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# SERVICE BULLETIN

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Classification: EL14-030	Reference: NTB14-062	Date: July 2, 2014
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## 2009 – 2014 TITAN; INSTALLATION OF WIRING FOR AN ACCESSORY ENGINE COOLING FAN

**APPLIED VEHICLES:** 2009 – 2014 Titan (A60)

### SERVICE INFORMATION

If a customer requests to have an accessory engine cooling fan installed on their vehicle, follow the Service Tips contained in this bulletin, starting on page 2.

**NOTE:** Nissan OEM motor driven cooling fan (P/N 21060-ZQ50A) can be used in conjunction with an aftermarket accessory wiring kit.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## SERVICE TIPS

### Main Power Supply

- It is recommended that the main power supply be obtained directly at the battery.
- It is recommended that the fuse for the main power supply be located near the battery.
- Do not splice wires.
- Make sure all fasteners are secured properly.



Figure 1

### Circuit Grounds

- Use existing frame grounds.
- Do not splice wires.
- Make sure all connections are secured properly.
- Make sure wiring is properly insulated and protected.



Figure 2

## Relay Control

- Make sure the operation of the relay is controlled by the ON/OFF condition of the ignition switch.

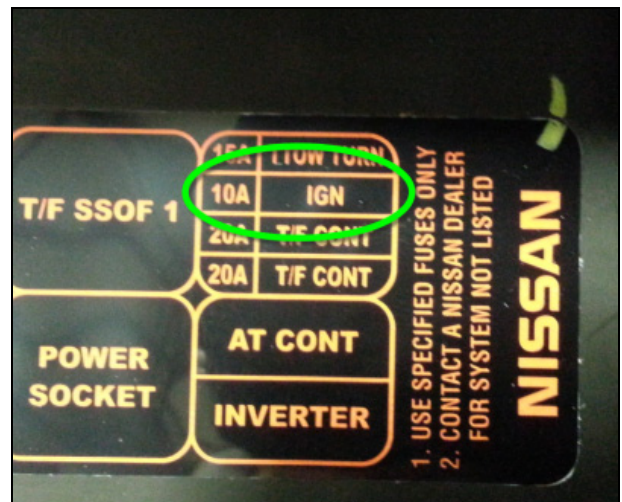


Figure 3

## Relay Mounting

- Recommended mounting location of the relay is behind a headlight or in the battery area.
- Avoid mounting the relay in front of the radiator or other areas that could result in water intrusion.
- Consider environmental exposure when choosing component mounting locations.
- Use insulated plugs that will seal the area.



Figure 4

## Direction of Fan Air Flow

- Make sure the fan air flow is pushing into the engine area.

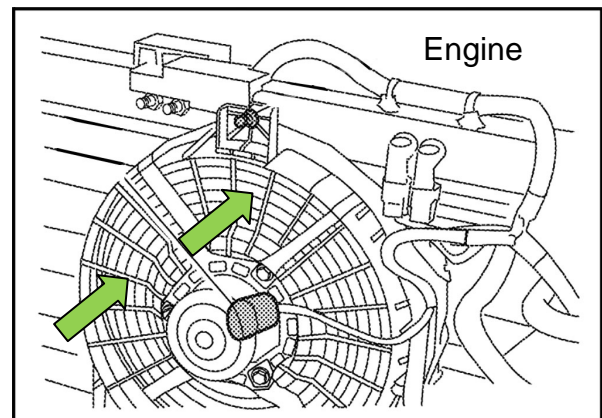


Figure 5

## Placement of the Thermistor

- Before installing the thermistor, make sure it will fit (pass easily through the radiator core) without causing damage.
- Make sure the thermistor is placed close to the upper radiator hose and is pushed through the radiator.

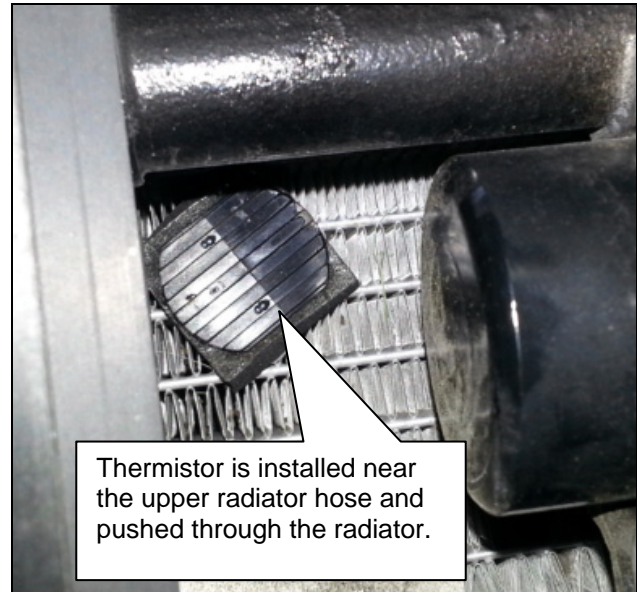


Figure 6

## General Recommendations

- Make sure wiring is properly insulated and protected.
  - Avoid routing wires and harness near high heat components or near sharp edges.
  - Use wire protection covering (corrugated harness covers).
  - Be careful not to screw or drill into existing wiring or other unseen parts.
  - Do not splice wires.
  - Make sure all fasteners are secured properly.
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