

## 1998 MY for Shift Solenoid "D" Control Circuit (Shift Solenoid Valve S4) Monitor (P0768)

To return to monitor description, see page [Cm-368](#).

### MONITOR STRATEGY

|                             |                   |                           |
|-----------------------------|-------------------|---------------------------|
| Required sensors/Components | Main              | Shift solenoid valve No.4 |
|                             | Sub               | None                      |
| Frequency of operation      | Continuous        |                           |
| Duration                    | Less than 10 sec. |                           |
| MIL operation               | Immediate         |                           |
| Sequence of operation       | None              |                           |

### TYPICAL ENABLING CONDITIONS

| Item                                                              |                               | Specification                  |         |
|-------------------------------------------------------------------|-------------------------------|--------------------------------|---------|
|                                                                   |                               | Minimum                        | Maximum |
| The monitor will run whenever the following DTCs are not present. |                               | See page <a href="#">In-39</a> |         |
| Engine family                                                     | Item                          | Specification                  |         |
|                                                                   |                               | Minimum                        | Maximum |
| All models                                                        | Range check (Low resistance)  |                                |         |
|                                                                   | Solenoid                      | ON                             |         |
|                                                                   | Range check (High resistance) |                                |         |
|                                                                   | Solenoid                      | OFF                            |         |

### TYPICAL MALFUNCTION THRESHOLDS

|            |                                      |                        |
|------------|--------------------------------------|------------------------|
| All models | <b>Range check (Low resistance)</b>  |                        |
|            | Solenoid resistance                  | 8 $\Omega$ or less     |
|            | <b>Range check (High resistance)</b> |                        |
|            | Solenoid resistance                  | 100 k $\Omega$ or more |