The NGK range of resistor covers are designed to give perfect noise suppression across all frequencies whilst engine performance is not adversely affected whatsoever.

Featuring a resistor element pressed in between the plug terminal and the high tension wire connection, the construction is extremely durable, the resistor element is long enough to prevent interior flashover, and steady resistance is maintained. Superlative ceramic materials are incorporated that resist deterioration and have small resistance variation under over-load, whilst the plug connector is made of sturdy phenolic resin, practically oblivious to tremendous heat and high tension, and very rugged rubber material. The heat press insertion makes the construction all the more tough and vibration-resistant. Special rubber liners on both ends prevent moisture from causing electrical leakage.

All motorcycle manufacturers now comply with current legislation which demands a standard of noise suppression on every vehicle. This is achieved usually by fitting NGK resistor covers though in many cases a combination of NGK resistor covers and NGK resistor spark plugs (R type) is necessary to satisfy the ministry tests. It is emphasized that despite the use of both resistor covers and spark plugs in such engines, due to the unique and superior construction of NGK products there is no loss of performance or shortening of service life.

LBO5EMH and SDO5FM being of tough EPDM rubber construction are intended for competition/trial applications.
NGK RESISTOR PLUG COVERS

- **External Appearance**
  - **L**: 90° Elbow type
  - **S**: Straight
  - **X**: 102° Elbow std.
  - **V**: 120° Elbow (long)
  - **Y**: 120° Elbow (short)
  - **T**: 'T' type

- **Suitable Ø Plug Thread**
  - **B**: 14mm minimum
  - **C**: 10mm minimum
  - **D**: 10 & 12mm
  - **Z**: 10, 12 & 14mm

- **Resistance**
  - **None**: Non-resistor
  - **01**: 1 kΩ
  - **05**: 5 kΩ
  - **10**: 10 kΩ

- ** Suitable Terminal Type**
  - **E**: Terminal nut or solid post
  - **F**: Terminal stud

- **Special Feature**
  - **A**: Special design
  - **H**: Compact type
  - **P**: Special waterproof cover
  - **K**: Silicon waterproof cover
  - **M**: Rubber sheathed
  - **G**: With rubber grommet
  - **W**: Double connector springs
  - **F**: For Ø 5mm HT cable
  - **L**: Inductive resistor type
  - **Y**: With handle
  - **Z**: Special design

- **Ceramic Resistor**: Phenolic Resin Body, Self Threading Cable Connector, EPDM Rubber Sheath, Ceramic Resistor, Phenolic Resin Core, Plug Moisture Seal, HT Cable Seal

- **Phenolic Resin Body**: Self Threading Cable Connector, EPDM Rubber Sheath, Ceramic Resistor, Phenolic Resin Core, Plug Moisture Seal, HT Cable Seal

- **Self Threading Cable Connector**: EPDM Rubber Sheath, Ceramic Resistor, Phenolic Resin Core, Plug Moisture Seal, HT Cable Seal

- **HT Cable Seal**: Ceramic Resistor, Phenolic Resin Core, Plug Moisture Seal, HT Cable Seal

- **Plug Moisture Seal**: Ceramic Resistor, Phenolic Resin Core, Plug Moisture Seal, HT Cable Seal

See pages 105 to 107 for full range of plug covers.
### SPARK PLUG COVERS

#### LB05E
- **Part No.:** LB05E
- **Stock No.:** 8031
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### LB05E-R
- **Part No.:** LB05E-R
- **Stock No.:** 8898
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### LB05F
- **Part No.:** LB05F
- **Stock No.:** 8051
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### LB05F-R
- **Part No.:** LB05F-R
- **Stock No.:** 8854
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### LB10F-CS
- **Part No.:** LB10F-CS
- **Stock No.:** 8961
- **Colour:** Black
- **Resistor:** 10 kΩ
- **Ø Plug:** 14mm

### Description:
- **90° Elbow Type**
- **Material:** Phenolic Resin

#### LZFH
- **Part No.:** LZFH
- **Stock No.:** 8710
- **Colour:** Black
- **Resistor:** None
- **Ø Plug:** 10 - 14mm

### Description:
- **90° Non-resistor type**
- **Material:** Phenolic Resin

#### LB05EH
- **Part No.:** LB05EH
- **Stock No.:** 8334
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### LB05EH-R
- **Part No.:** LB05EH-R
- **Stock No.:** 8688
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### LB10EHF
- **Part No.:** LB10EHF
- **Stock No.:** 8055
- **Colour:** Black
- **Resistor:** 10 kΩ
- **Ø Plug:** 14mm

