

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### 11.Diagnostic Procedure with Diagnostic Trouble Code (DTC)

#### A: COMMUNICATION FOR INITIALIZING IMPOSSIBLE

NOTE:

- This is an inspection method for control modules using the Subaru Select Monitor communication line (K-line).
- For the control modules that read trouble code and current data using CAN communication circuit, perform diagnosis following DTCs for CAN communications.

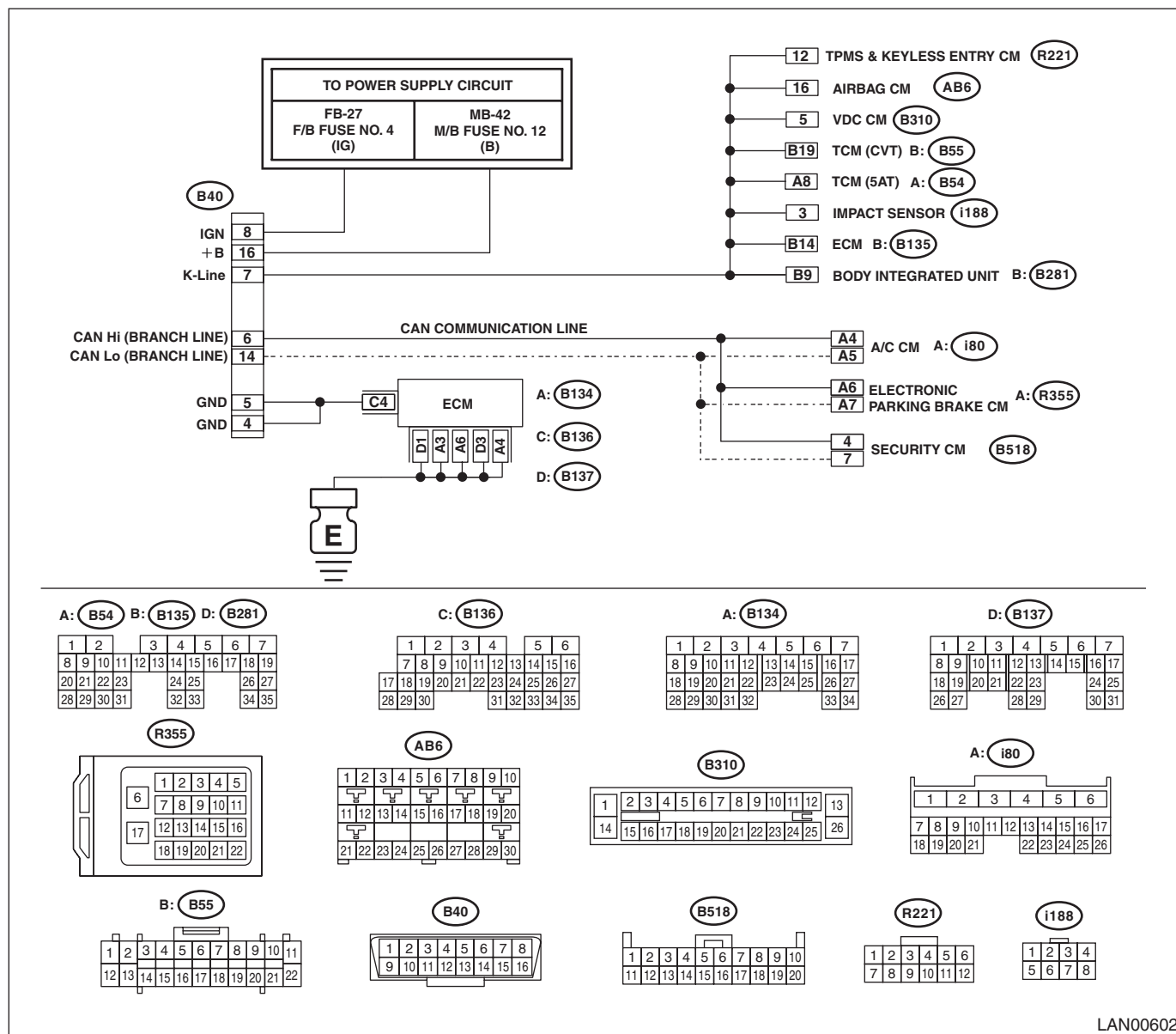
#### DIAGNOSIS:

Subaru Select Monitor communication line (K-line) is open or shorted.

#### TROUBLE SYMPTOM:

Not communicable with Subaru Select Monitor.

#### WIRING DIAGRAM:



LAN00602

| Step | Check                                                                                                                                      | Yes           | No            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 1    | <b>CHECK COMBINATION METER.</b><br>1) Connect the Subaru Select Monitor.<br>2) Start the engine.<br>3) Check display of combination meter. | Go to step 2. | Go to step 4. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Check                                    | Yes                                                     | No                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------|
| <b>2 CHECK SUBARU SELECT MONITOR.</b><br>1) Connect the Subaru Select Monitor to another vehicle.<br>2) Check communication condition between Subaru Select Monitor and vehicle.                                                                                                                                                                                                                                                                                                                                      | Is communication performed normally?     | Go to step 3.                                           | Subaru Select Monitor unit or diagnosis cable is faulty.    |
| <b>3 CHECK CAN COMMUNICATION CIRCUIT.</b><br>Check CAN communication circuit. (Refer to the inspection for CAN communication circuit.)                                                                                                                                                                                                                                                                                                                                                                                | Is the CAN communication circuit normal? | Replace the modules that did not perform communication. | Repair the CAN communication circuit.                       |
| <b>4 CHECK K-LINE.</b><br>1) Perform communication between Subaru Select Monitor and all modules.<br>2) Check continuity between the modules that did not communicate with Subaru Select Monitor.<br><b>Connector &amp; terminal</b><br>(B40) No. 7 — (AB6) No. 16:<br>(B40) No. 7 — (B310) No. 5:<br>(B40) No. 7 — (B55) No. 19 (CVT):<br>(B40) No. 7 — (B54) No. 8 (5AT):<br>(B40) No. 7 — (B135) No. 14:<br>(B40) No. 7 — (B281) No. 9:<br>(B40) No. 7 — (R221) No. 12 (TPMS):<br>(B40) No. 7 — (i188) No. 3 (OP): | Is there continuity?                     | Go to step 5.                                           | Repair or replace the open circuit.                         |
| <b>5 CHECK K-LINE.</b><br>Check continuity between K-line and chassis ground.<br><b>Connector &amp; terminal</b><br>(B40) No. 7 — Chassis ground:                                                                                                                                                                                                                                                                                                                                                                     | Is there continuity?                     | Repair or replace the short circuit portion.            | Go to step 6.                                               |
| <b>6 CHECK K-LINE.</b><br>Check voltage between K-line and chassis ground.<br><b>Connector &amp; terminal</b><br>(B40) No. 7 — Chassis ground:                                                                                                                                                                                                                                                                                                                                                                        | Is the voltage 5 V or more with IG ON?   | Repair or replace the short circuit portion.            | Go to step 7.                                               |
| <b>7 CHECK GROUND CIRCUIT.</b><br>Check continuity of ground circuit.<br><b>Connector &amp; terminal</b><br>(B40) No. 4 — Chassis ground:<br>(B40) No. 5 — Chassis ground:                                                                                                                                                                                                                                                                                                                                            | Is there continuity?                     | Go to step 9.                                           | Go to step 8.                                               |
| <b>8 CHECK HARNESS.</b><br>1) Disconnect the connector from ECM.<br>2) Check continuity between data link connector and ECM.<br><b>Connector &amp; terminal</b><br>(B40) No. 4 — (B137) No. 4:<br>(B40) No. 5 — (B137) No. 4:                                                                                                                                                                                                                                                                                         | Is there continuity?                     | Check ECM ground.                                       | Repair or replace the open circuit.                         |
| <b>9 CHECK POWER SUPPLY CIRCUIT.</b><br>Check the power supply circuit for data link connector.<br><b>Connector &amp; terminal</b><br>(B40) No. 8 (+) — Chassis ground (–):<br>(B40) No. 16 (+) — Chassis ground (–):                                                                                                                                                                                                                                                                                                 | Is the voltage 10 V or more?             | The vehicle is normal.                                  | Check the power supply circuits to the data link connector. |

