

# Resetting



# Dashboard Emission Lights

Service reminder lights can be both a blessing and a curse. If a reminder light gets the customer's attention and gets him back into your bay, it's a blessing. You get a chance to sell some needed service and a chance to look the car over for other work.

But if you perform the required maintenance and you can't turn out the reminder light, you're cursed. Leaving the light on probably won't bolster your customer's confidence in you!

Some reminder light reset procedures involve considerably more work than others do. Be sure you alert the customer and document this labor on the work order!

Here are the procedures for turning off service reminder lights on Japanese vehicles. In a future issue of *Import Service*, we'll cover these procedures for European cars.

—By Dan Marinucci



Photo 1



Photo 1a

## HONDA

Some Accords have oil change reminder flags that appear below the odometer. To reset the flags, simply slide the ignition key into each slot below the speedometer (Photo 1 and 1a). Push the key in until the reminder flag turns from red back to green.

## ISUZU

On the 1988 Isuzu Troopers and pickups, a reminder light comes on at 90,000 miles. This light reminds you to change the vehicle's oxygen sensor. To turn off the reminder light on the Trooper, remove the speedometer. Then slide the reset switch (Figure 2) on the back of the speedometer to the opposite end of its slot.

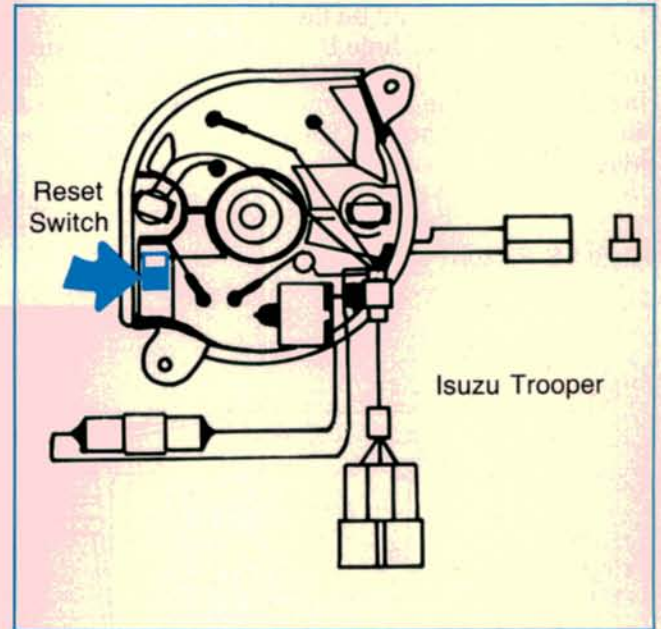
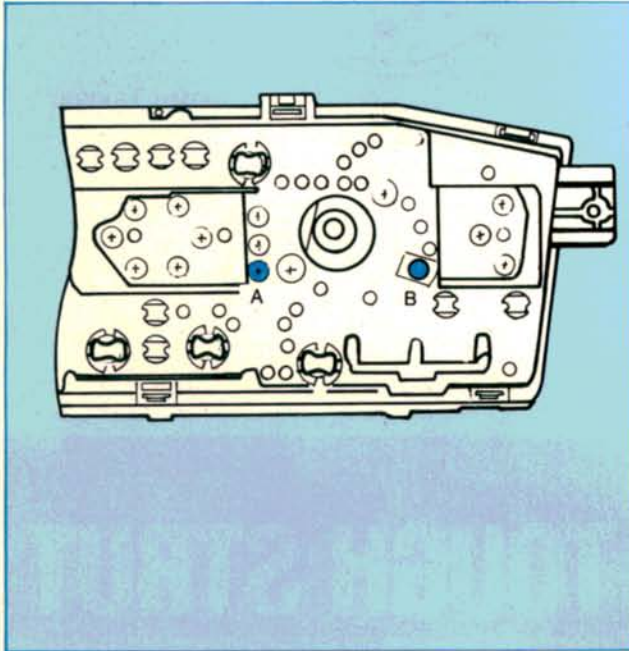


Figure 2

To turn off the light on the Isuzu pickup, you have to locate hole A and hole B on the back of the instrument cluster (see Figures 3 and 4). Remove the masking tape from hole B. Remove the screw from hole A and thread it into hole B. Then put masking tape over hole A.

