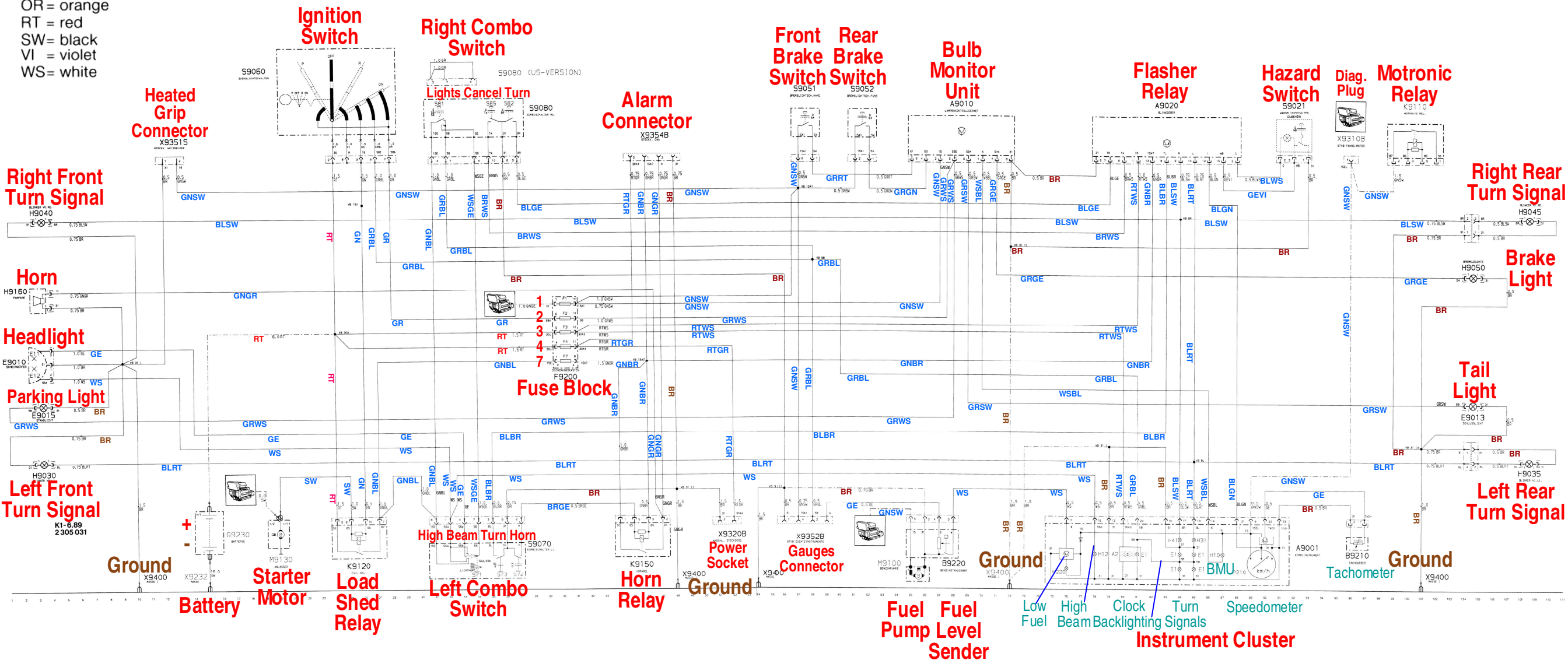


Colour codes
 BL = blue
 BR = brown
 GE = yellow
 GN = green
 GR = grey
 OR = orange
 RT = red
 SW = black
 VI = violet
 WS = white

