

# 29234 Adapter Kit

## Installation Instructions

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### PLUG-IN HARNESS INSTALLATION

Follow the Isolation Module Installation Instructions included with the harness kit until directed to use these adapter kit instructions.

### PLUG-IN ADAPTER INSTALLATION

The following instructions include steps (#1 and #5) to be performed only on headlamps with sealed housings. For all others, these two steps should be skipped.

1. **Sealed Headlamp Housings ONLY:** Remove the driver-side outer headlamp molding, the park/turn lamp assembly, the sealed beam retainer and the sealed beam. Move the vehicle headlamp wiring and connector to one side before going to the next step.

Drill a 1" hole in the back of the headlamp housing using the 1/8" existing hole as a guide. Route the end of the plug-in adapter into the headlamp housing.

2. Connect a plug-in adapter male connector to the vehicle harness female connector removed from the headlamp. Connect the plug-in adapter female connector to the headlamp. Reinstall the sealed beam and the sealed beam retainer. Install a rubber grommet (required for sealed headlamp housings only) around the plug-in adapter and insert it into the drilled hole in the headlamp housing.

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**NOTE: Use dielectric grease on all electrical connections to prevent corrosion. Fill receptacles and lightly coat ring terminals and blades before assembly.**

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3. Route the "TURN" and "PARK" wires from the plug-in adapter under the existing park/turn grommet. Splice the "TURN" wire from the plug-in adapter into the driver-side turn signal wire following the recommended splicing procedure. Splice the "PARK" wire from the plug-in adapter

into the parking light wire following the splicing procedure. Reinstall the park/turn lamp assembly and outer headlamp molding.

4. Route the plug-in adapter along the existing vehicle wiring toward the passenger-side headlamp housing.
5. **Sealed Headlamp Housings ONLY:** Remove the passenger-side outer headlamp molding, the park/turn lamp assembly, the sealed beam retainer and the sealed beam. Move the vehicle headlamp wiring and connector to one side before going to the next step.

Drill a 1" hole in the back of the headlamp housing using the existing 1/8" hole as a guide. Route the plug-in adapter male and female connectors into the passenger-side headlamp housing.

6. Connect the second plug-in adapter to the vehicle harness and headlamp. Reinstall the sealed beam and the sealed beam retainer. Install a rubber grommet (required for sealed headlamp housings only) around the plug-in adapter and insert it into the drilled hole in the headlamp housing.
7. Route the "TURN" wire from the plug-in adapter under the existing park/turn grommet. Splice the "TURN" wire from the plug-in adapter into the passenger-side turn signal wire following the recommended splicing procedure. Reinstall the park/turn lamp assembly and outer headlamp molding.
8. Connect both plug-in adapters to the plug-in harness. Be sure to connect the driver-side adapter to the green wire leg of the plug-in harness.
9. Cable tie harness and adapters to existing wiring.

# 29234, 29235 & 48236 Adapter Kits

## Installation Instructions

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### 29234 & 29235 ADAPTER KITS

#### Plug-In Harness Installation

Follow the Isolation Module Installation Instructions included with the harness kit until directed to use these adapter kit instructions.

#### Plug-In Adapter Installation

1. Remove the driver-side outer headlamp molding, bulb retainer and bulb. Route the end of the plug-in adapter into the headlamp housing.

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**NOTE: It may be necessary to loosen or remove the headlamp bulb alignment bracket.**

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**NOTE: Use dielectric grease on all electrical connections to prevent corrosion. Fill receptacles and lightly coat ring terminals and blades before assembly.**

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2. Connect a plug-in adapter male connector to the vehicle harness female connector removed from the headlamp (for vehicles with HB-5 headlamps, use HB-5 side of connector). Connect the plug-in adapter female connector to the headlamp.
3. Splice the "TURN" wire from the plug-in adapter harness into the driver-side turn signal wire following the recommended splicing procedure. Splice the "PARK" wire from the plug-in adapter into the parking light wire following the splicing procedure. Reinstall the bulb, bulb retainer and the outer headlamp molding.
4. Route the plug-in adapter along the existing vehicle wiring toward the passenger-side headlamp housing.
5. Remove the passenger-side outer headlamp molding, bulb retainer and bulb. Route the second plug-in adapter male and female connectors into the headlamp housing.
6. Connect the plug-in adapter to the vehicle harness (for vehicles with HB-5 headlamps, use HB-5 side

of connector) and headlamp. Reinstall the bulb, bulb retainer, and the outer headlamp molding.

7. Splice the "TURN" wire from the plug-in adapter into the passenger-side turn signal wire following the recommended splicing procedure.
8. Connect both plug-in adapters to the plug-in harness. Be sure to connect the driver-side adapter to the green wire leg of the plug-in harness.
9. Cable tie harness and adapters to existing wiring.

### 48236 ADAPTER KIT

#### Plug-In Harness Installation

Follow the Isolation Module Installation Instructions included with the harness kit until connecting to the vehicle lighting connectors.

#### Plug-In Adapter Installation

1. Disconnect the vehicle driver-side male and female front lighting connector.

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**NOTE: Use dielectric grease on all electrical connections to prevent corrosion. Fill receptacles and lightly coat ring terminals and blades before assembly.**

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2. Connect the plug-in adapter black male and female connectors to the plug-in harness male and female connectors.
3. Connect the plug-in adapter gray male and female connectors to the vehicle male and female vehicle lighting connectors.
4. Repeat on the passenger's side.
5. After completely checking all vehicle and plow lighting functions, secure harnesses with cable ties away from any sharp edges and hot or moving parts.

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