Isuzu LS Pickup



Isuzu Base Pickup

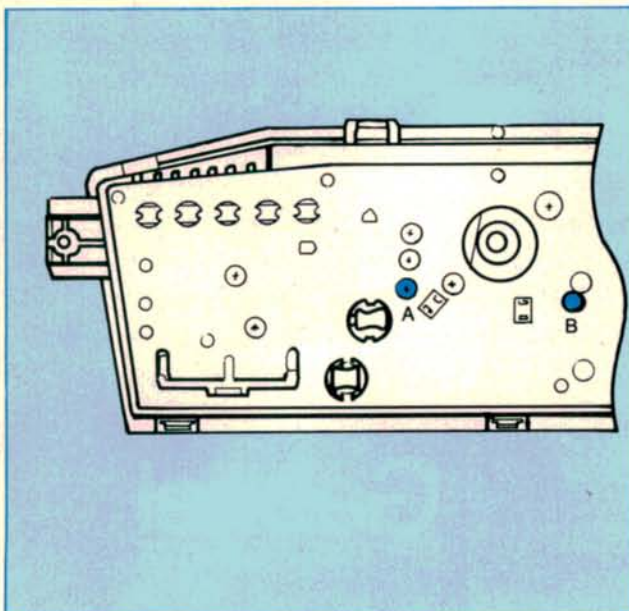


Figure 4

## MAZDA

On some B2000 pickups, a reminder light comes on at 60,000 miles to remind you to inspect the EGR system. Above the left kick panel, locate the single-terminal green wire that's connected to a single-terminal black wire. To turn out the light, disconnect black from green.

## MITSUBISHI

Although Mitsubishi cars don't have service reminder lights, the trucks, van/wagons, and multi-purpose vehicles do.

The reminder lights all come on at 50,000 miles. On trucks and Monteros, the light is a reminder to inspect the EGR system. On van/wagon models, the light is a reminder to replace the oxygen sensor. To turn off the light, simply slide the reset switch to the opposite end of its slot.

All Mitsubishi reminder light reset switches are

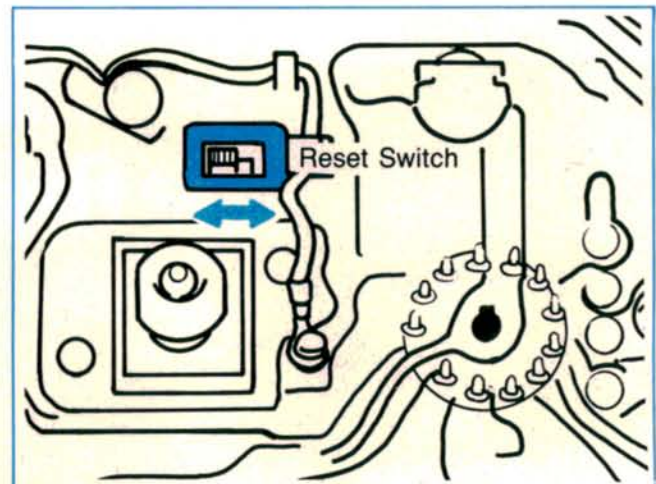


Figure 5

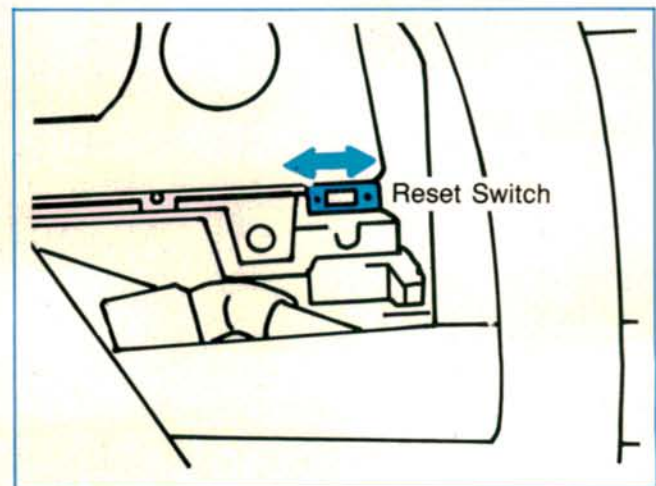


Figure 6

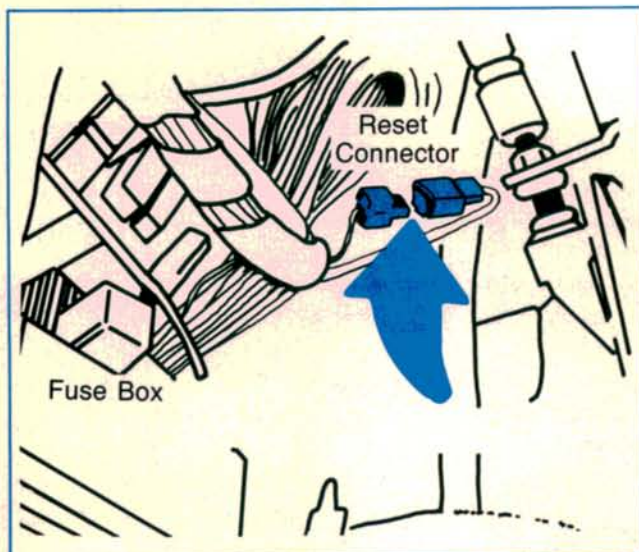
located on the instrument clusters as follows:

- 1985-86 trucks—on the rear of the combination meter (similar to Figure 5);
- 1987-88 trucks—on the front of the combination meter (Figure 6);
- 1985-88 Monteros—on the rear of the combination meter (similar to Figure 5);
- 1987-88 van/wagons—on the rear of the combination meter (Figure 5).