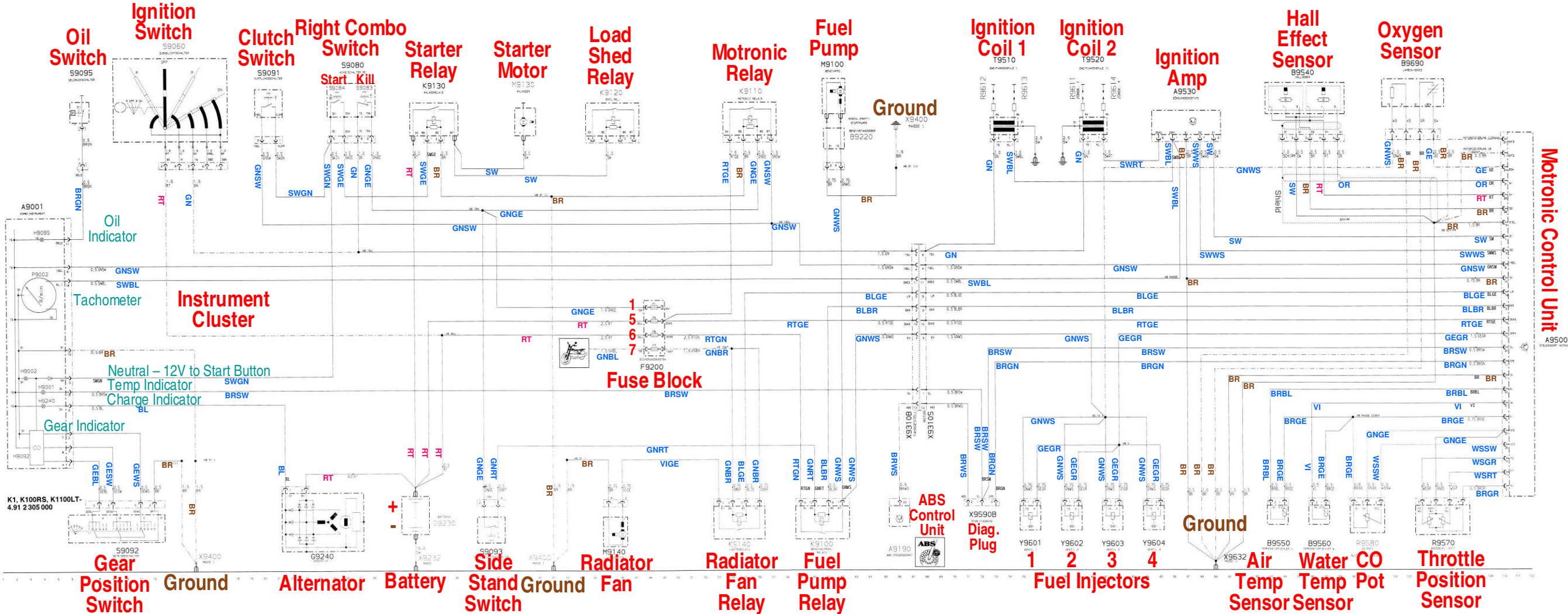
BMW K1 Frame Wiring Diagram

(K100RS4V is very similar)



