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Recess Mount and Steering Column Turn Signal Switch with Flasher

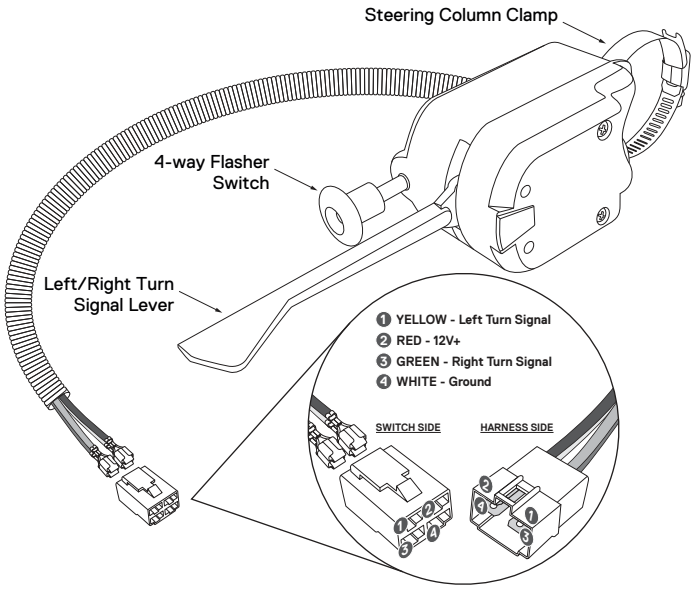
Manual ID: PIM-00000216-V001

IMPORTANT: READ CAREFULLY BEFORE ASSEMBLY AND USE.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems, and procedures.
- If mounting this product requires drilling holes, the installer MUST be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- If this manual states that this product may be mounted with suction cups, magnets, tape or Velcro®, clean the mounting surface and dry thoroughly prior to apply adhesive for maximum adhesion.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- Do not attempt to activate or control this device in a hazardous driving situation.

Steering Column Turn Signal Switch with Built-In Flasher

Steering Column Turn Signal Switch Diagram:

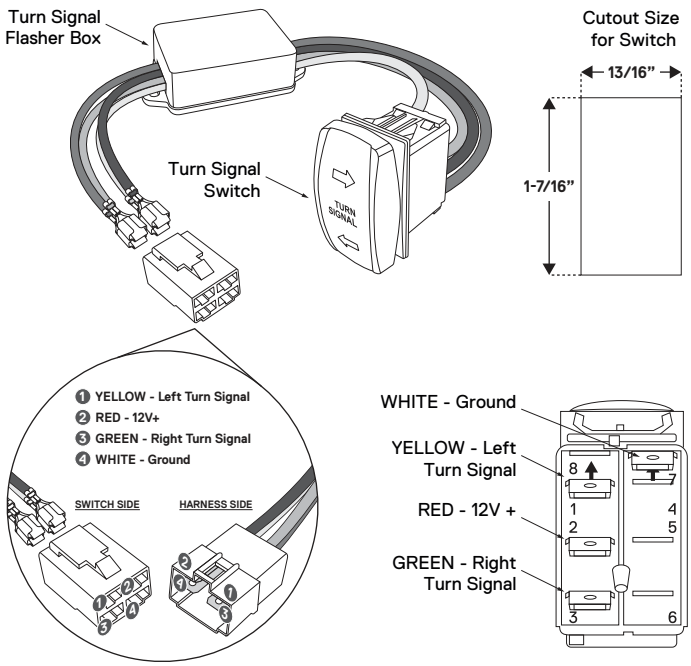


Steering Column Turn Signal Switch Mounting Instruction:

1. Select a desired mounting location of the turn signal switch on the steering column. Ideally, the LED indicator lights on the switch should be visible from the driver's seat.
2. Attach the clamp to the turn signal switch housing by inserting the steel band into the groove on the turn signal switch housing.
3. Disassemble the clamp by turning the fastener counter-clockwise.
4. Wrap the steel band around the desired mounting location on the steering column.
5. Reassemble the clamp by inserting the steel band into the fastener assembly and turn fastener clockwise. Adjust position of the turn signal switch on the steering column prior to tightening the fastener completely.
6. Test the operation of the steering wheel with the turn signal switch attached to the steering column to make sure the switch doesn't impede the driver's ability in properly operating the vehicle. Select a different mounting location of the turn signal switch if necessary.
7. Insert the terminals into the wiring connector based on the Steering Column Turn Signal Switch Diagram.

Turn Signal Switch with Flasher

Turn Signal Switch with Flasher Diagram:



Steering Column Turn Signal Switch Mounting Instruction:

1. Select a desired mounting location for the turn signal switch. Refer to Turn Signal Switch Diagram for the size of the cutout hole needed.
   NOTE: Always make sure that no vehicle systems or wiring will be damaged when making the cutout hole.
2. Proceed on making the cutout hole on the desired mounting location.
3. Perform the necessary wiring connection. Refer to the Turn Signal Switch Diagram.
4. Feed the turn signal flasher box through the cutout hole for the switch.
5. Secure the turn signal flasher box to a surface using the included 3M double sided tape.
6. Insert the switch into the cutout.

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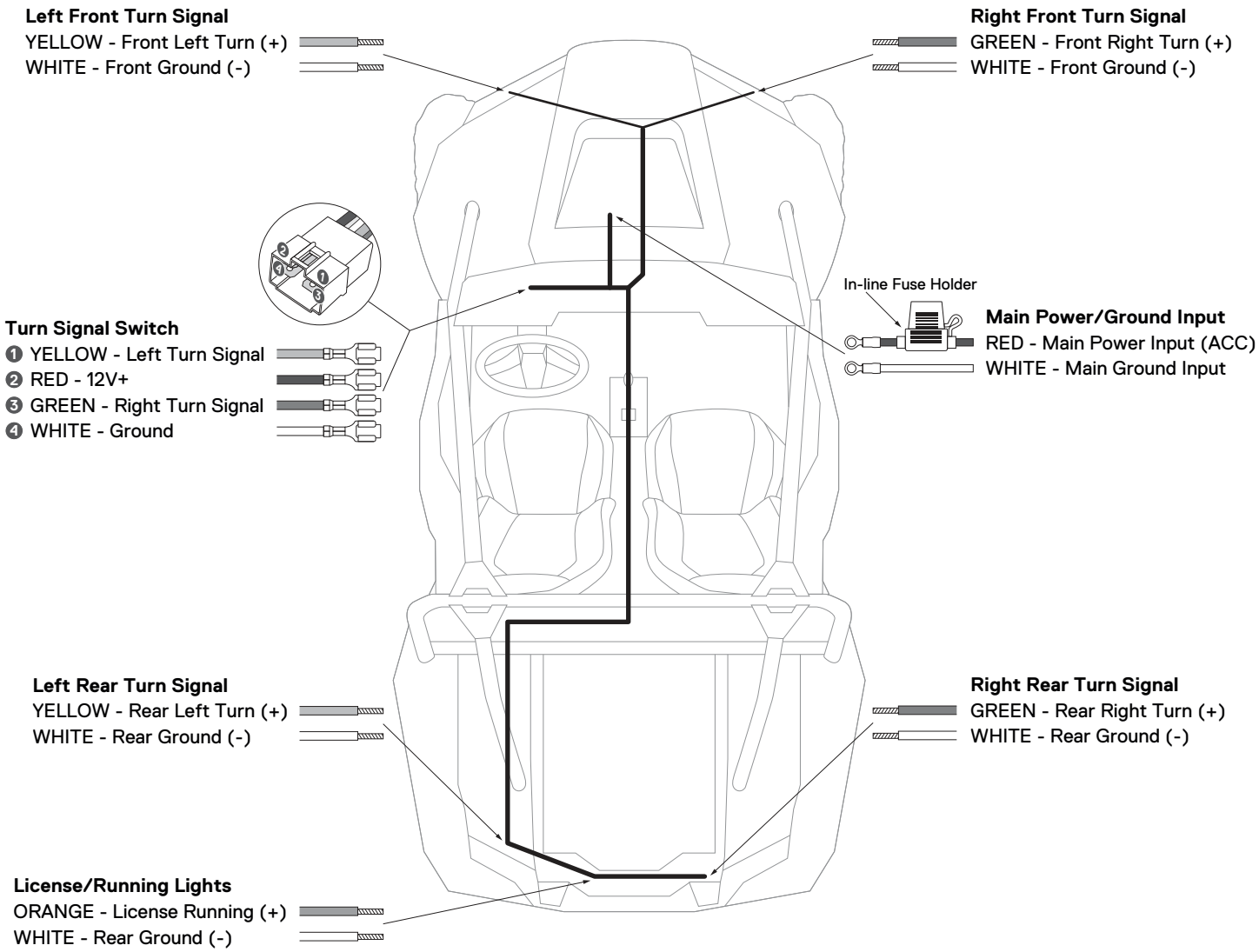
UTV Turn Signal Kit Wiring Harness