## NISSAN

Nissan has a warning light that reminds you to check the oxygen sensor. On some Nissans, you turn out the reminder light by disconnecting one single-terminal wire from another. The plastic connectors for these wires are often—but not always—taped or tied to another wiring harness. Two examples of these are shown in Figure 7 (Sentra) and Figure 8 (Stanza).

Other Nissans use a reset relay such as the one shown in Photo 9. If the relay has a reset button on it, just press the button. If it doesn't have a button on



**Figure 7**

it, look for an access hole covered with tape. Remove the tape. Carefully slide a straightened paper clip or a thin screwdriver into the access hole. Gently push the paper clip or screwdriver in to reset the relay.

Note that on the typical reset relay-equipped Nissans, you have to disconnect a wiring connector at the 90,000-mile interval to turn out the light.

If you think you're dealing with an oddball car because you can't find the reset relay or connector, remember that:

- Reset procedures are covered in the Engine Maintenance chapter of Nissan manuals.
- If you locate the connector on the wiring diagram, note the circled number next to it on the diagram. Then look for that number in the back of the electrical chapter where harness layouts are shown.

## NISSAN

Vehicle	Reset Technique/ Location
<b>200 SX</b>	
<b>1980-84</b>	Disconnect green wire from green/white wire under extreme right side of dash.
<b>1985-87</b>	Relay under center of dash behind console; at 90,000 miles, disconnect pink wire from purple wire behind fuse box.
<b>280 ZX</b>	
<b>1982-83</b>	Disconnect connector with green/yellow wire under right side of dash.
<b>300 ZX</b>	
<b>1984-85</b>	Disconnect the white connector above hood release handle.
<b>1986</b>	Relay behind/above glove box; at 90,000 miles, disconnect white connector with gray/red and gray/blue wires above hood release handle.
<b>1987</b>	Digital dashboard car—relay above hood release; 90,000 miles, disconnect white connector with gray/red and gray/blue wires under left side of dash. Analog dashboard car—disconnect connectors behind glove box; disconnect white wire at 30,000 miles, white/blue at 60,000 miles, and white/red at 90,000 miles.
<b>Maxima</b>	
<b>1980-84</b>	Disconnect harness connector behind extreme left side of dash.

<b>Vehicle</b>	<b>Reset Technique/ Location</b>	<b>Vehicle</b>	<b>Reset Technique/ Location</b>
<b>1985</b>	Disconnect green/red wire from green/white wire near hood release.	<b>Stanza Wagon</b>	
<b>1986-87</b>	Relay in left kick panel; at 90,000 miles, disconnect green/red wire from green/white wire near hood release.	<b>1986-87</b>	Relay under passenger seat; at 90,000 miles, disconnect red wire from yellow wire or red wire from red/blue wire behind instrument panel.
<b>Sentra</b>		<b>Pickup</b>	
<b>1982-83</b>	Disconnect green wire from yellow wire or green wire from green/black wire above fuse box.	<b>1983-84</b>	Disconnect connector with yellow/white wire near hood release.
<b>1984</b>	Disconnect light green/black wire from light green wire near hood release.	<b>1985</b>	California—disconnect connector with yellow/white wire above hood release.  49 States—at 50,000 miles, disconnect connector with yellow/white wire above hood release; at 100,000 miles, disconnect connector with yellow/black wire above hood release.
<b>1985</b>	Disconnect connector with light green/black wire above fuse box.	<b>1986</b>	California—relay in right kick panel; at 90,000 miles disconnect connector with yellow/white wire above hood release.  49 States—same as 1985.
<b>1986</b>	Relay in right kick panel; at 90,000 miles, disconnect connector with light green/black wire near hood release.	<b>Pulsar</b>	
<b>1987</b>	Relay in right kick panel; at 90,000 miles, disconnect red/blue wire from red/black wire above fuse box.	<b>1983-85</b>	Disconnect light green/black wire from light green wire above fuse box.
<b>Stanza</b>		<b>1986</b>	Relay in right kick panel; at 90,000 miles, disconnect connector with light green/black wire under left side of dash.
<b>1984-85</b>	Disconnect yellow wire from yellow/green wire behind control unit inside left kick panel.	<b>1987</b>	Relay in left kick panel; at 90,000 miles, disconnect connector with red/black wire and red/blue wire above the fuse box.
<b>1986</b>	Relay in right kick panel; at 90,000 miles, disconnect white connector inside left kick panel.		
<b>1987</b>	Relay in right kick panel; at 90,000 miles, disconnect connector with green/brown wire above fuse box.		