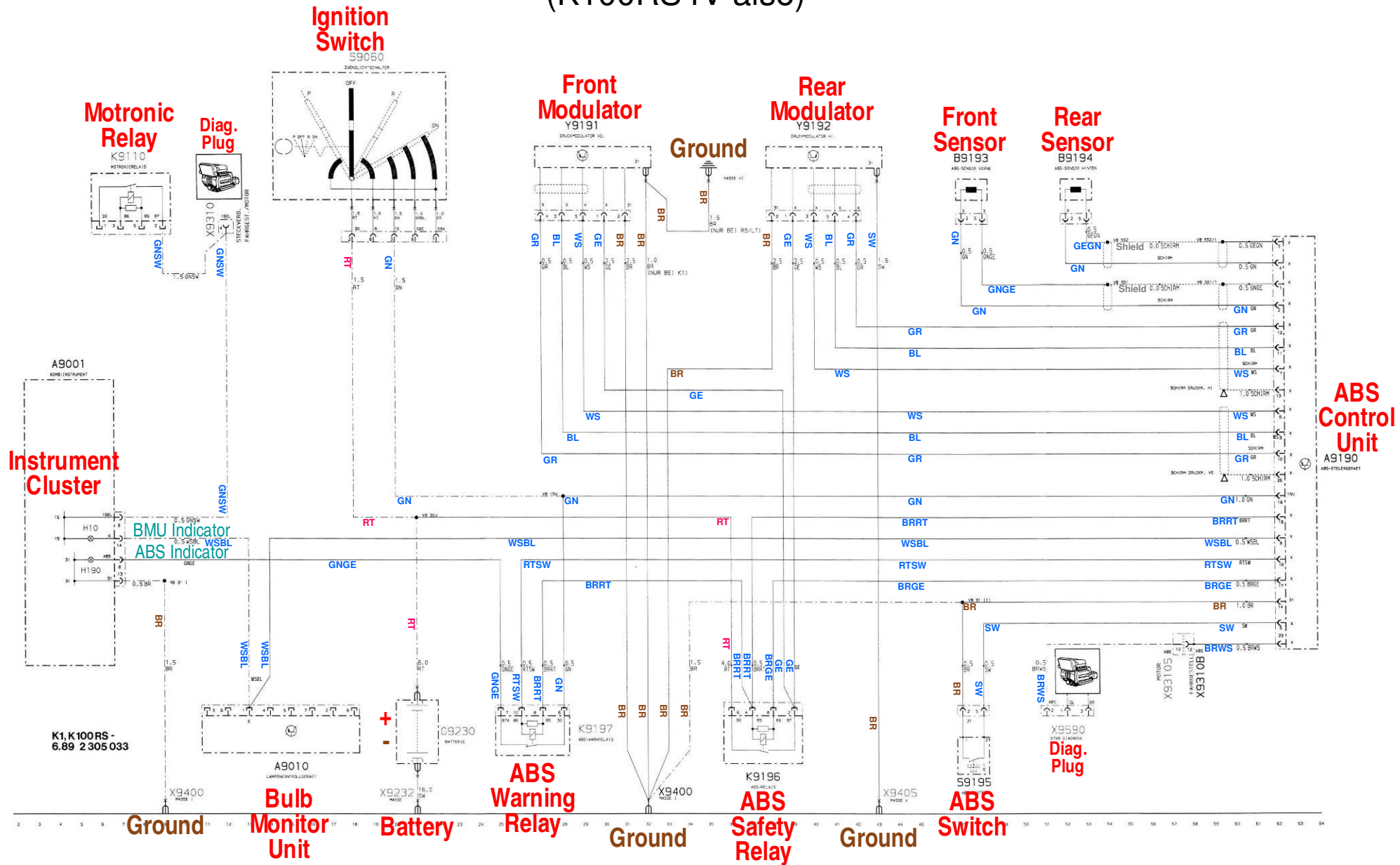
BMW K1 Motor Wiring Diagram

Catalytic converter version
(K100RS4V, 1993 & Earlier K1100LT)



BMW K1 ABS Wiring Diagram

(K100RS4V also)



K1,K100RS4V FUSES

S/U		In		Out	
F1	Sw	GNGE	<i>Kill Switch</i>	GNSW	Front Brake Switch Rear Brake Switch Fuel Gauge Temp Gauge Bulb Monitor
F2	Sw	GR	<i>Ign Switch</i>	GRWS	Bulb Monitor Parking Light
F3	Un	RT	<i>Battery</i>	RTWS	Clock Flasher Relay
F4	Un	RT	<i>Battery</i>	RTGR	Power Socket
F5	Un	RT	<i>Battery</i>	RTGE	Motronic Motronic Relay
F6	Un	RT	<i>Battery</i>	RTGN	Fuel Pump Relay Fan Relay(2x)
F7	Sw	GNBL	<i>Load Shed Relay</i>	GNBR	Alarm Connector Flasher Relay Horn Relay(2x)

