

LIST OF DIAGNOSTIC TROUBLE CODE

ABS

12. List of Diagnostic Trouble Code S006511

A: LIST S006511A12

1. WITHOUT SUBARU SELECT MONITOR S006511A1201

| Trouble code | Contents of diagnosis | | Index No. |
|--------------|--|------------------------|---|
| 11 | Start code • Trouble code is shown after start code. • Only start code is shown in normal condition. | | — |
| 21 | Abnormal ABS sensor (Open circuit or input voltage too high) | Front right ABS sensor | <Ref. to ABS-34 TROUBLE CODE 21 — ABNORMAL ABS SENSOR (OPEN CIRCUIT OR INPUT VOLTAGE TOO HIGH) (FRONT RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 23 | | Front left ABS sensor | <Ref. to ABS-34 TROUBLE CODE 23 — ABNORMAL ABS SENSOR (OPEN CIRCUIT OR INPUT VOLTAGE TOO HIGH) (FRONT LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 25 | | Rear right ABS sensor | <Ref. to ABS-34 TROUBLE CODE 25 — ABNORMAL ABS SENSOR (OPEN CIRCUIT OR INPUT VOLTAGE TOO HIGH) (REAR RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 27 | | Rear left ABS sensor | <Ref. to ABS-34 TROUBLE CODE 27 — ABNORMAL ABS SENSOR (OPEN CIRCUIT OR INPUT VOLTAGE TOO HIGH) (REAR LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 22 | Abnormal ABS sensor (Abnormal ABS sensor signal) | Front right ABS sensor | <Ref. to ABS-40 TROUBLE CODE 22 — ABNORMAL ABS SENSOR (FRONT RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 24 | | Front left ABS sensor | <Ref. to ABS-40 TROUBLE CODE 24 — ABNORMAL ABS SENSOR (FRONT LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 26 | | Rear right ABS sensor | <Ref. to ABS-40 TROUBLE CODE 26 — ABNORMAL ABS SENSOR (REAR RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 28 | | Rear left ABS sensor | <Ref. to ABS-40 TROUBLE CODE 28 — ABNORMAL ABS SENSOR (REAR LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 29 | | Any one of four | <Ref. to ABS-44 TROUBLE CODE 29 — ABNORMAL ABS SENSOR SIGNAL (ANY ONE OF FOUR) —, Diagnostics Chart with Diagnosis Connector.> |

LIST OF DIAGNOSTIC TROUBLE CODE

ABS

| Trouble code | Contents of diagnosis | Index No. |
|--------------|---|---|
| 31 | Abnormal solenoid valve circuit(s) in ABS control module and hydraulic unit | <Ref. to ABS-48 TROUBLE CODE 31 — ABNORMAL INLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (FRONT RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 32 | | <Ref. to ABS-52 TROUBLE CODE 32 — ABNORMAL OUTLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (FRONT RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 33 | | <Ref. to ABS-48 TROUBLE CODE 33 — ABNORMAL INLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (FRONT LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 34 | | <Ref. to ABS-52 TROUBLE CODE 34 — ABNORMAL OUTLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (FRONT LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 35 | | <Ref. to ABS-48 TROUBLE CODE 35 — ABNORMAL INLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (REAR RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 36 | | <Ref. to ABS-52 TROUBLE CODE 36 — ABNORMAL OUTLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (REAR RH) —, Diagnostics Chart with Diagnosis Connector.> |
| 37 | | <Ref. to ABS-48 TROUBLE CODE 37 — ABNORMAL INLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (REAR LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 38 | | <Ref. to ABS-52 TROUBLE CODE 38 — ABNORMAL OUTLET SOLENOID VALVE CIRCUIT(S) IN ABSCM&H/U (REAR LH) —, Diagnostics Chart with Diagnosis Connector.> |
| 41 | Abnormal ABS control module | <Ref. to ABS-56 TROUBLE CODE 41 — ABNORMAL ABS CONTROL MODULE —, Diagnostics Chart with Diagnosis Connector.> |
| 42 | Source voltage is abnormal. | <Ref. to ABS-58 TROUBLE CODE 42 — SOURCE VOLTAGE IS ABNORMAL. —, Diagnostics Chart with Diagnosis Connector.> |
| 44 | A combination of AT control abnormal | <Ref. to ABS-60 TROUBLE CODE 44 — A COMBINATION OF AT CONTROL ABNORMAL —, Diagnostics Chart with Diagnosis Connector.> |
| 51 | Abnormal valve relay | <Ref. to ABS-64 TROUBLE CODE 51 — ABNORMAL VALVE RELAY —, Diagnostics Chart with Diagnosis Connector.> |
| 52 | Abnormal motor and/or motor relay | <Ref. to ABS-66 TROUBLE CODE 52 — ABNORMAL MOTOR AND/OR MOTOR RELAY —, Diagnostics Chart with Diagnosis Connector.> |
| 54 | Abnormal stop light switch | <Ref. to ABS-68 TROUBLE CODE 54 — ABNORMAL STOP LIGHT SWITCH —, Diagnostics Chart with Diagnosis Connector.> |
| 56 | Abnormal G sensor output voltage | <Ref. to ABS-70 TROUBLE CODE 56 — ABNORMAL G SENSOR OUTPUT VOLTAGE —, Diagnostics Chart with Diagnosis Connector.> |