#### LB10EHF-R
- **Part No.:** LB10EHF-R
- **Stock No.:** 8058
- **Colour:** Red
- **Resistor:** 10 kΩ
- **Ø Plug:** 14mm

### Description:
- **90° Elbow Type**
- **Material:** Phenolic Resin

#### LD05F
- **Part No.:** LD05F
- **Stock No.:** 8060
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### LD05F-R
- **Part No.:** LD05F-R
- **Stock No.:** 8231
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### SB05F
- **Part No.:** SB05F
- **Stock No.:** 8080
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### SB05F-R
- **Part No.:** SB05F-R
- **Stock No.:** 8567
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

### Description:
- **90° Elbow Type**
- **Material:** Phenolic Resin

#### SD05F
- **Part No.:** SD05F
- **Stock No.:** 8022
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### SD05F-R
- **Part No.:** SD05F-R
- **Stock No.:** 8238
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

### Description:
- **90° Rubber Sheathed**
- **Material:** EPDM Rubber

#### SD05FM
- **Part No.:** SD05FM
- **Stock No.:** 8392
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### SD05FM-R
- **Part No.:** SD05FM-R
- **Stock No.:** 8673
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

### Description:
- **90° Rubber Sheathed**
- **Material:** EPDM Rubber

#### SB05E
- **Part No.:** SB05E
- **Stock No.:** 8374
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### SB05EC
- **Part No.:** SB05EC
- **Stock No.:** 8011
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### SB05F
- **Part No.:** SB05F
- **Stock No.:** 8080
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### SB05F-R
- **Part No.:** SB05F-R
- **Stock No.:** 8567
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

#### SD05F
- **Part No.:** SD05F
- **Stock No.:** 8022
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### SD05F-R
- **Part No.:** SD05F-R
- **Stock No.:** 8238
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

### Description:
- **Straight Type**
- **Material:** Phenolic Resin

#### SD05FM
- **Part No.:** SD05FM
- **Stock No.:** 8392
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

#### SD05FM-R
- **Part No.:** SD05FM-R
- **Stock No.:** 8673
- **Colour:** Red
- **Resistor:** 5 kΩ
- **Ø Plug:** 10 - 12mm

### Description:
- **Straight Rubber Sheathed**
- **Material:** EPDM Rubber

#### TB05EMA
- **Part No.:** TB05EMA
- **Stock No.:** 8636
- **Colour:** Black
- **Resistor:** 5 kΩ
- **Ø Plug:** 14mm

### Description:
- **90° Rubber Sheathed**
- **Material:** Silicon Rubber
### SPARK PLUG COVERS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Stock No.</th>
<th>Colour</th>
<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>XB05F</td>
<td>8062</td>
<td>Black</td>
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<tr>
<td>XB05F-R</td>
<td>8592</td>
<td>Red</td>
<td>5 kΩ</td>
<td>14mm</td>
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</tr>
<tr>
<td>XD05F</td>
<td>8072</td>
<td>Black</td>
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<tr>
<td>XD05F-R</td>
<td>8768</td>
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<td>10 - 12mm</td>
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Description: 102° Elbow Type  
Material: Phenolic Resin

<table>
<thead>
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<th>Part No.</th>
<th>Stock No.</th>
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<th>Resistor</th>
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<tr>
<td>VB05F</td>
<td>8032</td>
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<td>VB05F-R</td>
<td>8759</td>
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<td>VD05F</td>
<td>8052</td>
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<td>VD05F-R</td>
<td>8376</td>
<td>Red</td>
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<tr>
<td>VD05EG</td>
<td>5817</td>
<td>Black</td>
<td>5 kΩ</td>
<td>10 - 12mm</td>
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Description: 120° Elbow (Long) Type  
Material: Phenolic Resin

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<th>Part No.</th>
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</thead>
<tbody>
<tr>
<td>TRS125S-B</td>
<td>8767</td>
<td>Blue</td>
<td>5 kΩ</td>
<td>14mm</td>
<td>Special*</td>
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Description: 90° Compact Type  
Material: Silicon Rubber

*Suitable for use with R5120- racing spark plugs only
*Suitable for use with R7282- racing spark plugs only

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Stock No.</th>
<th>Colour</th>
<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
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</thead>
<tbody>
<tr>
<td>LBER-R</td>
<td>8307</td>
<td>Red</td>
<td>None</td>
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</tr>
<tr>
<td>LBER-B</td>
<td>8308</td>
<td>Blue</td>
<td>None</td>
<td>14mm</td>
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</tr>
</tbody>
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Description: 90° Rubber Sheathed  
Material: Silicon Rubber