Manual ID: PIM-00000217-V001

IMPORTANT: READ CAREFULLY BEFORE ASSEMBLY AND USE.

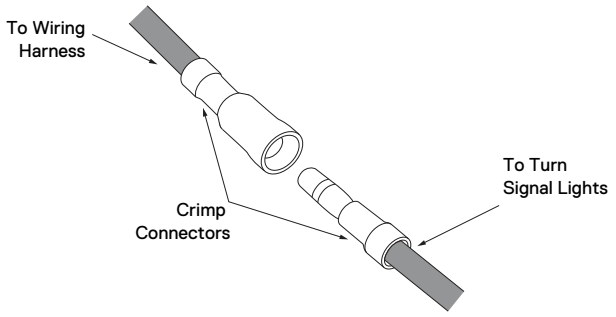
- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems, and procedures.
- If mounting this product requires drilling holes, the installer MUST be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- If this manual states that this product may be mounted with suction cups, magnets, tape or Velcro®, clean the mounting surface and dry thoroughly prior to apply adhesive for maximum adhesion.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- Do not attempt to activate or control this device in a hazardous driving situation.

Wiring Harness Diagram:



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Bullet Connectors Diagram:



Wiring Harness Installation Instruction:

Before Installation:

1. Determine how power and ground is to be supplied to the wiring harness.
   NOTE: The RED main power input wire on the wiring harness must be connected to an ACC (ignition power) triggered source. See the section "ACC Power Source from Popular Make and Models" for a vehicle-specific list of ACC power locations.

2. Locate the positions of the front and rear turn signal lights on the automobile.
   NOTE: If new turn signal lights are to be installed on the automobile, be sure to install them as far out to the corners as possible.

3. Determine how the wiring harness to each of the turn signal lights and license plate/running lights (if using) are to be routed throughout the vehicle. Including the structure in which the wiring harness will be secured to via the included zip ties. Consider routing the wiring harness alongside existing hoses and wires and ensuring it does not come in contact with any moving engine or suspension parts.
   NOTE: Although ample of wiring is included with the harness, additional wires may be needed depending on the automobile and how the wires are to be routed.

4. Determine how the wiring connections between the wiring harness and the turn signal/license plate lights are to be connected. Both female and male bullet connectors are included for this purpose. Refer to the Bullet Connectors Diagram.

Routing the Wiring Harness:

NOTE: The following instructions are just suggestions to be used as reference. The process of routing wires through a vehicle will vary between models and personal preference.

