

## 1997 MY for Output Speed Sensor Monitor (P1700)

To return to monitor description, see page [Ct-76](#).

### MONITOR STRATEGY

|                             |                   |                     |
|-----------------------------|-------------------|---------------------|
| Required sensors/Components | Main              | Output speed sensor |
|                             | Sub               | None                |
| Frequency of operation      | Continuous        |                     |
| Duration                    | Less than 10 sec. |                     |
| MIL operation               | 2 driving cycles  |                     |
| 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                                                                                 | PNP switch           | OFF                            |         |
| 3S-FE                                                                                      | Vehicle speed sensor | 18 km/h (11 mph) or more       | –       |
| 5E-FE (PASEO), 2JZ-GE, 2JZ-GTE, 1UZ-FE, 2TZ-FZE, 3RZ-FE, 1FZ-FE, 5VZ-FE (Except 50 States) | Vehicle speed sensor | 9 km/h (6 mph) or more         | –       |
| 5VZ-FE (50 States)                                                                         | Engine speed         | 2,000 rpm or more              | –       |

### TYPICAL MALFUNCTION THRESHOLDS

| Engine family | Detection criteria | Threshold      |
|---------------|--------------------|----------------|
| All models    | Sensor signal      | No pulse input |