GENERAL INFORMATION

⚠ WARNING

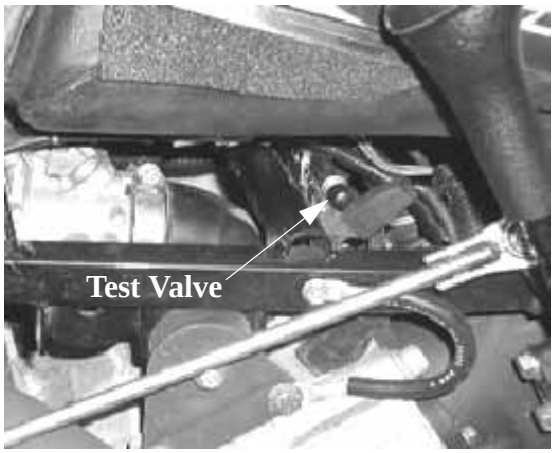
* Gasoline is extremely flammable and explosive under certain conditions.
* EFI components are under high pressure. Verify system pressure has been relieved before disassembly.
* Never drain the fuel system when the engine is hot. Severe burns may result .
* Do not overfill the tank. The tank is at full capacity when the fuel reaches the bottom of the filler neck. Leave room for expansion of fuel.
* Never start the engine or let it run in an enclosed area. Gasoline powered engine exhaust fumes are poisonous and can cause loss of consciousness and death in a short time.
* Do not smoke or allow open flames or sparks in or near the area where refueling is performed or where gasoline is stored.
* If you get gasoline in your eyes or if you should swallowgasoline,seekmedicalattentionimmediately.
* If you spill gasoline on your skin or clothing, immediately wash with soap and water and change clothing.
* Always stop the engine and refuel outdoors or in a well ventilated area.

Special Tools

Table 4-1:

PART NUMBER	TOOL DESCRIPTION
PU-47063	Polaris EFI Diagnostic Software (Digital Wrench™)
PU-43506	Fuel Pressure Test Kit
2201519	Throttle Position Sensor Tester
PU-47315	Throttle Body Adjustment Screwdriver (small "D" shape)

IMPORTANT: The EFI fuel system remains under high pressure, even when the engine is not running. Before attempting to service any part of the fuel system, the pressure must be relieved. The pressure adapter has an integrated relief valve. Connect to the test valve and release the pressure.



Polaris EFI Diagnostic Software (Digital Wrench™) - PU-47063

This dealer-only software installs on laptop computers equipped with a CD drive and serial port connection, and is designed to replace multiple shop tools often used to test EFI components. It also includes step-by-step diagnostic procedures to aid technician repair and troubleshooting.

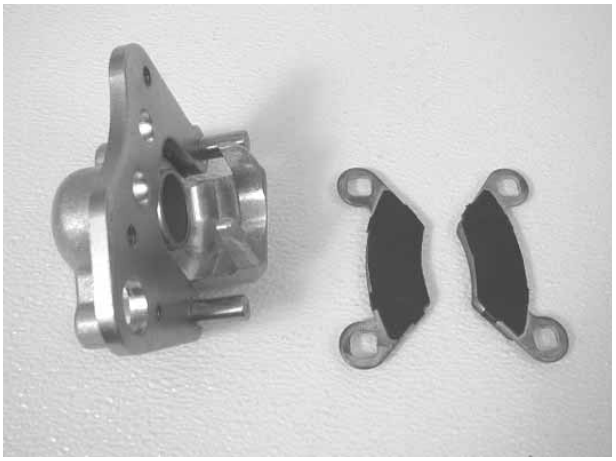
Throttle Position Sensor Tester - PU-47082

This tester allows the use of a digital multi-meter to test TPS function as well perform initialization procedures.

Throttle Body Adjustment Screwdriver - PU-47315

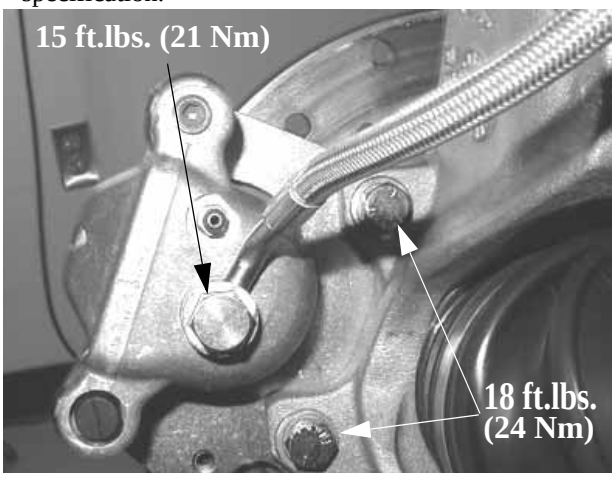
This tool has a special 'D' shaped end for adjusting the throttle stop screw during a TPS initialization procedure.

4. Compress the mounting bracket and make sure the dust seals are fully seated. Install the brake pads. Clean the disc and pads with brake parts cleaner or denatured alcohol to remove any dirt, oil or grease.



Installation

5. Install caliper on hub strut, and torque mounting bolts to specification.



= T
Brake Caliper Mounting Bolt Torque: **18 ft.lbs. (24 Nm)**

6. Install brake line and torque the banjo bolt to specification.

= T
Brake Line Banjo Bolt Torque: **15 ft.lbs. (21 Nm)**

7. Install the adjuster screw and turn until stationary pad contacts disc, then back off 1/2 turn.

8. Perform brake bleeding procedure as outlined earlier in this chapter.

9. Install wheels and torque wheel nuts to specification. Refer to Chapter 2.