#### **P9612 Porsche Timing Kit**

This kit is used to setup the engine timing, and to install the piston pins.

**Comprehensive 8-piece tool kit** to establish proper engine timing when performing major engine / valvetrain service.

(#9595) 1 - TDC Alignment Pin: Used to align crankshaft at top dead center during cam. (#9612) 1 - Camshaft Lock: Locks camshaft in place during installation of the cam gear. (#9611) 2 - Camshaft Supports: Holds down camshafts when adjusting the valve timing (#9634) 2 - Hold Down Device: Holds down the end of the camshafts during assembly. (#9608) 1 - Alignment tool: Positions the small of the connecting rod in preparation for fitting the piston and wrist pin.

Used to insert the wrist pins. **Application: Porsche 911** (eng. codes 996/997) up to 2001, **Porsche Boxster** (engine codes 986/987) up to 2002

(#9602) 1 - Pin Driver and

**Extensions:** 



## **NST3914 Porsche Cayenne Timing Tool Set**

For M97/01 engine



#### P9678/1 Porsche Cayenne **Camshaft Timing Tool Set**

For setting camshaft timing on 2009 and later Porsche Cavenne with DFI V8 engines. This tooling is necessary to establish TDC timing any time the cam timing is disturbed for servicing of the cams, cylinder-head, timing chain or variable valve-timing cam phasers.



### **P9685 MasterTiming Kit**

Porsche Timing Kit for 911 (996/997 series up to 2005, Cayenne V8 up to 2007, and from 2008 Cayenne & Panomara Kit Including:

Camshaft Gauge:9678/1, 9678/2, Alignment Fixture for 996/997 as of 05: 9685,

**Camshaft Alignment Gauge for** M97/01:9686,

Top Dead Center Pin:9595/1, **Auxiliary Chain Tensioner:** 9683/1 (1.0mm pitch,)from 2009 Porsche Cayenne and Panamera

9683/2 (1.5mm pitch)for 2011 Porsche Cayenne S with 4.8L V8 chain.





## P9683/2 Chain **Tensioner**

1.5mm pitch auxiliary chain tensioner for 2011 Porsche Cayenne S with 4.8 L V8 chain.



# TTS1484 Land Rover. **Jaguar Cam Timing** Kit V8 5.0L

Kit including: 303-1145, 303-1447, 303-1148, 303-1452, 303-14823 **Applicable:** X150 - XK (10MY), X250 - XF (10MY),X351 - XJ (10MY)



# **JAG34 Radiator** Adapter

For pressurizing cooling system on Jaguar 1990-1994. SAAB 900S..1994-1997. Range Rover, Pontiac



# NST4498 (4002) **Camshaft Alignment** Tool Kit for Volvo T6, Land Rover, Jaguar

Special designed to align the engine camshaft and crankshaft position and correct into the side cover.

Applicable: Volvo S80, XC90, XC60, XC70 3.0T, 3.2 (T6 Engines), Land Rover, Jaguar since 2007



# NST4549 Camshaft **Timing Kit**

For locking the camshaft on Land Rover 4.4L

