

INSTALLATION INSTRUCTIONS

DRAG SPECIALTIES HEADLIGHTS P/N 2001-0328

ATTENTION INSTALLER (IF OTHER THAN OWNER):

Please forward this Instruction Sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

INTRODUCTION: These instructions describe the procedure for properly installing the wiring on the 7" headlight with parking light. Review instructions carefully before beginning, as they contain important information. Please retain for future reference. Particularly important information is distinguished in these instructions by the following notations:

NOTE: A NOTE: Provides key information to make procedure easier or clearer.

CAUTION: A CAUTION: Indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING!: A WARNING!: Indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.



NOTE: This instruction sheet will help you wire the 7" headlight with parking light correctly. Please refer to the wiring schematic at the end of the instruction sheet for further clarification if necessary. All wiring connections should be soldered and covered with heat shrink material for trouble free connections.

PROCEDURE:

WARNING!:

Make sure the motorcycle is located on a level surface. Disconnect the battery by removing the negative cable first before attempting any work on the motorcycle.

1. After mounting the headlight shell on the front fork of the motorcycle, we strongly suggest that you remove the headlight bezel and the headlight reflector. This will help you determine that you are using the correct wires.
2. Determine which existing wires on your bike supply power to the high beam and low beam.

NOTE:

On OEM Harley models, the existing high beam wire is a white wire, and the existing low beam wire is a yellow wire.

3. Observe the wires that exit at the rear of the headlight. You will find that there is a plastic sheath with two black wires, one yellow wire, and one white wire inside. Install these wires as follows: First connect the white wire from

the headlight to the white wire or high beam wire from the motorcycle wire harness. Next, connect the yellow wire from the headlight to the yellow wire or low beam wire from the motorcycle wire harness. Last, connect both of the black wires to a ground on the frame of the motorcycle. Do not ground these wires to the front fork assembly.

4. To use the parking light feature on Domestic models, the parking light hot wire should be wired to the accessory circuit on the motorcycle. To find an easy location to connect to the accessory circuit, trace the headlight wires back into the wire harness to the first connector. You should find an orange/white wire on the other side of the connection that is not used unless your model has a front fender tip light, in which case you would wire the parking light into the same wire as the front fender tip light. This wire would also be an orange/white wire. Connect the single yellow wire with the bullet connector on it to the orange/white wire or accessory wire. You can remove the bullet connector if desired. Connect the matching black wire with the bullet connector on it to the ground terminal on the motorcycle frame.
5. On International models, the parking light is connected to an orange/white wire also. This wire is already installed in the wire harness and should have been connected to the original parking lamp. Connect the yellow wire with the bullet connector on it to the orange/white wire. Connect the matching black wire with the bullet connector to the ground terminal on the frame.



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NOTE:

For another option on connecting the black ground wire, wire it together with the two black wires connected in step # 3.

- You will find that you still have a single heavy yellow wire with a female spade connector on it that exits the rear of the headlight. This wire will not be used, so cut the connector off, pull the wire into the inside of the headlight shell and securely tape off the end of the wire.
- Reassemble the headlight, connect the battery negative cable and test the light system. With all wires connected as above, the parking light should light when the ignition switch is turned to the accessory position, if available. When the ignition switch is turned to the on or lights position, the headlight should illuminate. Check the operation of the headlight, making sure the high beam on the light is on when

the dimmer switch is in the high position and the high beam indicator light is lit. Flip the dimmer switch and check the low beam operation also.

- To set the aim of the headlight, measure from the center of the headlight to the ground. Make a mark on a wall at this height, and back the motorcycle up at least 25 feet. Turn the high beam on and it should hit the mark, adjust up or down as necessary. When the low beam is turned on, it should move the light beam down and slightly to the right.
- Tighten the headlight mount securely and make sure that all wires are routed so that they will not be pinched between any moving parts on the front of the motorcycle.

WARNING!

Before operating motorcycle, be sure all hardware is tight.

