



SPEEDWAY MOTORS®
ENGINE PRELUBER / PRIMING TANK
HORIZONTAL – 3 GALLON VOLUME, ALUMINUM



Congratulations on the purchase of your Speedway Motors® Engine Preluber / Priming Tank System!

Important Information:

Carefully read these instructions before installing your Speedway Motors® Engine Preluber / Priming Tank System. If you are not competent or experienced at performing this type of operation, it is highly recommended that you seek the help of a qualified automotive mechanic. These instructions contain warnings that must be observed, otherwise your vehicle could be rendered unsafe and / or damaged.

About:

This product is intended and suggested for priming the oil system of a freshly built or rebuilt engine as well as for relubricating an engine that has been sitting for a prolonged period of time. It is intended for use with crankshaft mounted oil pumps or oil pumps that are not capable of mechanically priming. Additionally, it works great for pushing oil through a boat outdrive.

**Installation Instructions for Speedway Motors® Engine Preluber /
Priming Tank System**

1. Always confirm your preluber is clean and debris free before use. We recommend an oil cutting agent such as mineral spirits, Simple Green™ or hot soapy water to clean the inside prior to each use. It is imperative that you completely dry the inside of your tank and remove all moisture before installing the oil to be transferred. If not dry it could cause foaming.
2. Install the supplied -4AN x 1/4"-18 NPT ball valve fitting into the corresponding port on the top of the tank. **Note: It is recommended that you apply thread sealant to all NPT threads before installing fittings.** Install the proper size hose to the discharge side of the -4AN x 1/4"-18 NPT valve. **Note: Thread sealer is not required on this side of the valve.**
3. Remove the oil pressure sending unit or oil galley plug from the engine port and install the corresponding adapter fitting.

Common adapter thread sizes are as follows:

Late Model HEMI Engines: 1/8"-27 NPT / Ford Modular: 1/4"-18 NPT or M12 x 1.50 / GM LS: M16 x 1.5

4. It is important that you install a pre filled oil filter with your desired weight of oil before performing this

operation.

5. Fill your Speedway Motors® Engine Preluber / Priming Tank with 3 to 4 quarts of the required oil for your engine in question and seal the tank insuring the O-ring on the neck is snug to the cap.
6. Confirm the ball valve on the tank is closed. With the red pressure port dial fully closed (turned clockwise) pressurize the air stem slightly to confirm there are no leaks. If all looks good you can pressurize your tank up to 100 psi.
7. Now attach your primer hose from the preluber tank to the engine adapter fitting and confirm it is tight.
8. Next, slowly open the ball valve to allow oil to flow from the tank to the engine block. This will allow oil to flow through the oil passages, lubricating vital areas. If possible, rotate the engine by hand a minimum of 360 degrees to insure all oil galleys are lubricated and primed. Leave the flow valve open at this point.
9. Once the tank has relieved all the stored pressure, close the oil ball valve, then remove the installed feed line from the engine and replace the previously removed oil galley plug or sending unit.
10. Your Engine should be “prelubed”

Caution: Your Speedway Motors® Engine Preluber / Priming Tank should no longer be under compression. However, it is a good idea to confirm there is no residual pressure in the tank. This can be accomplished by placing the open end of your preluber hose (away from your face) into collection can. Reopen the ball valve and turn the pressure port knob full counter-clockwise.

