

SPORT EVOLUTION

Legend: SE Motogadget Wiring Harness, Item No.: SE-60-20002-01-003

0 – Battery
as the red battery positive

ATTENTION: The original thick positive cable must also be used
must continue to be used!

1 – Ignition Switch Connector When using our compatible ignition switch SE-60-0110-01-000, the red
battery positive (30) to B
Green – Switched positive (15) to IG
Gray – Parking Light
Yellow/white – Power supply for low beam and high beam (56) to L

2 – Fuse box: Green –
Switched positive; Gray
– Parking lights
Red/white – Power (switched) for speedometer (2
amps) Green/black – Power (switched) (10 amps)
Gray/black – Parking lights (10 amps)
Red – Power (positive) for speedometer (2 amps)
Yellow/white – Power supply for low beams and high beams (10 amps)

3 – Turn signal relay
Green/Black – Power (Positive)
Power supply for turn signals

When using the included turn signal relay,
(small black box, Shop No. 7050600) Green/yellow –
Red to green/black, black to green/yellow

4 – Horn connector

Green/black – switched positive
Brown/white – switched ground

5 – Front brake light switch cable:

Green/black (positive) to
red/green – brake light

6 – Rear brake light switch cable:

Green/black (switched positive) to
red/green – brake light

7 – Rear wiring harness

connector: Brown –
Ground
Red/green – brake light;
Gray/black – taillight;
Blue/black – right turn signal;
Blue/red – left turn signal

8 – Front lamp connector:

Brown – Ground
Gray/black – Parking light
Yellow – Low beam
White – High beam

9 – Speedometer/instrument

cluster connector: Black –
Button
Black – Ground Button
Brown – Ground
White – Ground Speedometer
sensor Red – Speedometer
sensor
Black – Tachometer signal
Brown/black – Idle/Neutral indicator light
Brown/green – Oil pressure indicator light
Red/white – Positive when engaged
Blue/black - Right turn signal indicator light Red -
Engaged positive
Blue/red - Left turn signal indicator light
White - High beam indicator light

10 – Ignition coil connector

Black - Ignition breaker Black -
Tachometer signal
Green – Ignition current

11 – Starter relay

Blue/yellow – switched ground Green/blue

– ignition current

Red – Battery positive

Black – Starter control current

Red – No. 8 ring terminal connects to the starter's positive battery terminal

12 – Starter/alternator connector (the 2-pin connector is connected to the engine wiring harness)

Blue – charging monitor

Black – Starter control current

13 – Light/Starter Switch Connector (right, 6-pin)

Yellow/white – Power supply for low beam and high beam Green –
Switched positive

Brown – Ground

Green/blue – Ignition
current

Blue/yellow – Switched ground

14 – Left turn signal / low-beam switch connector (9-pin)

Yellow/white – Power supply for low beams and high beams

Brown – Ground

White – High beams

Brown/white – Switched ground for horn

Green/yellow – Power supply for turn
signals Yellow – Low beams

Blue/black - Right turn signal

Blue/red - Left turn signal

15 – Ground (6-pin ring terminal)

Brown – Ground, connects to the chassis

Black – Ground (the No. 8 ring terminal must be screwed to the engine/transmission or battery ground) 16 – No.

8 ring terminal

Red – Starter motor, connects to the positive terminal of the battery at the starter motor

17 – Oil pressure connector (the original wiring harness for the oil pressure switch and idle switch is no

longer used) Brown/green – Oil pressure switch

18 – Idle/Neutral connector (the original wiring harness for the oil pressure switch and idle switch is no longer used)

Brown – Ground

Brown/black – Idle/Neutral

19R – Front right turn signal

connector Brown – Ground

Blue/black

19L – Front left turn signal

connector Brown – Ground

Blue/red

- 20 – Charging indicator light connector (resistor, e.g., SE-60-20109-01-000, or 3-watt indicator light) Green/black - switched positive
Blue
- 21 – Engine ignition connector (the 3-pin connector is connected to the engine wiring harness for the ignition) Black – Ignition breaker
Brown - Ground
Green/blue - Ignition current
- 22 – Speedometer pushbutton Black
Black
- 23 – Speedometer/Sensor Connector White - Ground
Red - Speedometer signal: Green/black - Positive

When using the SE wiring harness on vehicles with a breaker contact, please note the following changes:

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|------------------------------------|---|
| 10-pin ignition coil connector | For 2 ignition coils |
| Black – Ignition breaker | = 1st ignition coil |
| negative Black – Tachometer signal | |
| Green – Ignition current | = 2nd ignition coil positive |
| | The small original jumper is still required and connects the positive terminal of the 1st ignition coil to the negative terminal of the 2nd ignition coil |
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- | | |
|---|--|
| 12 – Starter/Alternator Connector (the 2-pin connector is connected to the engine wiring harness) | |
| Blue – Charging monitor | = Excitation current for the alternator; goes to the diode board |
| Black – Starter control current | = Goes to the starter |
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- | | |
|---|--|
| 21 – Engine ignition connector (the 3-pin connector connects to the engine wiring harness for the ignition) | |
| Black - Ignition breaker | = Connects to the cable from the breaker contact Brown – |
| Ground | = Not required |
| Green/blue - Ignition current | = Not required |

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