1. Remove the fuse from the in-line fuse holder.

2. Start by removing/loosening the front and rear (if present) center consoles from the automobile.
   NOTE: It is not a must to remove all panels completely as the wiring harness can be tucked underneath the panels with just an opening.

3. If working with an automobile that has the factory ACC power source located behind the dash/under the hood, feed the leads for the Main Power and Ground Inputs from the cockpit/center console through the dash into under the hood.

4. Make the connections of the Main Power and Ground Inputs to the ACC power and ground source as desired. Refer to the "ACC Power Source from Popular Make and Models" section.

5. Run the Leads to Turn Signal Switch from the center console to the cockpit where the turns signal switch is located and insert the terminals into the wiring connector if it is to be used. Refer to Wiring Harness Diagram.

6. Complete the connection between the wiring harness and the turn signal switch.

7. Feed the Leads to Front Turn Signal Lights from the cockpit/center console through the dash into under the hood.

8. Route the wiring leads to the left and right front turn signal lights.

9. Complete the wiring connections to the front turn signal lights by securing the wiring harness with zip ties and extending or shortening the wires if necessary.

10. Feed the Leads to Rear Turn Signal Lights from the cockpit/center console, through the rear center console (if present), and through the firewall.

11. Route the wiring leads to the left and right rear turn signal lights and license plate/running lights (if using).

12. Complete the wiring connections to the rear turn signal lights and license plate light (if using) by securing the wiring harness with zip ties and extending or shortening the wires if necessary.

13. Make sure all wiring and wire loom are securely affixed to the vehicle.

14. Re-insert the fuse into the in-line fuse holder.

15. Test out the turn signal and license plate light functions.

16. Re-install any covers and panels that were removed in the prior steps.

ACC Power Source from Popular Make and Models:

The following is a list of common ACC power locations on various UTV models. This list is only a guide, always verify key-on power and ground with a DMM or test light. Never use a vehicle's ACC power circuit to supply voltage directly to the whip. Instead, use a relay triggered by an ACC power source to supply the light with fused power directly from the battery.

Can-Am

Maverick: Many Maverick models have a 3-post distribution block inside the center console, behind the gear selector, on the passenger side of the console. One post is ground, one is constant power, and the last is switched ACC power.

Commander: Most Commander models have an unused accessory plug behind the center dash console.

Defender: Most Defenders have a 3-post distribution block behind the center of the dash. On models without a heater, the block will be open and accessible and covered by a plastic cap. On models with a heater, the heater will need to be moved to gain access to the block. One post is ground, one is constant power, and one is switched ACC power.

Polaris

Most Polaris UTVs have a 3-post distribution block mounted under the hood on the firewall. One post is ground, one is constant power, and one is switched ACC power. Keep in mind that some models do not come from the factory with a constant power and ground supply at the distribution block, only ACC power.

Honda

Talon: Most Talons come with an unused blue ACC plug under the hood. It will be strapped to the support bar directly in front of the steering wheel.

Pioneer: Honda recommends borrowing power from the stock fuse box. An accessory power wire can be spliced into one of the two white/black wires coming off the back of the 15A ACC fuse.

Yamaha

YXZ/Viking: The easiest place to tap into switched ACC power is at the back of the accessory (cigarette lighter) plug.

Wolverine: Older models have a single white accessory plug under the plastic hood, close to the center of the dash cross-member. Newer X2/X4 models have several white accessory plugs behind the dash, just to the right of the steering column.

Kawasaki

Teryx: The easiest place to tap into switched ACC power is at the back of the accessory (cigarette lighter) plug.

Mule: ACC power can be found in two places on most Mule models. Under the front hood, in the center of the firewall is a hole. There will be two wires (black/yellow, brown/white) inside that hole. The brown/white wire is power and the black/yellow wire is ground. There will also be two wires (black/yellow, brown/white) in the back, under the bed, along the passenger side frame rail. Again, the brown/white wire is power and the black/yellow wire is ground.

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