## CAUTION:

When replacing body integrated unit on the model with immobilizer system, refer to the “PC application help for Subaru Select Monitor”

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### B: DTC U1201 CAN-HS COUNTER ABNORMAL

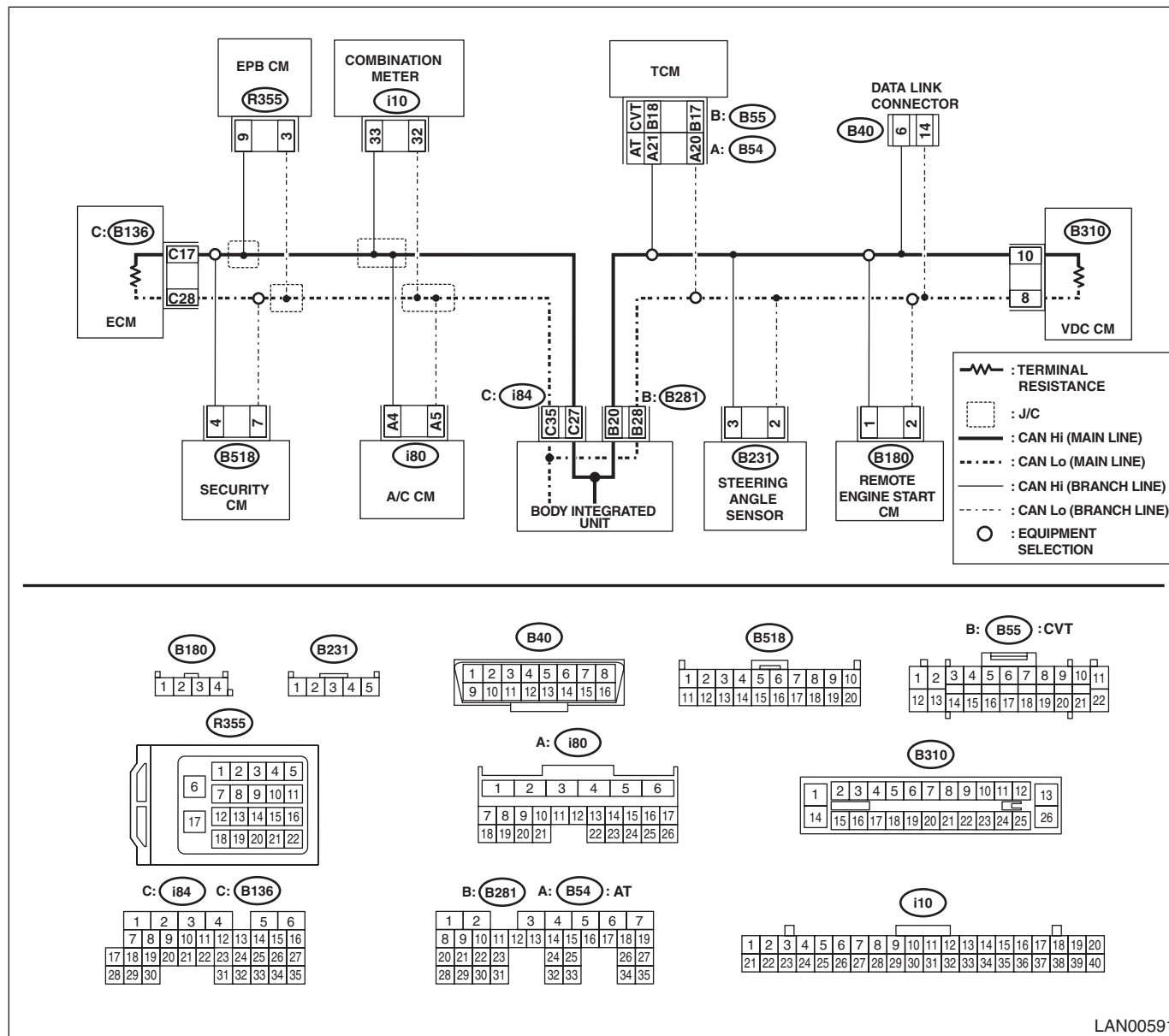
#### DTC DETECTING CONDITION:

Communication is unstable because of high speed CAN communication error.

#### TROUBLE SYMPTOM:

- Display of combination meter indicates faulty.
- Control faulty may occur due to CAN communication error.

