STIHL Engine De-Carbonizer

**Product Properties**

STIHL Engine De-Carbonizer dissolves ash deposits that are created from the combustion of oil additives.

**Packaging unit**

STIHL Engine De-Carbonizer is available in the following size of pack:

<table>
<thead>
<tr>
<th>Size of pack</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 US fl.oz. bottle, 6 per carton</td>
<td>0781 313 8019</td>
</tr>
</tbody>
</table>

STIHL Engine De-Carbonizer is a newly developed product for easily removing deposits of ash and carbon from the combustion chambers of mixture lubricated 2-stroke and 4-stroke cycle engines.

Ash deposits or combustion residue are often the reason for a loss of compression and engine power.
Application

Effectiveness is increased if the engine is warm.
Wear safety glasses when handling de-carbonizer.
The illustrations show the procedure on a STIHL BR 500 (as an example).

- Move slide control / Master Control lever / stop switch to **STOP** or **0** ¹)
- Unscrew and remove the spark plug.
- Set piston to TDC (on 4-stroke engines: TDC between exhaust and intake strokes – “valve overlap”).
- Completely fill the combustion chamber with STIHL Engine De-Carbonizer through the spark plug hole.
- Let the fluid soak for one hour.

Removing the fluid:
- Hold absorbent cloth or paper against the spark plug hole and pull the starter rope several times. Make sure stop switch is off and spark plug wire is grounded.
- Install new spark plug
- Perform test run
- Check the spark plug – clean if necessary

Only trained personnel should use STIHL Engine De-Carbonizer.

As with other cleaning aids used in the repair shop (e.g. oily cleaning cloths), dirty paper and cloths used together with STIHL Engine De-Carbonizer may be disposed of in accordance with local regulations.

¹) To discharge firing voltage on models BR 500, 550, 600, connect the ZAT 3 ignition system tester to the spark plug boot – attach ground terminal to muffler (see TI 08.2005 or BR 500, 550, 600 shop manual)