

# A U T O T E C H

*Sport Tuning*

## Installation Instructions

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**PART NUMBER:** 10.115.410K

**DESCRIPTION:** STEEL SPORTTUNED BAFFLED OIL PAN

**TOOLS REQUIRED:**

1. 10mm flex socket (1/4" drive)
2. Long 1/4" extension
3. Tin Snips (1.6/1.7L only)
4. Gasket sealing compound
5. Container for drained oil
6. 19mm wrench for drain plug
7. 13/16" wrench for magnetic plug

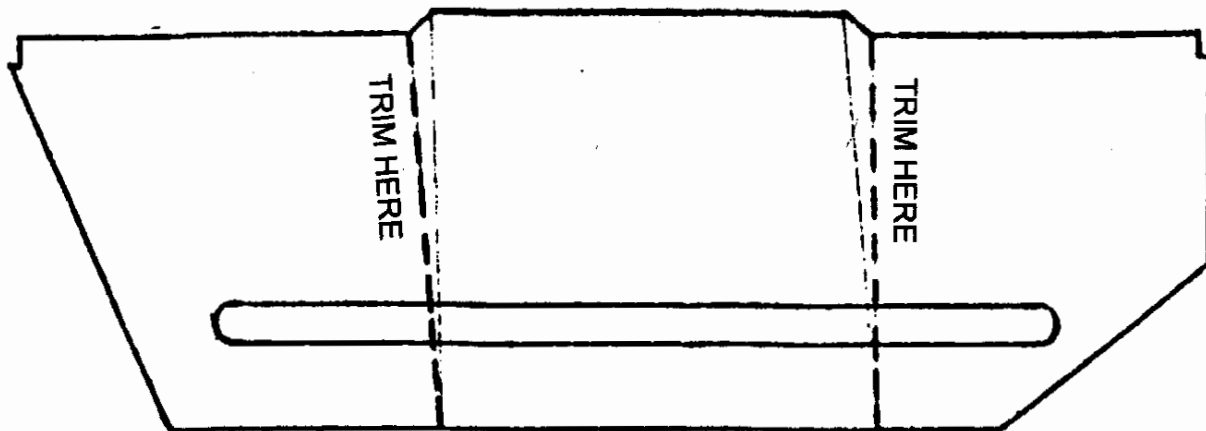
**PARTS LIST:**

- (1) Baffled Oil Pan
- (1) Oil Pan Gasket
- (1) Magnetic Drain Plug
- (1) Drain Plug Washer

**PROCEDURE:**

1. Drain the engine oil and remove the stock oil pan.
2. Inspect the baffled pan for foreign matter trapped in it during shipment, and clean if necessary.
3. Check that the nylock nuts holding the windage tray to the pan are properly tightened. Be careful not to overtighten.
4. Remove the surge baffle from your stock oil pump.
5. On all 1.5, 1.6, and 1.7 motors, you will have to trim the surge baffle so that approximately 1/4" on either side of the pick-up remains. This is done by using good quality tin snips. Then, bend the remaining material around the pump to hold it in place.
6. On 1.8L engines, the surge baffle attached to the pick-up is made of plastic and can be unclipped without use of tin snips.
7. Bolt the pan on the engine **without** the gasket first to make sure the oil scrapers on the windage tray clear the crankshaft. Rotate the crankshaft using a 19mm wrench on the pulley bolt to make certain. If there is interference, bend the scrapers down just far enough to avoid contact. The purpose of the scrapers is to remove excess oil from the crankshaft which causes drag.
8. Remove the pan. Install the gasket using a quality gasket compound. Re-install the baffled pan and install to the factory torque specification of 7 ft. lbs. Re-torque the pan after waiting five minutes for the sealing compound to settle.
9. Install the magnetic drain plug supplied, tightening to the factory torque specification of 29 ft. lbs. **Do not overtighten!** After refilling the oil, run engine and check for leaks.

(over)



Surge Baffle from 1.5, 1.6, and 1.7 liter engines