#### WIRING DIAGRAM:



LAN00591

| Step | Check                                                                                                                                           | Yes                                                           | No            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------|
| 1    | <b>CHECK CAN COMMUNICATION CIRCUIT.</b><br>Check CAN communication circuit. <Ref. to LAN(diag)-12, PROCEDURE, CAN Communication Circuit Check.> | Repair the faulty portion, following the diagnosis procedure. | Go to step 2. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                                                                                                                                                | Check                                                                          | Yes                                                                                                                                                  | No                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>2</b><br><b>CHECK DTC.</b><br>1) Start the engine.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                                                                                                                                | Is U1202 a current malfunction?                                                | Perform the diagnosis of U1202.<br><Ref. to LAN(diag)-50, DTC U1201 CANS COUNTER ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> | Go to step 3.                                                                      |
| <b>3</b><br><b>CHECK DTC.</b><br>Check the displayed DTC.                                                                                                                                                                                                                                                                                                                                                           | Is U1201 a current malfunction?                                                | Go to step 4.                                                                                                                                        | It is possible that temporary poor communication occurs. Perform the clear memory. |
| <b>4</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to ON.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                                                                                                                  | Is U1201 a current malfunction?                                                | Go to step 5.                                                                                                                                        | It is possible that temporary poor communication occurs. Perform the clear memory. |
| <b>5</b><br><b>CHECK CONTROL MODULE.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control modules other than body integrated unit in order.<br>NOTE:<br>When disconnecting ECM or VDC CM, connect resistance of 120 $\Omega$ between CAN Hi and CAN Lo as an alternative of end resistance.<br>3) Turn the ignition switch to ON.<br>4) Using the Subaru Select Monitor, read DTC of CAN system. | Is there any control module that U1201 is not detected as current malfunction? | Replace the control module.                                                                                                                          | Repeat 1) to 4) in step 5 until U1201 is not detected.                             |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### C: DTC U1202 CAN-HS BUS OFF

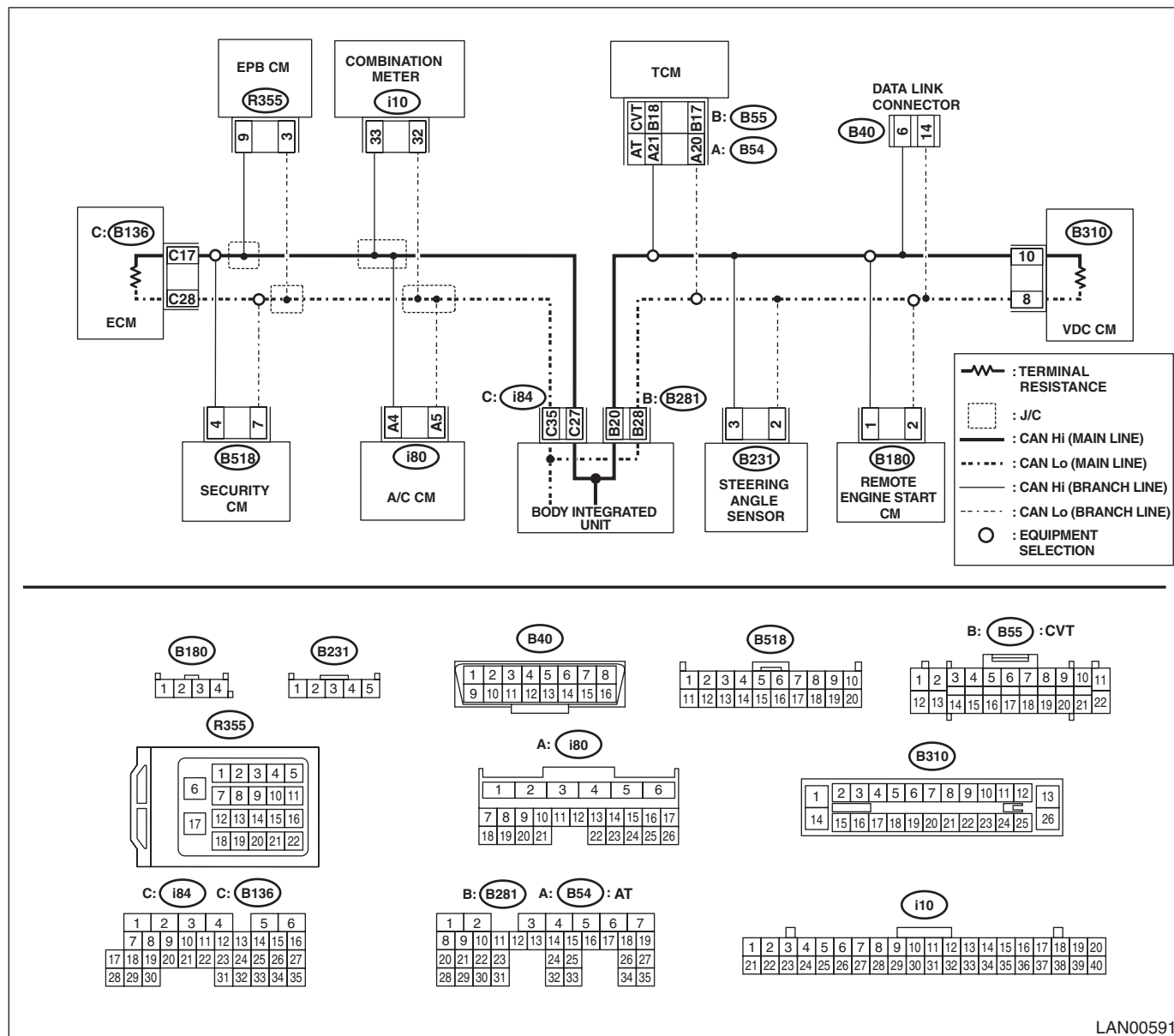
#### DTC DETECTING CONDITION:

Integrated unit communication is shut down because of high speed CAN error.

#### TROUBLE SYMPTOM:

CAN communication is not normal.

