

BMW R1150R (no ABS or ABS2)

Parts list for MCS 4330

| <u>Item</u> | <u>Qty</u> | <u>Part Number</u> | <u>Description</u> |
|-------------|------------|--------------------|--|
| 1. | 1 | MCSU 400C | Computer |
| 2. | 1 | MCS 001 | Foam block for computer |
| | | <u>MCS4012</u> | <u>Vacuum actuator assembly</u> |
| 3. | 1 | MCS 574 | Vacuum actuator |
| 4. | 1 | MCS 4012A | Actuator mounting bracket |
| 5. | 1 | MCS 574D SP | top (solenoid) cover (silver pearl finish) |
| 6. | 1 | MCS 574E SP | bottom (diaphragm) cover (silver pearl finish) |
| | 1 | MCS 574F | grommet |
| | 3 | | 6g x 1/2" self tap screw |
| | 1 | | 6g x 3/8" self tap screw |
| 7. | 1.2 metres | | 4mm vacuum hose |
| 8. | 1 | MCS 031 | Vacuum 'T' connector |
| 9. | 2 | MCS 032 | Vacuum stop valve |
| 10. | 1 | MCSU 401 | Wiring loom |
| a | | | Computer plug (26 pin) |
| b | | | Fuse holder (3 amp fuse) |
| c | | | Tach sensor wire (yellow wire) (not normally used in this installation, can be connected if desired) |
| d | | | Speed sensor connectors (co-axial wire) |
| e | | | Actuator plug (4 pin) |
| f | | | Power & brake sensor wires (orange and grey wires) |
| g | | | Ground connector (black wire) |
| h | | | Neutral sensor wire (blue wire) |
| i | | | Control switch plug (6 pin) |
| | | <u>MCS4334</u> | <u>Switch assembly</u> |
| 11. | 1 | MCS 820 | Switch |
| 12. | 1 | MCS830F-SB | Switch bracket |
| | 1 | MCS 830Z | Switch back cover |
| | 4 | | 4 gauge x 1/2" pan head self tap screw |
| | 1 | | 100mm cable tie |
| 13. | 2 | | M4 x 20 pan head metal thread screws |
| 14. | 2 | | 4mm flat washer |
| | | <u>MCS 4335</u> | <u>Cable Interface Unit (CIU) assembly</u> |
| 15. | | | |
| 16. | 1 | MCS 4335A | CIU housing |
| 17. | 1 | MCS 003M | Actuator cable spool |
| 18. | 1 | MCS 4336 | Carburettor (throttle body) cable spool |
| 19. | 1 | MCS 4336A | Throttle grip cable spool |
| 20. | 1 | MCS 003H | Bush |
| 21. | 1 | MCS 003J | End Cap |
| 22. | 1 | | Pivot bolt M5 x 45 plated bolt |
| 23. | 1 | | Pivot nut M5 Nyloc nut |
| 24. | 2 | | 5mm plated flat washer |
| 25. | 1 | | M4 x 6 pan head screw (actuator cable retainer) |

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| 26. | 1 | MCS4335B | CIU mounting bracket |
| 27. | 1 | | M8 x 16mm bolt |
| 28. | 1 | | 8mm flat washer |
| 29. | 1 | MCSU 427 | Inner throttle cable (wire rope with barrel nipple) |
| 30. | 2 | MCSU 425-C | Throttle cable adjuster – coarse thread (M6 x 1) |
| 31. | 2 | | M6 lock (thin) nut – coarse thread (M6 x 1) |
| 32. | 1 | MCSU 425-BMW | Throttle cable adjuster – fine thread (M6 x 0.75) |
| 33. | 1 | MCS 003W | Throttle cable retainer |
| 34. | 3 | MCS 054 | Spring clip |
| 35. | 2 | MCSU 426A | Grub screw cable nipple |
| 36. | 4 | | M4 x 4 socket set screw (grub screw) |
| 37. | 4 | BLP 250 | Boot lace pin (2 spare) |
| | 2 | | 2mm short arm hex key |
| | | <u>MCS 4083</u> | <u>Speed sensor assembly</u> |
| 38. | 1 | MCS 4083A | Speed sensor bracket |
| 39. | 1 | MCS 027 | Speed sensor |
| 40. | 5 | | 6mm flat washer |
| 41. | 1 | | 6mm dome nut |
| 42. | 1 | | M5 x 12 pan head screw |
| 43. | 1 | | 5mm flat washer |
| | 5 | MCS 046 | magnet, 4.75mm dia x 4.75mm long |
| | 10 | | 100mm cable ties |
| | 10 | | 150mm cable ties |
| | 10 | | 200mm cable ties |
| | 1 | M1625-2P | Brake switch connector 2way |
| | 3 | H 9007 | Pin terminals for above |
| | 1 | M1625-2R | Brake switch connector 2 way |
| | 3 | H 9008 | Receptacle terminals for above |
| | 3 | H 2590 | 4.8mm QC receptacle (speed sensor connector) |
| | 2 | H 2088 | Insulator for above |
| | 10cm | HST 3 | Heat shrink tube |
| | 10cm | HST 6 | Heat shrink tube |
| | 3 | H 1527 | Splice terminal (tach sensor connection) |
| | 5cm | HST3 | Heat shrink tube |
| | 5cm | HST6 | Heat shrink tube |
| | 2 | H 2590 | 4.8mm QC receptacle terminal (tach sensor wire connector) |
| | 1 | H 2088 | Insulator for above |
| | 2 | H 2571 | 4.8mm QC tab terminal (tach sensor wire connector) |
| | 1 | H 2805 | Insulator for above |
| | 3 | H 1527 | Splice terminal (clutch sensor connection) |
| | 5cm | HST3 | Heat shrink tube |
| | 5cm | HST6 | Heat shrink tube |
| | 2 | H 2590 | 4.8mm QC receptacle terminal (clutch sensor wire connector) |
| | 1 | H 2088 | Insulator for above |
| | 2 | H 2571 | 4.8mm QC tab terminal (clutch sensor wire connector) |
| | 1 | H 2805 | Insulator for above |

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| 2 | H 1863 | 6mm ring terminal (ground connection) |
| 20 | AMP 3-1447221-4 | Computer plug terminals |
| 2 | AMP 4-1437284-3 | Computer plug blanking plugs |
| 5 | | Wire tap connectors ('Scotchlock' or 'Quick tap' connectors) |

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

Parts list drawing