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Stock No.</th>
<th>Colour</th>
<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRS1409F-B</td>
<td>8671</td>
<td>Blue</td>
<td>5 kΩ</td>
<td>14mm</td>
<td>Special*</td>
</tr>
</tbody>
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Description: 90° Compact Type  
Material: Silicon Rubber

*Suitable for use with R5300A- racing spark plugs only

<table>
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<th>Part No.</th>
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<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
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</thead>
<tbody>
<tr>
<td>TRS1409-R</td>
<td>8733</td>
<td>Red</td>
<td>None</td>
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</table>

Description: 90° Compact Type  
Material: Silicon Rubber

*Suitable for use with R5540F- racing spark plugs only

<table>
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<th>Part No.</th>
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<th>Colour</th>
<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD05EG</td>
<td>5818</td>
<td>Black</td>
<td>5 kΩ</td>
<td>10 - 12mm</td>
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</table>

Description: Straight Type  
Material: Phenolic Resin
**SPARK PLUG COVERS**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Stock No.</th>
<th>Colour</th>
<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>L05EA</td>
<td>6667</td>
<td>Black</td>
<td>5 kΩ</td>
<td>14mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td>Description: 90° Elbow Type Material: Phenolic Resin</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Application: Piaggio (various 125, 150cc)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Stock No.</th>
<th>Colour</th>
<th>Resistor</th>
<th>Ø Plug</th>
<th>Terminal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>V05E</td>
<td>6665</td>
<td>Black</td>
<td>5 kΩ</td>
<td>14mm</td>
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</tr>
<tr>
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<td>Description: 120° Elbow (Long) Type Material: Phenolic Resin</td>
</tr>
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<td></td>
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<td>Application: Piaggio (various 125, 150cc)</td>
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<th>Part No.</th>
<th>Stock No.</th>
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<th>Ø Plug</th>
<th>Terminal Type</th>
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<tbody>
<tr>
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<td>Description: 90° Elbow Type Material: Phenolic Resin</td>
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<th>Part No.</th>
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<tr>
<td>LB05EZ</td>
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<td>Black</td>
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<tr>
<td>LB05EA</td>
<td>8744</td>
<td>Black</td>
<td>5 kΩ</td>
<td>14mm</td>
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<td>Description: 90° Elbow Type Material: Phenolic Resin</td>
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<table>
<thead>
<tr>
<th>Part No.</th>
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<th>Ø Plug</th>
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<tbody>
<tr>
<td>VD05EMH</td>
<td>7744</td>
<td>Black</td>
<td>5 kΩ</td>
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<td>Description: 120° Elbow (Compact) Type Material: EPDM Rubber</td>
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<table>
<thead>
<tr>
<th>Part No.</th>
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<tr>
<td>VD05FMH</td>
<td>8425</td>
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<td>Description: 120° Elbow (Compact) Type Material: EPDM Rubber</td>
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<th>Part No.</th>
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<tbody>
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<td>Description: Straight with Grommet Material: Phenolic Resin</td>
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**Application:** Honda VT600, XL600
To assist in identifying the red or blue coloured variant for popular plug covers a small change to the descriptive part number has been instigated. Implementation will be managed on a running change basis i.e. when current stocks are exhausted orders will be fulfilled by supplying the replacement item. There is no change to the Stock Number. Black covers which are considered standard are unaffected.

<table>
<thead>
<tr>
<th>Original Part No.</th>
<th>Stock Number</th>
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<th>Replacement Part No.</th>
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<tbody>
<tr>
<td>LB05E (red)</td>
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<td>LB05EH (red)</td>
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<td>LB05EH-R</td>
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<tr>
<td>LB05EMH (red)</td>
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<td>LB05EMH-R</td>
<td>8160</td>
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<td>LB05F (red)</td>
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<td>LB05F-R</td>
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<tr>
<td>LBER (blue)</td>
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<td>LBER-B</td>
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<td>LBER (red)</td>
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<td>LBER-R</td>
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<td>LD05F-R</td>
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<td>SB05F (red)</td>
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<td>SB05F-R</td>
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<td>SD05F (red)</td>
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<td>TRS1409F-B</td>
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<td>VB05F-R</td>
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<td>XB05F (red)</td>
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<tr>
<td>XD05F (red)</td>
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<td>XD05F-R</td>
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<tr>
<td>YB05F (red)</td>
<td>8162</td>
<td></td>
<td>YB05F-R</td>
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