#### WIRING DIAGRAM:



LAN00591

| Step | Check                                                                                                                                           | Yes                                                           | No                                                            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 1    | <b>CHECK CAN COMMUNICATION CIRCUIT.</b><br>Check CAN communication circuit. <Ref. to LAN(diag)-12, PROCEDURE, CAN Communication Circuit Check.> | Repair the faulty portion, following the diagnosis procedure. | Go to step 2.                                                 |
| 2    | <b>CHECK DTC.</b><br>1) Start the engine.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                        | Go to step 3.                                                 | It may be a temporary poor contact. Perform the clear memory. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                                                                                                                                                | Check                                                                          | Yes                         | No                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------|
| <b>3</b><br><b>CHECK CONTROL MODULE.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control modules other than body integrated unit in order.<br>NOTE:<br>When disconnecting ECM or VDC CM, connect resistance of 120 $\Omega$ between CAN Hi and CAN Lo as an alternative of end resistance.<br>3) Turn the ignition switch to ON.<br>4) Using the Subaru Select Monitor, read DTC of CAN system. | Is there any control module that U1201 is not detected as current malfunction? | Replace the control module. | Repeat 1) to 4) in step 3 until U1202 is not detected. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### D: DTC U1211 CAN-HS ECM DATA ABNORMAL

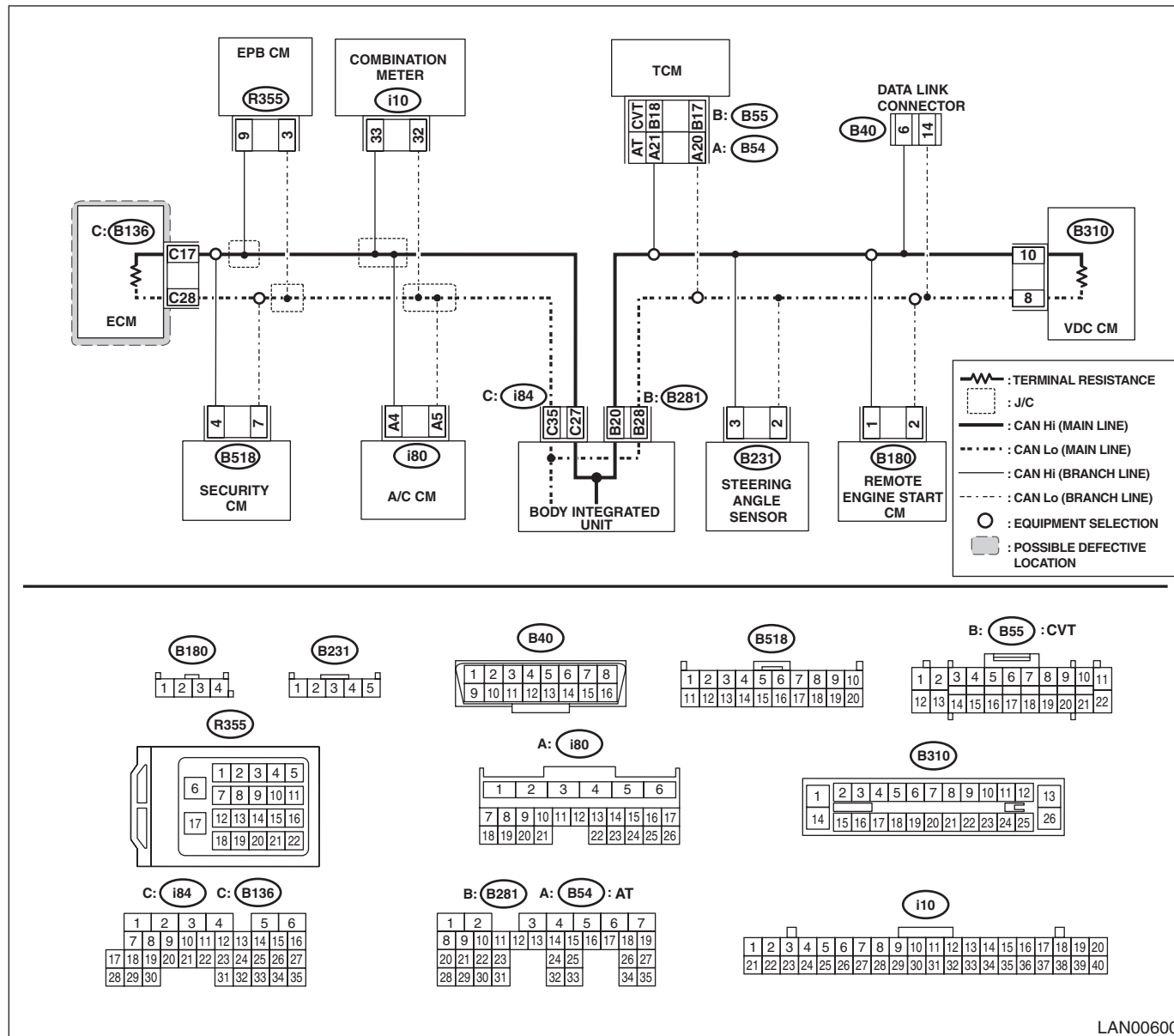
#### DTC DETECTING CONDITION:

Defective data from ECM.

#### TROUBLE SYMPTOM:

Defective data on CAN communication occurs.

#### WIRING DIAGRAM:



LAN00600

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1211 a current malfunction?     | Go to step 3.                                                      |
|      |                                                                      |                                     | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                    | Check                               | Yes                                                                              | No                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the connector from ECM.<br>3) Connect the disconnected connectors.<br>4) Using the Subaru Select Monitor, read DTC of CAN system. | Is U1211 a current malfunction?     | Replace the ECM.<br><Ref. to<br>FU(H6DO)-52,<br>Engine Control<br>Module (ECM).> | Go to step 4.                                                            |
| <b>4</b><br><b>CHECK HARNESS.</b><br>1) Shake the harness, and check for poor contact.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                   | Is U1202 a current malfunction?     | Repair the poor contact of harness, or replace the harness.                      | Go to step 5.                                                            |
| <b>5</b><br><b>CHECK CONNECTOR.</b><br>Check the connector used for high speed CAN for poor contact.                                                                                                                    | Is there poor contact of connector? | Repair the connector that has poor contact, or replace harness.                  | It is possible that temporary poor communication occurs. Delete the DTC. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### E: DTC U1212 CAN-HS TCM DATA ABNORMAL

