



## Error codes:

| DTC No.: | Detected failure condition:         | Current/Past: |
|----------|-------------------------------------|---------------|
| P0351    | Ignition coil A circuit malfunction | Past          |
| P0352    | Ignition coil B circuit malfunction | Past          |
| P0353    | Ignition coil C circuit malfunction | Past          |
| P0354    | Ignition coil D circuit malfunction | Past          |

## Show data when trouble:

### Ignition coil A circuit malfunction

| Fault 1#                         | Pre-detect | Detect point | Post-detect | Fix point | Cycle min | Cycle max | Unit |
|----------------------------------|------------|--------------|-------------|-----------|-----------|-----------|------|
| Engine speed                     | 10974      | 10951        | 10982       | 10911     | 0         | 12095     | rpm  |
| Throttle position                | 27.94      | 27.94        | 27.94       | 27.94     | 27.45     | 109.8     | °    |
| Manifold absolute pressure 1     | 22         | 21           | 22          | 22        | 21        | 100       | kPa  |
| Engine coolant / oil temperature | 70         | 70           | 70          | 70        | 64        | 99        | °C   |
| Gear position                    | 5          | 5            | 5           | 5         | 0         | 6         | ---  |
| Secondary throttle position      | 94         | 94           | 94          | 94        | 10        | 100       | %    |

### Ignition coil B circuit malfunction

| Fault 2#                         | Pre-detect | Detect point | Post-detect | Fix point | Cycle min | Cycle max | Unit |
|----------------------------------|------------|--------------|-------------|-----------|-----------|-----------|------|
| Engine speed                     | 10793      | 10747        | 10694       | 10626     | 12095     | 0         | rpm  |
| Throttle position                | 27.94      | 27.94        | 27.94       | 27.94     | 109.8     | 27.45     | °    |
| Manifold absolute pressure 1     | 22         | 23           | 23          | 23        | 100       | 21        | kPa  |
| Engine coolant / oil temperature | 70         | 70           | 70          | 70        | 99        | 64        | °C   |
| Gear position                    | 5          | 5            | 5           | 5         | 6         | 0         | ---  |
| Secondary throttle position      | 94         | 94           | 94          | 94        | 100       | 10        | %    |

## Actual sensor data:

|                                |       |      |                                |       |       |                             |        |
|--------------------------------|-------|------|--------------------------------|-------|-------|-----------------------------|--------|
| Engine speed                   | 0     | rpm  | Target idle speed              | ---   | rpm   | Driving mode selection 1    | ---    |
| Throttle position              | 27.94 | °    | Steering damper solenoid cu... | ---   | A     | Driving mode selection 2    | ---    |
| Secondary throttle position    | 93    | %    | Cylinder 1 injection time      | 0.000 | ms    | Ignition switch signal      | Normal |
| Engine coolant / oil temper... | 20    | °C   | Cylinder 2 injection time      | 0.000 | ms    | Clutch switch signal        | Off    |
| Intake air temperature         | 21    | °C   | Cylinder 3 injection time      | 0.000 | ms    | Starter signal              | Off    |
| Manifold absolute pressure ... | 97    | kPa  | Cylinder 4 injection time      | 0.000 | ms    | EVAP purge valve            | ---    |
| Manifold absolute pressure ... | ---   | kPa  | Advance                        | 7     | °     | Tip over sensor             | Off    |
| Atmospheric pressure           | 97    | kPa  | ISC valve position             | ---   | steps | Cooling fan relay           | Off    |
| Battery voltage                | 0.00  | V    | Gear position                  | 0     |       | PAIR control solenoid valve | Off    |
| Vehicle speed                  | ---   | Km/h | ISC duty                       | ---   |       | Side stand switch           | ---    |
| Exhaust control valve actua... | 100   | %    | Exhaust valve control selec... | Open  |       | Load cut off relay          | ---    |
| O2 sensor Bank 1 - Sensor 1    | 0.000 | V    | O2 sensor control select te... | Open  |       | Shift switch signal         | ---    |
| O2 sensor Bank 2 - Sensor 2    | ---   | V    | Neutral switch signal          | GND   |       | Engine speed limiter signal | ---    |