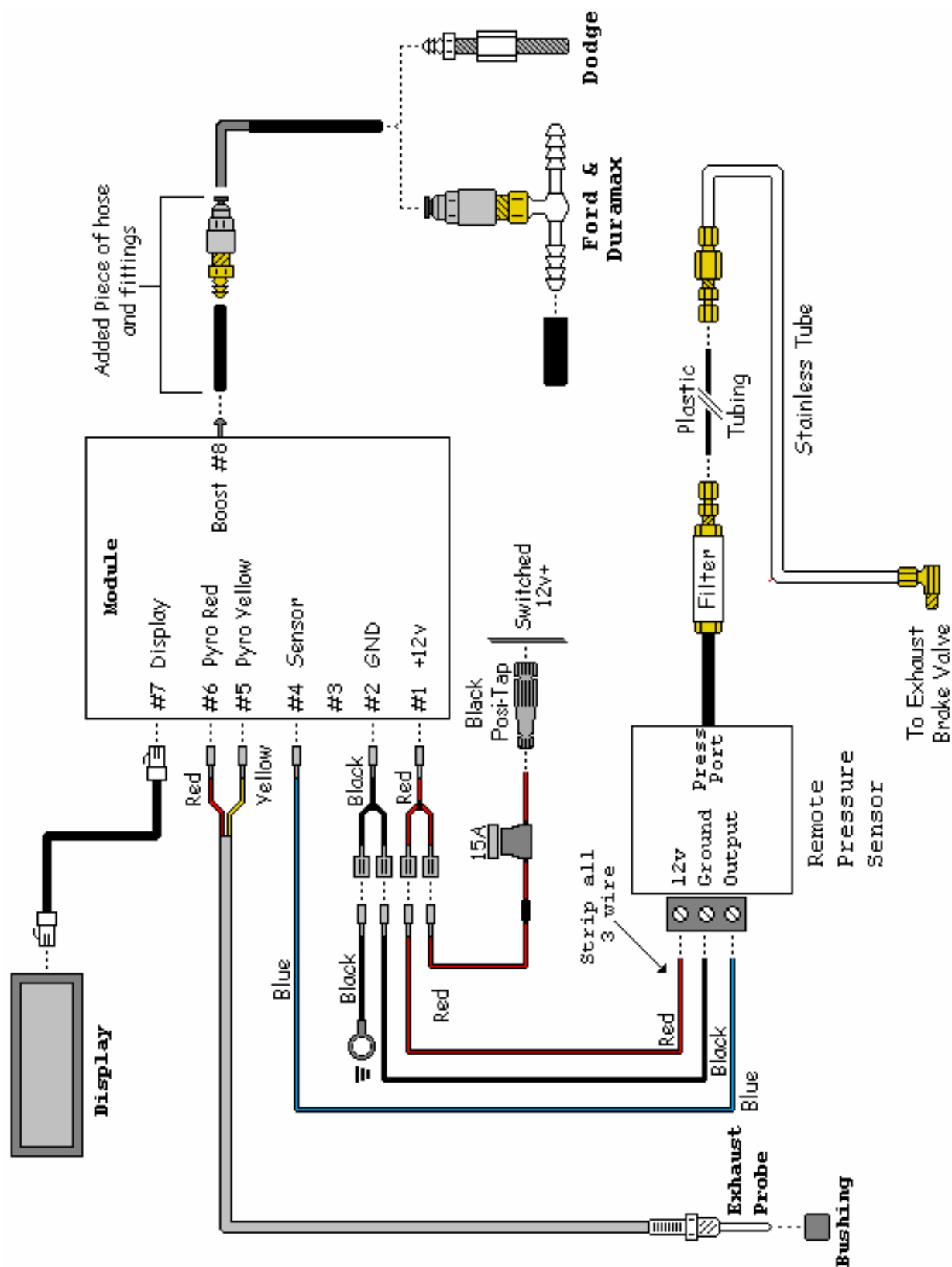
Connect the RPS module to the X-Monitor module as per diagrams and secure all wires and tubing, keeping them away from heated or moving components.



The plastic filter housing will need to be changed out after 6-12 months of use. The replacement time is dependant on air humidity and the amount of moisture that is trapped in the actual filter. The replacement filter part # is **1800135**. This filter should be mounted in a visible, easy to access location.

Because of the moisture accumulating in the line and filter, it is highly recommended that the RPS unit be mounted at the highest point of the air line causing all the moisture to run back down the line into the exhaust.

Back Pressure Wiring Diagram



BD Engine Brake Inc

A10 – 33733 King Rd, Abbotsford, BC, Canada V2S 7M9

Ship: 88 – 446 Harrison St, Sumas, WA 98295 Mail: PO Box 231, Sumas, WA 98295

Ph: 604.853.6096 Fax: 604.853.8749 Internet: www.bd-power.com