

BMW F800ST

Parts list for MCS 6680

| <u>Item</u> | <u>Qty</u> | <u>Part Number</u> | <u>Description</u> |
|-------------|------------|--------------------|--|
| 1 | 1 | MCS 8000C | Computer |
| 2 | 2 | | Self-adhesive Velcro strip – 8cm long |
| | | <u>MCS 6682</u> | <u>Electric Servo assembly</u> |
| 3 | 1 | MCS 850 | Electric Throttle Servo |
| 4 | 1 | MCS 850C | Servo nose |
| 5 | 3 | | M5 x 12 pan head screws |
| 6 | 1 | | 3/4" x 3/32" (19 x 3mm) 'O' ring |
| 7 | 1 | MCS 850B | Cable sealing boot |
| 8 | 2 | MCS 054 | Wire ring cable retainer (1 spare) |
| 9 | 1 | MCSSC 150 | 150mm Servo cable |
| 10 | 2 | HoseClamp32 | Hose Clamp 40-67mm |
| 11 | 16cm | | Velcro mounting tape |
| 12 | 16cm | | Rubber strip, 25mm x 4.5mm |
| | | <u>MCS 4504</u> | <u>Switch assembly</u> |
| 13 | 1 | MCS 820-160 | Control Switch |
| 14 | 1 | MCS 4504A | Switch bracket (MCS 830P) |
| | 4 | | 4 gauge x 1/2" stainless steel pan head self tap screw |
| | 1 | | 100mm cable tie |
| 15 | 1 | | M5 x 35 bolt |
| 16 | 7 | | 5mm flat washer |
| 17 | 1 | MCS 6681 | Wiring harness |
| a | | | Computer plug (26 pin) |
| b | | | Fuse holder (3 amp fuse) |
| c | | | Tach sensor connector (yellow wire) |
| c 1 | 1 | MCS 6681 C | Tach sensor pigtail (yellow wire) |
| d | | | Speed sensor (co-axial wire) |
| e | | | Servo plug (4 pin) |
| f | | | Brake sensor connector (grey wire) |
| g | | | Hydraulic brake light switch plug (2 pin) |
| h | | | Power connector (orange wire) |
| h 1 | 1 | MCS 6681 H | Power connector pigtail (orange wire) |
| i | | | Ground connector (black wire) |
| j | | | Control switch plug (6 pin) |
| 18 | 1 | MCS 558A | Banjo bolt brake light pressure switch (M10 x 1) |
| 19 | 2 | MCS 558B | 10mm sealing washers |
| 20 | | <u>MCS 6685</u> | <u>Cable Interface Unit (CIU) assembly</u> |
| 21 | 1 | MCS 6685A | CIU housing |
| 22 | 1 | MCS 003M | Actuator spool |
| 23 | 1 | MCS 6686 | Carburettor spool |
| 24 | 1 | MCS 6686A | Throttle spool |
| 25 | 1 | MCS 003H | Bush |
| 26 | 1 | MCS 003J | End Cap |
| 27 | 1 | | M5 x 45 bolt (pivot bolt) |
| 28 | 2 | | 5mm plated flat washer |
| 29 | 1 | | M5 Nyloc nut |
| 30 | 1 | | M4 x 8 pan head screw (actuator cable retainer) |
| 31 | 1 | MCS 4505B | CIU mount bracket |

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| 32 | 2 | | M6 x 16 socket head cap screw |
| 33 | 2 | | 6mm flat washer |
| 34 | 1 | MCS 4508 | Carburettor cable |
| | | <u>MCS 4503</u> | <u>Speed sensor assembly</u> |
| 35 | 1 | MCS 4503A | Speed sensor bracket |
| 36 | 1 | MCS 027 | Speed sensor |
| 37 | 3 | | 6mm flat washer |
| 38 | 1 | | 6mm Nyloc nut |
| 39 | 1 | | M10 x 1.25 x 50 high tensile bolt |
| 40 | 2 | | 10mm flat washer |
| 41 | 6 | MCS 4503D | 2mm thick x 10mm ID x 16mm OD shim washers |
| | 7 | MCS 046 | 4.75mm dia x 4.75mm long magnet (2 spare) |
| | 7 | MCS 043 | 4mm dia x 5mm long magnet (2 spare) |
| | 4 | H1527 | Splice terminals |
| | 8cm | HST3 | 3mm heat shrink tube |
| | 8cm | HST6 | 6mm heat shrink tube |
| | 1 bottle | | Throttle cable oil |
| | 10 | | 100mm cable ties |
| | 10 | | 150mm cable ties |
| | 5 | | 200mm cable ties |
| | 5 | | 300mm cable ties |

Information, Set up and Operation Manual
Operation and User Manual
Installation Manual
Trouble shooting guide