LIST OF DIAGNOSTIC TROUBLE CODE

ABS

2. WITH SUBARU SELECT MONITOR

S006511A1202

| Code | Display screen | Contents of diagnosis | Index No. |
|------|---|---|---|
| — | Communication for initializing impossible | Select monitor communication failure | <Ref. to ABS-76 COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Diagnostics Chart with Subaru Select Monitor.> |
| — | No trouble code | Although no trouble code appears on the select monitor display, the ABS warning light remains on. | <Ref. to ABS-78 NO TROUBLE CODE, Diagnostics Chart with Subaru Select Monitor.> |
| 21 | Open or short circuit in front right ABS sensor circuit | Open or short circuit in front right ABS sensor circuit | <Ref. to ABS-80 TROUBLE CODE 21 — OPEN OR SHORT CIRCUIT IN FRONT RIGHT ABS SENSOR CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 22 | Front right ABS sensor abnormal signal | Front right ABS sensor abnormal signal | <Ref. to ABS-86 TROUBLE CODE 22 — FRONT RIGHT ABNORMAL ABS SENSOR SIGNAL —, Diagnostics Chart with Subaru Select Monitor.> |
| 23 | Open or short circuit in front left ABS sensor circuit | Open or short circuit in front left ABS sensor circuit | <Ref. to ABS-80 TROUBLE CODE 23 — OPEN OR SHORT CIRCUIT IN FRONT LEFT ABS SENSOR CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 24 | Front left ABS sensor abnormal signal | Front left ABS sensor abnormal signal | <Ref. to ABS-86 TROUBLE CODE 24 — FRONT LEFT ABNORMAL ABS SENSOR SIGNAL —, Diagnostics Chart with Subaru Select Monitor.> |
| 25 | Open or short circuit in rear right ABS sensor circuit | Open or short circuit in rear right ABS sensor circuit | <Ref. to ABS-80 TROUBLE CODE 25 — OPEN OR SHORT CIRCUIT IN REAR RIGHT ABS SENSOR CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 26 | Rear right ABS sensor abnormal signal | Rear right ABS sensor abnormal signal | <Ref. to ABS-86 TROUBLE CODE 26 — REAR RIGHT ABNORMAL ABS SENSOR SIGNAL —, Diagnostics Chart with Subaru Select Monitor.> |
| 27 | Open or short circuit in rear left ABS sensor circuit | Open or short circuit in rear left ABS sensor circuit | <Ref. to ABS-80 TROUBLE CODE 27 — OPEN OR SHORT CIRCUIT IN REAR LEFT ABS SENSOR CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 28 | Rear left ABS sensor abnormal signal | Rear left ABS sensor abnormal signal | <Ref. to ABS-86 TROUBLE CODE 28 — REAR LEFT ABNORMAL ABS SENSOR SIGNAL —, Diagnostics Chart with Subaru Select Monitor.> |
| 29 | Abnormal ABS sensor signal on any one of four sensor | Abnormal ABS sensor signal on any one of four | <Ref. to ABS-92 TROUBLE CODE 29 — ABNORMAL ABS SENSOR SIGNAL ON ANY ONE OF FOUR SENSOR —, Diagnostics Chart with Subaru Select Monitor.> |
| 31 | Front right inlet valve malfunction | Front right inlet valve malfunction | <Ref. to ABS-96 TROUBLE CODE 31 — FRONT RIGHT INLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 32 | Front right outlet valve malfunction | Front right outlet valve malfunction | <Ref. to ABS-98 TROUBLE CODE 32 — FRONT RIGHT OUTLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 33 | Front left inlet valve malfunction | Front left inlet valve malfunction | <Ref. to ABS-96 TROUBLE CODE 33 — FRONT LEFT INLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 34 | Front left outlet valve malfunction | Front left outlet valve malfunction | <Ref. to ABS-98 TROUBLE CODE 34 — FRONT LEFT OUTLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 35 | Rear right inlet valve malfunction | Rear right inlet valve malfunction | <Ref. to ABS-96 TROUBLE CODE 35 — REAR RIGHT INLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 36 | Rear right outlet valve malfunction | Rear right outlet valve malfunction | <Ref. to ABS-98 TROUBLE CODE 36 — REAR RIGHT OUTLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 37 | Rear left inlet valve malfunction | Rear left inlet valve malfunction | <Ref. to ABS-96 TROUBLE CODE 37 — REAR LEFT INLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |

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ABS

| Code | Display screen | Contents of diagnosis | Index No. |
|------|--|---|---|
| 38 | Rear left outlet valve malfunction | Rear left outlet valve malfunction | <Ref. to ABS-98 TROUBLE CODE 38 — REAR LEFT OUTLET VALVE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 41 | ABS control module malfunction | ABS control module and hydraulic control unit malfunction | <Ref. to ABS-100 TROUBLE CODE 41 — ABS CONTROL MODULE MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 42 | Power supply voltage too low | Power supply voltage too low | <Ref. to ABS-102 TROUBLE CODE 42 — POWER SUPPLY VOLTAGE TOO LOW —, Diagnostics Chart with Subaru Select Monitor.> |
| 42 | Power supply voltage too high | Power supply voltage too high | <Ref. to ABS-104 TROUBLE CODE 42 — POWER SUPPLY VOLTAGE TOO HIGH —, Diagnostics Chart with Subaru Select Monitor.> |
| 44 | ABS-AT control (Non Controlled) | ABS-AT control (Non Controlled) | <Ref. to ABS-106 TROUBLE CODE 44 — ABS-AT CONTROL (NON CONTROLLED), Diagnostics Chart with Subaru Select Monitor.> |
| 44 | ABS-AT control (Controlled) | ABS-AT control (Controlled) | <Ref. to ABS-108 TROUBLE CODE 44 — ABS-AT CONTROL (CONTROLLED), Diagnostics Chart with Subaru Select Monitor.> |
| 51 | Valve relay malfunction | Valve relay malfunction | <Ref. to ABS-110 TROUBLE CODE 51 — VALVE RELAY MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 51 | Valve relay ON failure | Valve relay ON failure | <Ref. to ABS-112 TROUBLE CODE 51 — VALVE RELAY ON FAILURE —, Diagnostics Chart with Subaru Select Monitor.> |
| 52 | Open circuit in motor relay circuit | Open circuit in motor relay circuit | <Ref. to ABS-114 TROUBLE CODE 52 - OPEN CIRCUIT IN MOTOR RELAY CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 52 | Motor relay ON failure | Motor relay ON failure | <Ref. to ABS-116 TROUBLE CODE 52 — MOTOR RELAY ON FAILURE —, Diagnostics Chart with Subaru Select Monitor.> |
| 52 | Motor malfunction | Motor malfunction | <Ref. to ABS-118 TROUBLE CODE 52 — MOTOR MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 54 | Stop light switch signal circuit malfunction | Stop light switch signal circuit malfunction | <Ref. to ABS-120 TROUBLE CODE 54 — STOP LIGHT SWITCH SIGNAL CIRCUIT MALFUNCTION —, Diagnostics Chart with Subaru Select Monitor.> |
| 56 | Open or short circuit in G sensor circuit | Open or short circuit in G sensor circuit | <Ref. to ABS-122 TROUBLE CODE 56 — OPEN OR SHORT CIRCUIT IN G SENSOR CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 56 | Battery short in G sensor circuit | Battery short in G sensor circuit | <Ref. to ABS-126 TROUBLE CODE 56 — BATTERY SHORT IN G SENSOR CIRCUIT —, Diagnostics Chart with Subaru Select Monitor.> |
| 56 | Abnormal G sensor high μ output | Abnormal G sensor high μ output | <Ref. to ABS-130 TROUBLE CODE 56 — ABNORMAL G SENSOR HIGH μ OUTPUT —, Diagnostics Chart with Subaru Select Monitor.> |
| 56 | Detection of G sensor stick | Detection of G sensor stick | <Ref. to ABS-134 TROUBLE CODE 56 — DETECTION OF G SENSOR STICK —, Diagnostics Chart with Subaru Select Monitor.> |

NOTE:

High μ means high friction coefficient against road surface.