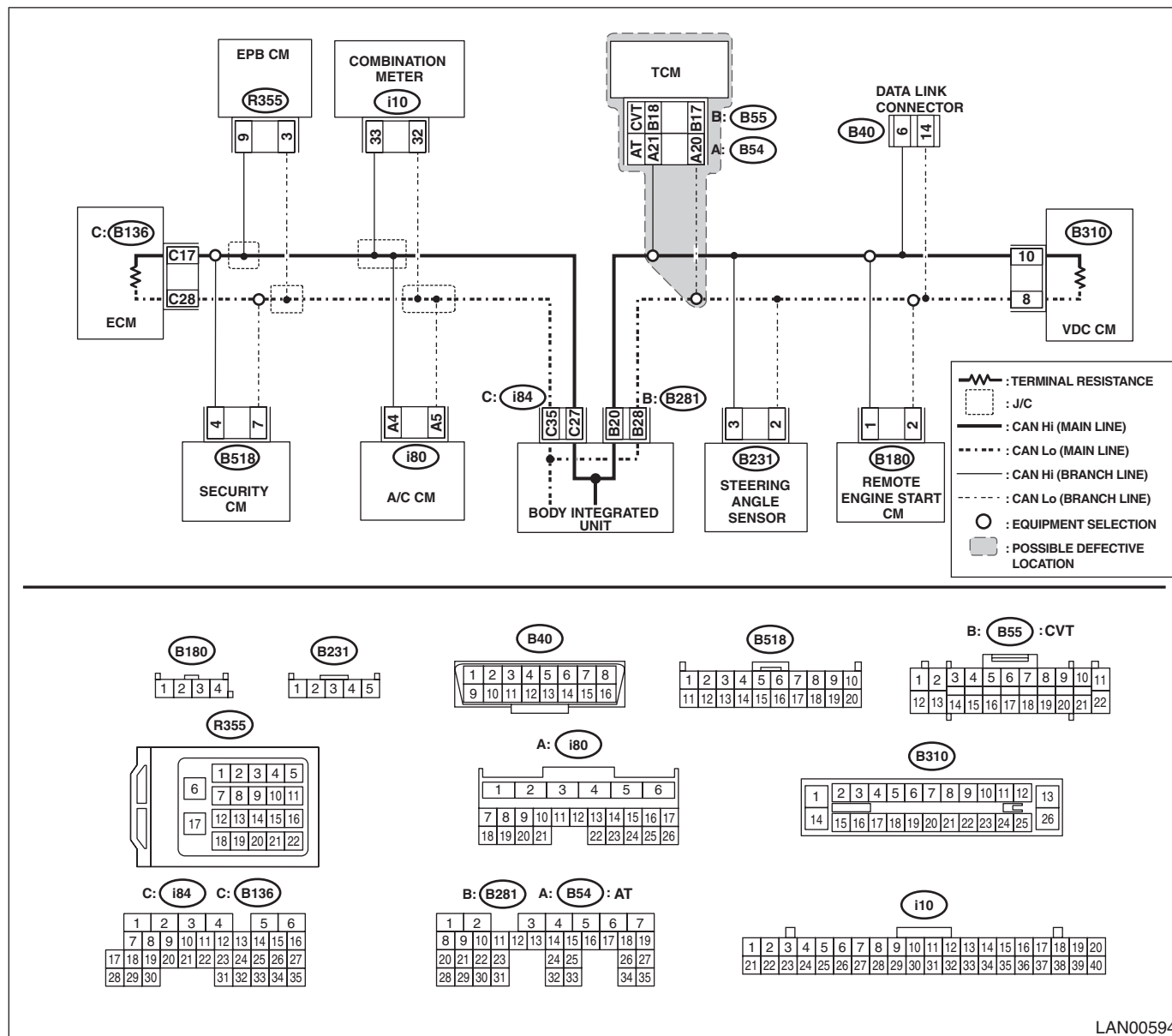
#### DTC DETECTING CONDITION:

Received error data from TCM.

#### TROUBLE SYMPTOM:

SPORT indicator light blinks.

#### WIRING DIAGRAM:



LAN00594

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1212 a current malfunction?     | Go to step 3.                                                      |
|      |                                                                      |                                     | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                               | Check                               | Yes                                                                      | No                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the TCM connector.<br>3) Connect the disconnected connectors.<br>4) Using the Subaru Select Monitor, read DTC of CAN system. | Is U1212 a current malfunction?     | Replace the TCM.<br><Ref. to 5AT-57, Transmission Control Module (TCM).> | Go to step 4.                                                                    |
| <b>4</b><br><b>CHECK HARNESS.</b><br>1) Shake the harness, and check for poor contact.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                              | Is U1212 a current malfunction?     | Repair the poor contact of harness, or replace the harness.              | Go to step 5.                                                                    |
| <b>5</b><br><b>CHECK CONNECTOR.</b><br>Check the connector used for high speed CAN for poor contact.                                                                                                               | Is there poor contact of connector? | Repair the connector that has poor contact, or replace harness.          | A temporary communication failure may be a possible cause. Clear the DTC memory. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### F: DTC U1213 CAN-HS VDC DATA ABNORMAL

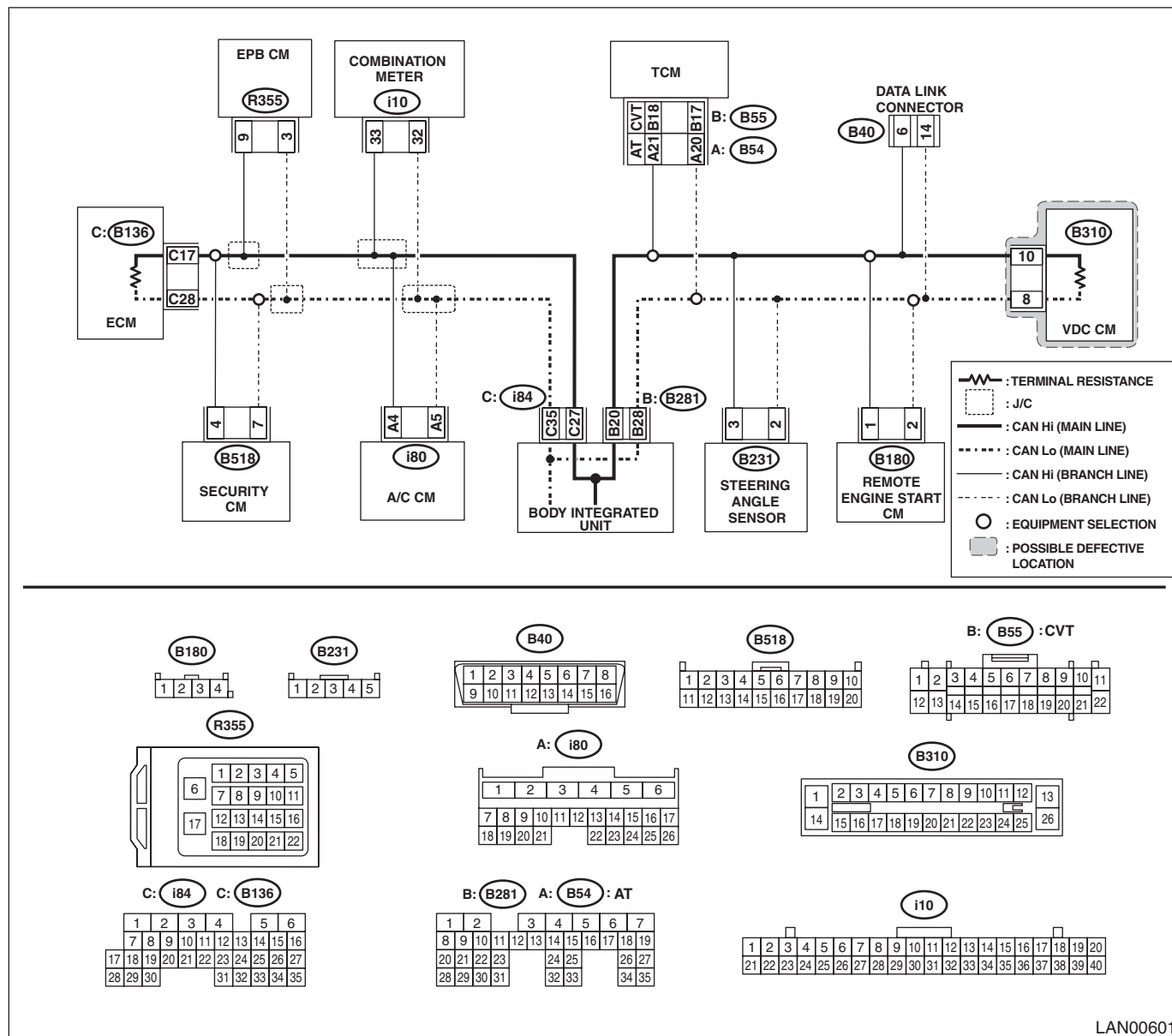
#### DTC DETECTING CONDITION:

