

# TYPE-4 RUN-N-LITES

Fits R-BIKES from 1970 TO PRESENT – with **Plastic Turn Signal Housing** - (Airheads) rear all  
Front all except RT & RS

Kit consist of:

- |                                   |         |
|-----------------------------------|---------|
| * PIGGYBACK CONNECTOR WITH LEAD   | 1 piece |
| * RUN-N-LITES TYPE-4 LIGHT SOCKET | 1 pair  |
| * WIRE JOINT                      | 1 piece |
| * BULB, #1157                     | 1 pair  |

## FRONT INSTALLATION INSTRUCTIONS

- 1) Remove the turn signal lenses and unplug the wires from the present turn signal light sockets. Put sockets away for safe keeping.
- 2) Connect the ground wire (brown) to the tab on the RUN-N-LITES TYPE-4 light socket reflector. R-BIKES with metal turn signal housings may not have a ground wire, the housing services as the ground.
- 3) Connect the turn signal power wire (blue with strip) to the SHORT lead of the TYPE-4 light socket. Tape this connection.
- 4) Route the LONG leads of the TYPE-4 light sockets down the turn signal housing mounting stems, adjacent to the existing wiring, to the back of the head light housing.
- 5) Remove the headlight to gain access to the wiring inside headlight housing.
- 6) Bring the LONG leads thru the grommet in back of headlight housing. Join these leads together with the PIGGY-BACK LEAD, crimp the ends together with the WIRE JOINT, inside the headlight housing.
- 7) Models with Parking Lamp built into the headlight reflector. Unplug the power lead (Gray with black strip) from the parking lamp. Connect the PIGGY-BACK CONNECTOR 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.
- 8) Reinstall headlight and turn signal lenses.

## REAR INSTALLATION INSTRUCTIONS

- 1) Remove the tail light lens and unbolt the taillight housing from the rear fender.
- 2) Route the LONG leads from the TYPE-4 light sockets down the turn signal mounting tube to the hole at the center. Use a piece of mechanics wire to do this.
- 3) Connect the ground wire (brown) to the tab on the RUN-N-LITES TYPE-4 light socket reflector. R-BIKES with metal turn signal housings may not have a ground wire.
- 4) Connect the turn signal wire (blue with strip) to the SHORT lead of the TYPE-4 light socket. Tape this connection.
- 5) Route the long leads up through the bottom of the taillight housing adjacent to the existing wiring.
- 6) Bring the LONG leads and the PIGGY-BACK LEAD together inside the tail light housing and crimp the ends together with the WIRE JOINT.
- 7) Connect the PIGGY-BACK CONNECTOR to the tail light bulb spade lug and connect the tail light wire (Gray with black strip), onto the back of this connector.
- 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!!**

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**RUN-N-LITES**

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**Thank you for your business**

**Klaus Huenecke**

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