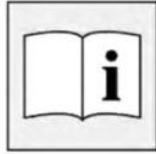


## Changing the Oil Pressure Sensor

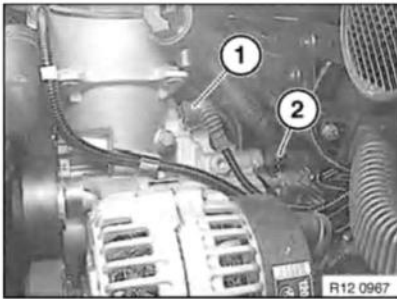
12 61 280

### Removing and installing/replacing oil pressure sensor (M54)



#### *Necessary preliminary tasks:*

- Switch off ignition
- Unfasten oil filter cap to enable engine oil in filter to flow back into the oil sump.
- Remove intake filter housing



Installation location: at base of oil filter.  
Disconnect plug connection (2).  
Unscrew and remove oil-pressure switch.

#### **Important!**

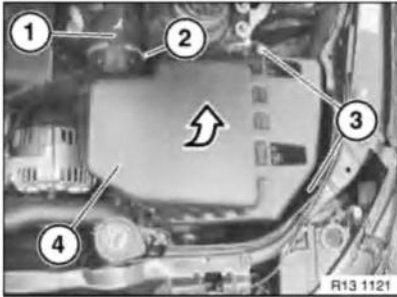
Engine oil may emerge when the oil pressure sensor is removed  
- have a cleaning cloth to hand.  
Catch and dispose of emerging engine oil.

Tightening torque 12 61 1AZ.

#### *Installation:*

Screw on oil-filter cover tightly.  
Check engine oil level, top up engine oil if necessary.

Switch off ignition.

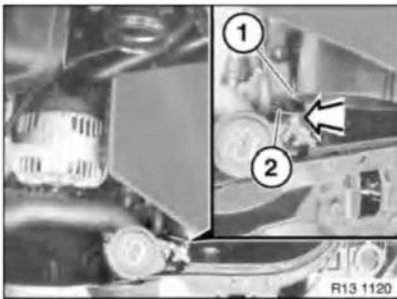


Unlock plug (1) and remove.

Unfasten hose clip (2).

Release screws (3).

Remove intake filter housing (4) towards top.



*Installation:*

Make sure lock (1) engages correctly in groove (2).

**12 61 Oil pressure, oil temperature, oil level display**

	Type	Thread	Tightening specification	Measure
1AZ Oil-pressure switch/oil-temperature switch	All	M12x1.5		27 Nm
2AZ Level switch for engine oil	N62 / N73 / M67TU		Jointing torque 2 Nm	8.5 Nm
3AZ Oil pressure switch	N46	M12 x 1.5		27 Nm
4AZ Level sensor to oil sump	N46	M6		9 Nm