

## 2003 MY for Output Speed Sensor Monitor (P0722)

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                    | 500 output shaft revolution                         |                     |
| MIL operation               | 2UZ-FE (GX470, LAND CRUISER, LX470, 4RUNNER)        | Immediate           |
|                             | Except 2UZ-FE (GX470, LAND CRUISER, LX470, 4RUNNER) | 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                                           | Vehicle speed range               | 9 km/h (6 mph) or more | –       |
|                                                      | Time with the following condition | More than 4 sec.       | –       |
|                                                      | PNP switch                        | OFF                    |         |
| All models (Except 1GR-FE, 2RZ-FE, 2UZ-FE (4RUNNER)) | Transfer neutral switch           | OFF                    |         |

### TYPICAL MALFUNCTION THRESHOLDS

| Engine family | Detection criteria                                       | Threshold           |
|---------------|----------------------------------------------------------|---------------------|
| All models    | No pulse input during 4 vehicle speed sensor pulse input | More than 500 times |