Data from VDCCM is faulty.

#### TROUBLE SYMPTOM:

ABS warning light and VDC warning light illuminate.

#### WIRING DIAGRAM:



LAN00601

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1213 a current malfunction?     | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                  | Check                               | Yes                                                                                             | No                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the VDC CM connector.<br>3) Connect the disconnected connectors.<br>4) Using the Subaru Select Monitor, read DTC of CAN system. | Is U1213 a current malfunction?     | Replace the VDC CM. <Ref. to VDC-9, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).> | Go to step 4.                                                                    |
| <b>4</b><br><b>CHECK HARNESS.</b><br>1) Shake the harness, and check for poor contact.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                 | Is U1213 a current malfunction?     | Repair the poor contact of harness, or replace the harness.                                     | Go to step 5.                                                                    |
| <b>5</b><br><b>CHECK CONNECTOR.</b><br>Check the connector used for high speed CAN for poor contact.                                                                                                                  | Is there poor contact of connector? | Repair the connector that has poor contact, or replace harness.                                 | A temporary communication failure may be a possible cause. Clear the DTC memory. |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### G: DTC U1219 CAN-HS EPB DATA ABNORMAL

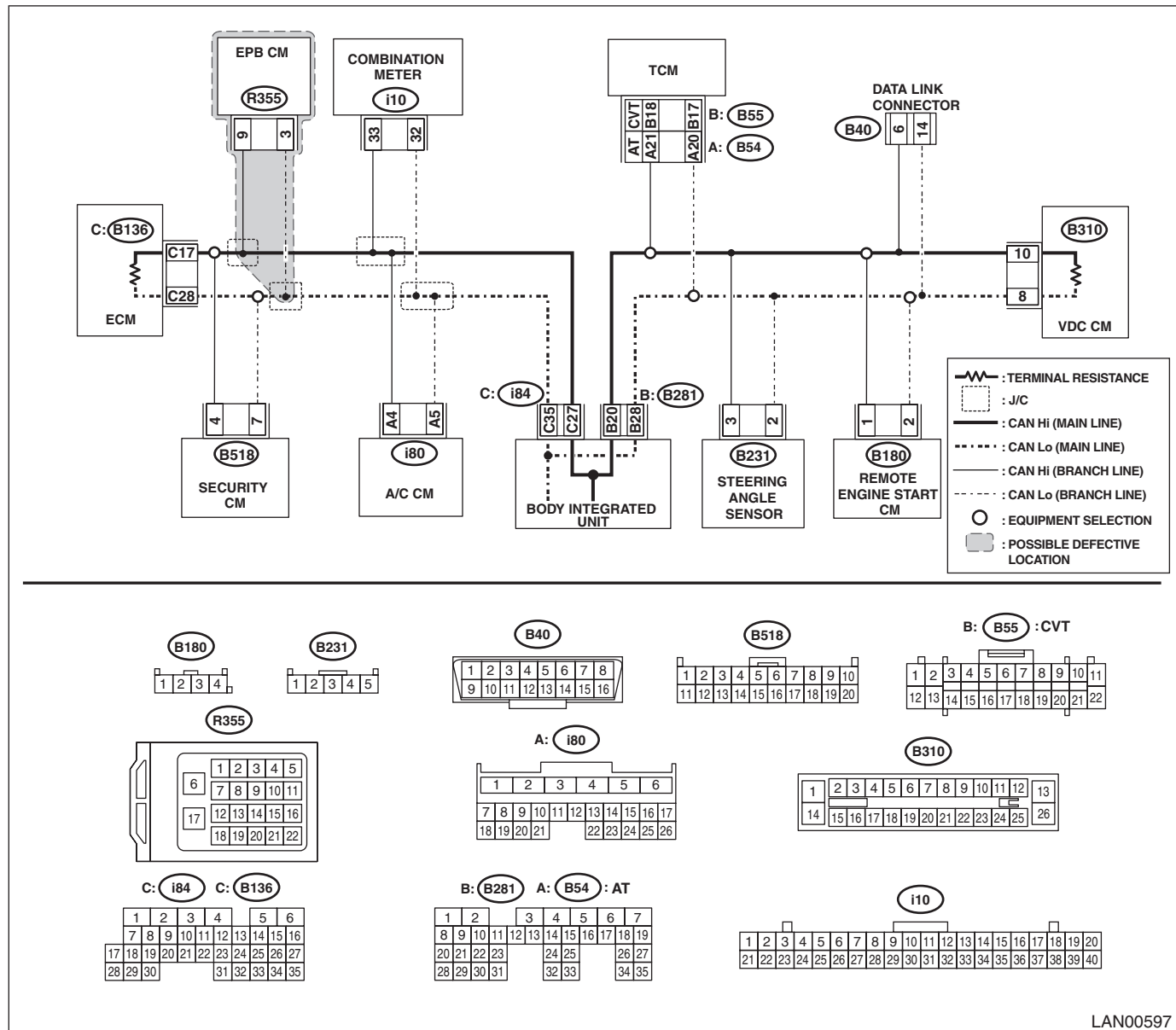
#### DTC DETECTING CONDITION:

Defective data was transmitted from electronic parking brake control module.

