

TYPE-4 M RUN-N-LITES

Fits R-BIKES from 1970 on with Aluminum Turn Signal Housing
Front and Rear all models

Kit consist of:

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|--|---------|
| * TWO-WIRE HARNESS WITH PIGGY-BACK CONNECTOR | 1 piece |
| * RUN-N-LITES TYPE-4 LIGHT SOCKET | 1 pair |
| * BULB, #1157 | 1 pair |

FRONT INSTALLATION INSTRUCTIONS

- 1) Remove the headlight to gain access to the wiring inside headlight housing.
- 2) Models with Parking Lamp built into the headlight reflector. Unplug the power lead (Gray with black stripe) from the parking lamp. Connect the PIGGY-BACK CONNECTOR of the two-wire harness to the parking lamp spade lug and connect the parking lamp power lead onto the piggyback connector. On earlier models, locate the Gray with Black color-coded section on the electrical spade panel, located inside the headlight housing. Plug the PIGGY-BACK CONNECTOR onto one of the available spades, if one is not available, displace one of the present wires with the PIGGY-BACK CONNECTOR and reconnect that wire onto the back of the connector.
- 3) Bring the LONG leads through the grommet in back of headlight housing.
- 4) Remove the turn signal lenses and unplug the wires from the present turn signal light sockets. Put sockets away for safekeeping.
- 5) Route the LONG leads of the TYPE-4 light sockets down to the turn signal housing mounting stems, adjacent to the existing wiring, to the back of the headlight housing, and through the turn signal stems into the turn signal housing.
- 6) Remove the RED female connector from the ground lug of the RUN-N-LITES TYPE-4 light socket reflector. Crimp the ground wire (brown) to the RED female connector. R-BIKES with metal turn signal housings may not have a ground wire; the housing is the ground.
- 7) Remove the fully insulated RED male connector from the short lead. Crimp the turn signal power wire (blue with stripe) to this connector and reconnect it to its male counterpart.
- 8) Remove the fully insulated RED female connector from the other longer lead. Crimp the long lead, which you routed into the signal light housing, to it and reconnect it to its male counterpart.
- 9) Reinstall headlight and turn signal lenses and test the system

REAR INSTALLATION INSTRUCTIONS

- 1) Remove the tail light lens and unbolt the taillight housing from the rear fender. Remove the turn signal lenses and disconnect the wires from the existing reflectors. Put sockets away for safekeeping.
- 2) Connect the PIGGY-BACK CONNECTOR of the two-wire harness to the tail light bulb spade lug and connect the tail light wire (Gray with black stripe), onto the back of this connector.
- 3) Route the long leads through the bottom of the taillight housing grommet adjacent to the existing wiring.
- 4) Route the LONG leads of the harness through the hole in the center of the turn signal mounting tube and down the tube, one to the right, the other end to the left side. Use a piece of mechanics wire to do this, by taping the end of one of the harness to the end of the wire and pushing it down the tube, disconnecting it and doing it again on the other side.
- 5) Remove the RED female connector from the ground lug of the RUN-N-LITES TYPE-4 light socket reflector. Crimp the ground wire (brown) to the RED female connector. R-BIKES with metal turn signal housings may not have a ground wire; the housing is the ground.
- 6) Remove the fully insulated RED male connector from the short lead. Crimp the turn signal power wire (blue with stripe) to this connector and reconnect it to its male counterpart.
- 7) Remove the fully insulated RED female connector from the other, longer lead. Crimp the long lead, which you routed into the signal light housing, to it and reconnect it to its male counterpart.
- 8) Reassemble the tail light housing and the turn signal mounting bar to the fender and reinstall the turn signal lenses.

TEST TURN SIGNALS AND ALL LIGHTS FOR CORRECT OPERATION

If turn signal operation is "odd", check that the ground wire and turn signal power leads are not reversed on one or both RUN-N-LITES TYPE-4 sockets.

BE SAFE...BE SEEN!!

RUN-N-LITES

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Thank you for your business

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