

Universal Cruise Control Kit (MCSU 8850)

Parts list for Universal Cruise Control Parts Kits (No CIU)

| <u>Item</u> | <u>Qty</u> | <u>Part Number</u> | <u>Description</u> |
|-------------|------------|-------------------------------|--|
| | | <u>MCSU 600P24-850</u> | <u>Basic Cruise Control Component Kit</u> |
| 1 | 1 | MCS 8000C | Computer |
| | 2 lengths | | Self-Adhesive Velcro 8cm long |
| 2 | 1 | MCS 850 | Electric throttle servo |
| 3 | 1 | MCSSC 850 | Servo cable (850mm long – other lengths available) |
| 4 | 1 | MCSU 601 | Wiring harness |
| a | | | Computer plug (26 pin) |
| b | | | Fuse holder (5 amp fuse) |
| c | | | Tach sensor wire (yellow wire) |
| d | | | Speed sensor connectors (co-axial wire) |
| OR | | | Speed sensor wire (for connection to speedo sender) |
| e | | | Servo plug (4 pin) |
| f | | | Power & brake sensor wires (orange and grey wires) |
| g | | | Clutch/neutral sensor wire (blue wire) |
| h | | | Ground connector (black wire) |
| i | | | Control switch plug (6 pin) |
| 5 | 1 | MCS 820 | Cruise control switch |
| | 4 | | 4g x 1/2" self tapping screw (to attach mounting bracket) |
| | 2 | | 100mm cable tie (control switch cable strain relief) |
| | 10 | | 150mm cable ties |
| | 10 | | 200mm cable ties |
| | 6 | | 300mm cable ties |
| | | <u>MCSU 400 A</u> | <u>Brackets kit</u> |
| 6 | 2 | MCS 024 | Universal 'L' mounting bracket (1 spare) |
| | 4 | | M6 X 16 bolt |
| | 8 | | 6mm flat washer |
| | 4 | | M6 Nyloc nut |
| 7 | 1 | MCS830A | Control switch mounting bracket. The MCS830A bracket is the closest to a 'universal' switch bracket available, however there are many different brackets available. These brackets are available instead of the MCS830A bracket at time of order (straight swap at no additional cost) or may be purchased separately later. What bracket is desired will depend on bike make and model – refer to switch bracket addendum in installation instructions for listing, photos and diagrams of available control switch mounting brackets). |

MCSU 400 B Throttle connection kit

Note: - This set of parts is ONLY supplied for use on motorcycles using car engines, where this automotive based hardware is appropriate and relatively safe, eg. VW engine powered trikes. We will NOT provide these parts for use on normal motorcycles due to safety issues (throttle jams).

| | | | |
|----|-----|----------|-------------------------------------|
| 8 | 1 | MCS 025A | 4mm shouldered screw |
| 9 | 2 | | 4mm flat washer |
| 10 | 1 | | M4 Nyloc nut |
| 11 | 1 | MCS 025B | 5mm eye bead chain connector |
| 12 | 1 | MCS 025C | Bead chain and coupling |
| 13 | 1 | MCS 025D | 9mm eye bead chain connector |
| 14 | 1 | MCS 025E | Bead chain coupling |
| 15 | 1 | MCS 025G | 3 bead connector |
| 16 | 1 | MCS 025H | Wire loop connector |
| 17 | 1 | MCS 025I | Throttle cable clamp (threaded) |
| 18 | 1 | MCS 025J | Throttle cable clamp (unthreaded) |
| 19 | 2 | | M6 x 16 bolt |
| 20 | 2 | | 6mm flat washer |
| 21 | 1 | MCS 025 | Carburettor arm |
| 22 | 1 | MCS 025L | Indented washer for carburettor arm |
| 23 | 1 | MCS 024A | Flexible cable clamp |
| 24 | 1 | | M6 x 16 bolt |
| 25 | 2 | | 6mm flat washer |
| 26 | 1 | | M6 Nyloc nut |
| | 5cm | HST 9 | 9mm heat shrink tube |
| | 5cm | HST 6 | 6mm heat shrink tube |

MCSU 400 SCL Parts to adjust Servo Cable Length

The following parts are to allow the actuator cable length to be altered. The barrel cable nipple on the actuator cable be cut off, the cable inner (wire rope) and outer (sheath) cut to shorten the length, and the grub screw cable nipple fitted to the cable.

| | | | |
|----|---|-------------|-------------------------------|
| 27 | 1 | MCS 426A | Grub screw cable nipple |
| 28 | 2 | | M4 x 4 grub screws |
| 29 | 2 | BLP250 | Boot Lace Pins |
| 30 | 1 | MCSU 425M6C | Cable adjuster with lock nuts |
| 31 | 2 | MCS 054 | Wire ring cable retainer |
| | 2 | | 2mm hex keys |

MCSU 400 C Speed sensor kit

Note: - only required if connection to electric speedometer sender is not possible (motorcycle does not have an electric speedometer, or wiring is not accessible).

| | | | |
|----|---|---------|---|
| 32 | 1 | MCS 027 | Speed sensor |
| 33 | 4 | | 6mm flat washer |
| 34 | 1 | | M6 Nyloc nut |
| 35 | 1 | MCS 024 | Universal 'L' mounting bracket for speed sensor mounting |
| 36 | 6 | MCS 045 | 6mm dia x 4.5mm long magnets (other size magnets available on request (6D x 6L, 6D x 3L, 4.75D x 4.75L, 8D x 5L)) |

MCSU 400 H Electrical Connection Kit

Note: - This kit contains various electrical terminals for the wiring loom. The contents of the kit will depend on the make and model of the motorcycle.

| | | |
|----|-----------------|--|
| 20 | AMP 3-1447221-4 | Computer plug terminals |
| 2 | AMP 4-1437284-3 | Computer plug blanking plugs |
| 2 | H1863 | 6mm ring terminal (ground connection, usually battery negative terminal) |

Various other connectors and terminals supplied will depend on the make and model of motorcycle

Parts list drawing