#### TROUBLE SYMPTOM:

Electronic parking brake cooperation control does not operate.

#### WIRING DIAGRAM:



LAN00597

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1219 a current malfunction?     | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step     |                                                                                                                                                                                                                         | Check                                   | Yes                                                                                    | No                                                                                     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>3</b> | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again.                                                                                                                                           | Is U1219 a current malfunction?         | Replace the electronic parking CM.<br><Ref. to PB-5, REMOVAL, Parking Brake Actuator.> | Go to step 4.                                                                          |
| <b>4</b> | <b>CHECK ELECTRIC PARKING CM.</b><br>1) Disconnect the electronic parking CM connector.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system. | Is the displayed DTC other than U1219?  | Go to step 5.                                                                          | Replace the electronic parking CM.<br><Ref. to PB-5, REMOVAL, Parking Brake Actuator.> |
| <b>5</b> | <b>CHECK ELECTRIC PARKING CM.</b><br>1) Connect the electronic parking CM connector.<br>2) Using the Subaru Select Monitor, read DTC of electronic parking CM. <Ref. to PB(diag)-14, OPERATION, Subaru Select Monitor.> | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC.                                                | Replace the body integrated unit.<br><Ref. to SL-73, REMOVAL, Body Integrated Unit.>   |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### H: DTC U121A CAN-HS METER UNIT DATA ABNORMAL

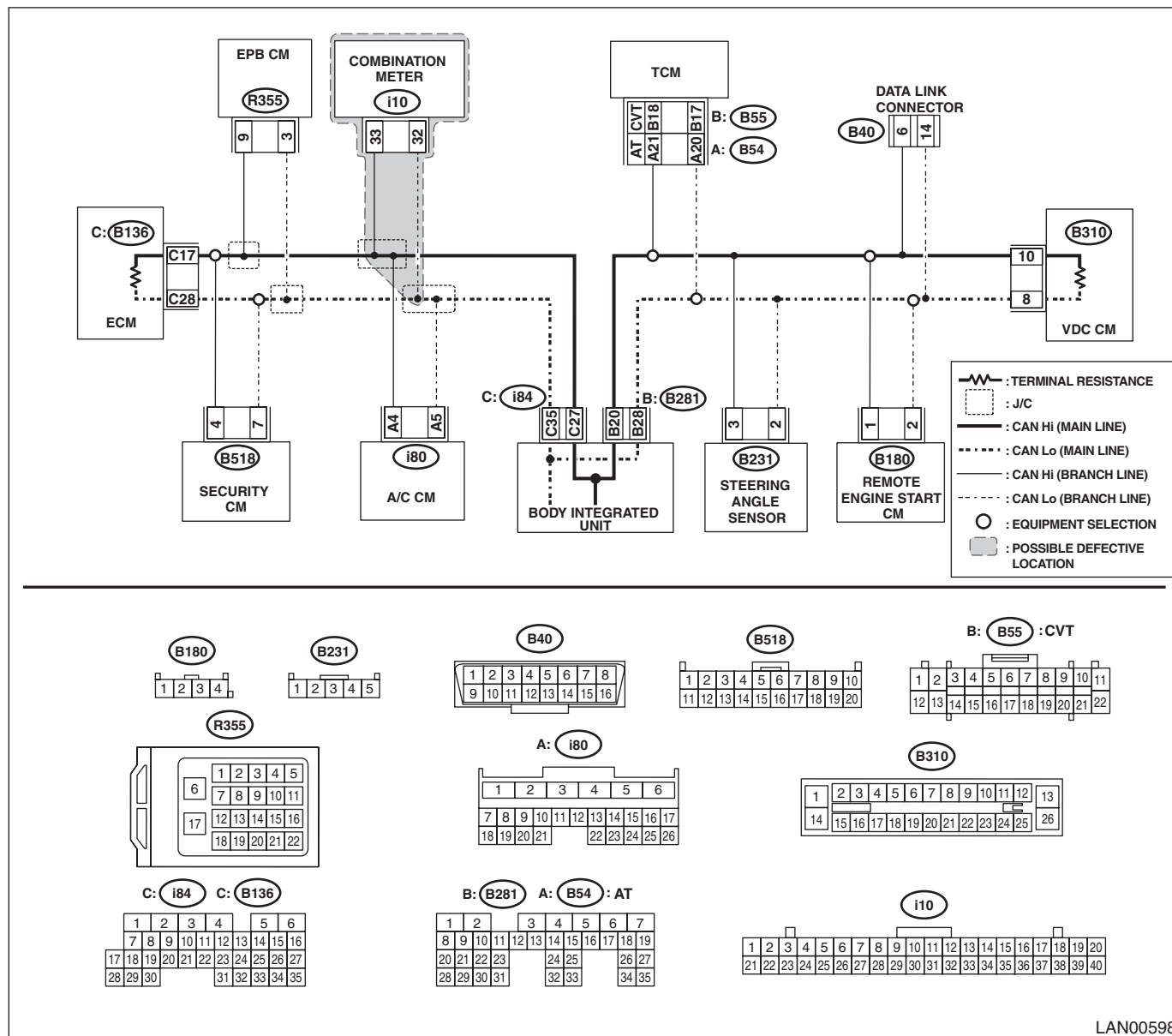
#### DTC DETECTING CONDITION:

Defective data was transmitted from combination meter.

#### TROUBLE SYMPTOM:

Display of combination meter does not operate properly.