LEGEND

A9001 ### Kombiinstrument ### 84

A9002 ### Uhr ### 80

A9010 Instrument cluster 68

A9020 Flasher unit 83

A9190 ABS control unit 66

A9500 Motronic control unit 110

A9530 ### Zündungsendstufe ### 88

B9193 ABS front sensor 47

B9194 ABS rear sensor 53

B9210 ### Tachogeber ### 96

B9220 Fuel gauge transmitter 68

B9540 Hall-effect transmitter 95

B9550 Air temperature sensor 92

B9560 ### Temperaturfühler Wasser ### 95

B9690 Oxygen-Sensor 103

E9001 Low-beam headlight 81, 84, 85

E9010 Headlight 3

E9011 Dipped-beam headlight 3

E9012 High-beam headlight 3

E9013 Rear light 104

E9015 Parking light 3

F9001 ### Sicherung 1 ### 40

F9002 ### Sicherung 2 ### 40

F9003 ### Sicherung 3 ### 40

F9004 ### Sicherung 4 ### 40

F9005 ### Sicherung 5 ### 48

F9006 ### Sicherung 6 ### 48

F9007 ### Sicherung 7 ### 40

F9200 Fuse box 40

G9230 Battery 15

G9240 Alternator 24

H9001 ### Warnleuchte Kühlmitteltemperatur ### 4

H9002 Neutral telltale 3

H9010 Oil pressure warning light 87

H9012 High-beam headlight telltale 78

H9030 Front left flashing turn indicator 8

H9031 Left-hand indicator telltale 85

H9035 Front right flashing turn indicator 107

H9040 Rear left flashing turn indicator 8

H9041 Turn indicator repeater, right 84

H9045 Rear right flashing turn indicator 107

H9050 Brake light 107

H9090 Bulb telltale 4

H9092 4

H9095 Oil pressure telltale 4

H9160 ### Fanfare ### 3

H9190 ABS telltale 5

H9220 ### Warnleuchte für Tankreserve ### 76

H9240 Battery charge telltale 4

K9100 Fuel pump relay 60

K9110 Motronic relay 100

K9120 Load relief relay 25

K9130 Starter motor relay 32

K9140 Fan relay 55

K9150 Horn relay 46

K9196 ABS relay 37

K9197 ABS warning relay 26

M9100 Fuel pump 65

M9130 Starter motor 20

M9140 ### Lüfter ### 45

P9002 ### Drehzahlmesser ### 4

P9210 ### Tacho ### 90

R9570 Throttle butterfly potentiometer 105

R9580 Co-potentiometer 99

R9611 Spark plug 1 79

R9612 Spark plug 2 73

R9613 ### Zündkerze 3 ### 74

R9614 ### Zündkerze 4 ### 81

S9021 Hazard warning flasher switch 91

S9051 Brake light switch, hand-operated 57

S9052 Brake light switch, foot-operated 62

S9060 Ignition light switch 25

S9070 Combined switch, left 34

S9071 High-beam headlight switch 34

S9072 Horn switch 37

S9073 Indicator switch, left 35

S9080 Combined switch, right 33

S9081 Light switch 31

S9082 Indicator switch, right 37

S9083 Emergency 'Off' switch 27

S9084 Starter switch

S9085 Indicator cancel switch 35

S9090 ### Chokekontroll-Schalter ### 18

S9091 Clutch-operated switch 20

S9092 Transmission switch 9

S9093 Side stand switch 36

S9095 Oil pressure switch 7

S9195 ABS switch 47

T9510 Dual-spark coil 74

T9520 ### Zündspüle 2 ### 80

X9010 Plug connection -front indicators 4

X9021 ### Anschluß Warnblinkschalter ### 92

X9232 Battery earth (ground) 15

X9310 ### Steckverbindung Fahrgestell/Motor ### 96

X9320 ### Anschluß Steckdose ### 51

X9351 Plug connection, heated handlebar grips 13

X9352 ### Steckverbindung Zusatzinstrumente ### 57

X9354 Thiefproofing device plug connection 47

X9400 Frame earth (ground) 12/48/54/72/99

X9590 Diagnosis plug 72

X9632 ### Masse II ### 88

Y9191 ### Druckmodulator vorn ### 29

Y9192 ### Druckmodulator hinten ### 41

Y9601 Valve 1 75

Y9602 Valve 2 78

Y9603 ### Ventil 3 ### 81

Y9604 ### Ventil 4 ### 84