- When a wire has a tracer stripe on it, the base color of the wire is always listed first. The tracer color is listed second.

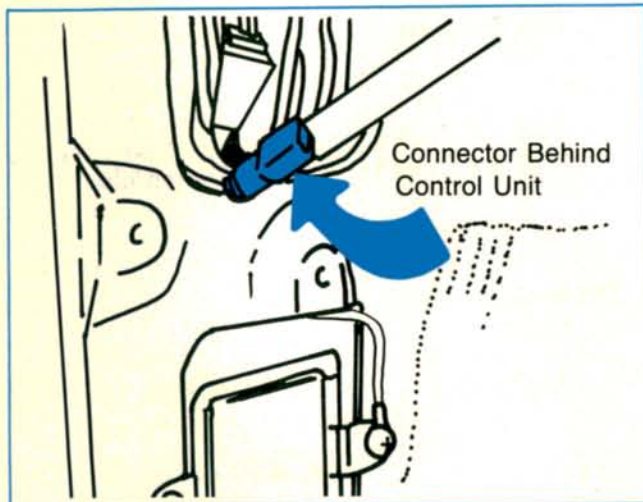


Figure 8

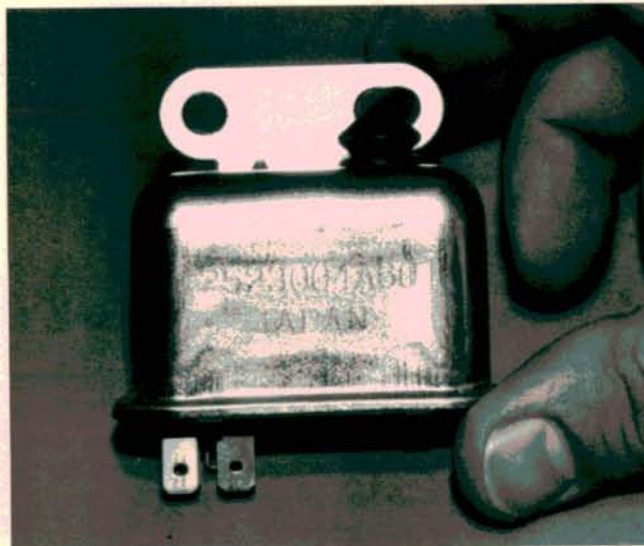


Photo 9

- A reset wiring connector has a single-terminal wire plugged into the connector of another single-terminal wire. When in doubt, turn off the ignition and unplug such a connector. Be sure neither wire terminal will touch metal. Then start the engine and see if the reminder light goes out.
- Reset relays are used on most 1985-1987 Nissans. The kick panels are the most popular relay locations.

## SUBARU

All 1981-87 Subarus are equipped with EGR service reminder lights. All 1985-87 Subarus have EGR service reminder lights except turbocharged California models.

To turn off the light, remove the lower cover from

under the left side of the dashboard (Figure 10). Behind the fuse box, locate the single-pin blue connector that's connected to another single-pin blue connector. Near them is a green single-pin connector that isn't connected to anything. Separate the blue connectors and connect one of them to the green one.

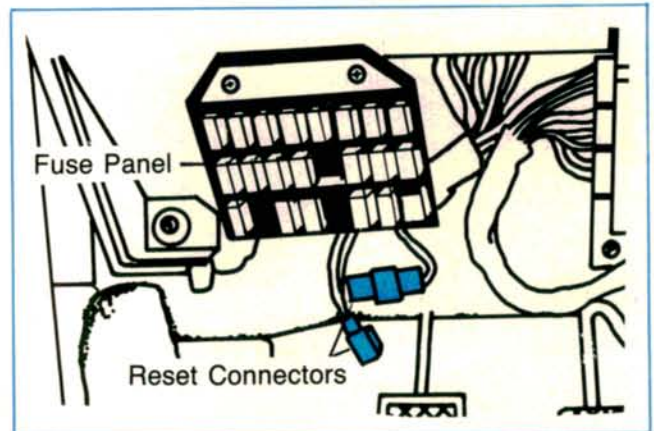


Figure 10



Photo 11

## TOYOTA

Some Toyotas have EGR service reminder lights. To turn off such a light, locate the reset switch (Photo 11) and slide the switch to the opposite end of its travel.

On 1980-81 Corollas, Coronas, Celicas, and Cressidas, the switch is located inside or just above the left kick panel.

On 1980-81 Supras, the switch is inside a small service panel under the left side of the dash.

On 1980-81 trucks, the switch is under the dash near the steering column.

On 1980 Land Cruisers, the switch is under the hood.