#### WIRING DIAGRAM:



LAN00598

| Step | Check                                                                         | Yes                                 | No                                                                              |
|------|-------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.          | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules.              |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.                       | Is U121A a current malfunction?     | Go to step 3.                                                                   |
| 3    | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again. | Is U121A a current malfunction?     | Replace the combination meter.<br><Ref. to IDI-20, REMOVAL, Combination Meter.> |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                | Check                                   | Yes                                     | No                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------|
| <b>4</b><br><b>CHECK COMBINATION METER.</b><br>1) Disconnect the combination meter connector.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system.                       | Is the displayed DTC other than U121A?  | Go to step 5.                           | Replace the combination meter.<br><Ref. to IDI-20, REMOVAL, Combination Meter.>      |
| <b>5</b><br><b>CHECK COMBINATION METER.</b><br>1) Connect the combination meter connector.<br>2) Using the Subaru Select Monitor, read DTC of combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.> | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC. | Replace the body integrated unit.<br><Ref. to SL-73, REMOVAL, Body Integrated Unit.> |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### I: DTC U121B CAN-HS A/C DATA ABNORMAL

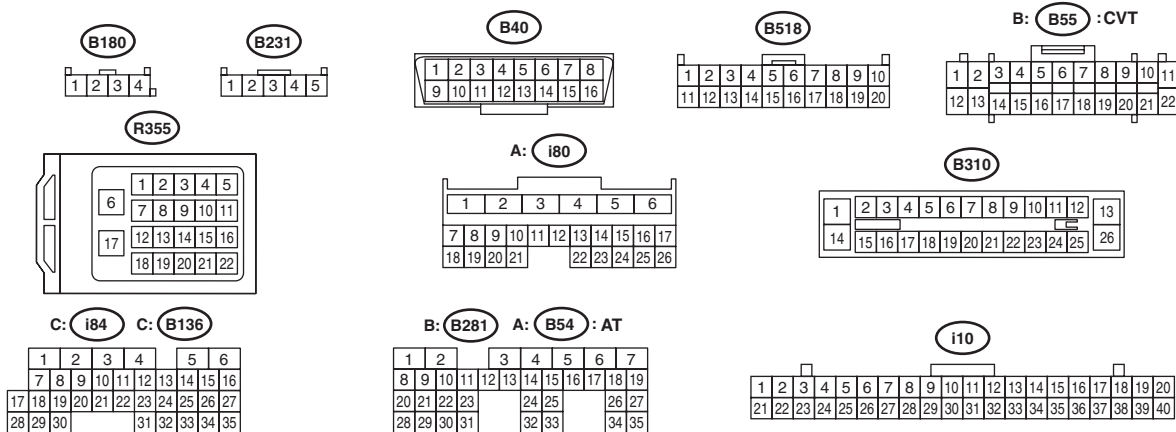
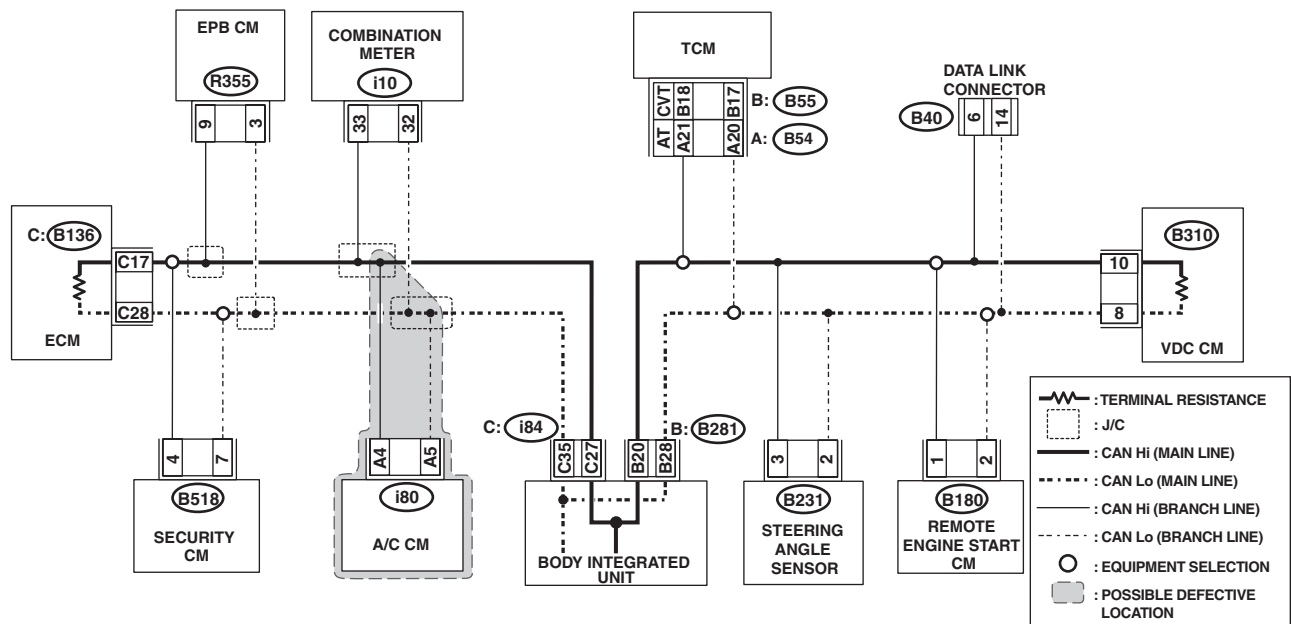
#### DTC DETECTING CONDITION:

Defective data was transmitted from A/C CM.

#### TROUBLE SYMPTOM:

Cooperation control of air conditioner does not operate properly.

#### WIRING DIAGRAM:



LAN00596

| Step | Check                                                                         | Yes                                 | No                                                                 |
|------|-------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.          | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.                       | Is U121B a current malfunction?     | Go to step 3.                                                      |
| 3    | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again. | Is U121B a current malfunction?     | Replace the A/C CM. <Ref. to AC-48, REMOVAL, Control Unit.>        |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step |                                                                                                                                                                                             | Check                                   | Yes                                     | No                                                                                |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------|
| 4    | <b>CHECK A/C CM.</b><br>1) Disconnect the A/C CM connector.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system. | Is the displayed DTC other than U121B?  | Go to step 5.                           | Replace the A/C CM. <Ref. to AC-48, REMOVAL, Control Unit.>                       |
|      | <b>CHECK A/C CM.</b><br>1) Connect the A/C CM connector.<br>2) Using the Subaru Select Monitor, read DTC of A/C CM. <Ref. to AC(diag)-30, OPERATION, Subaru Select Monitor.>                | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC. | Replace the body integrated unit. <Ref. to SL-73, REMOVAL, Body Integrated Unit.> |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### J: DTC U121C CAN-HS SCU DATA ABNORMAL

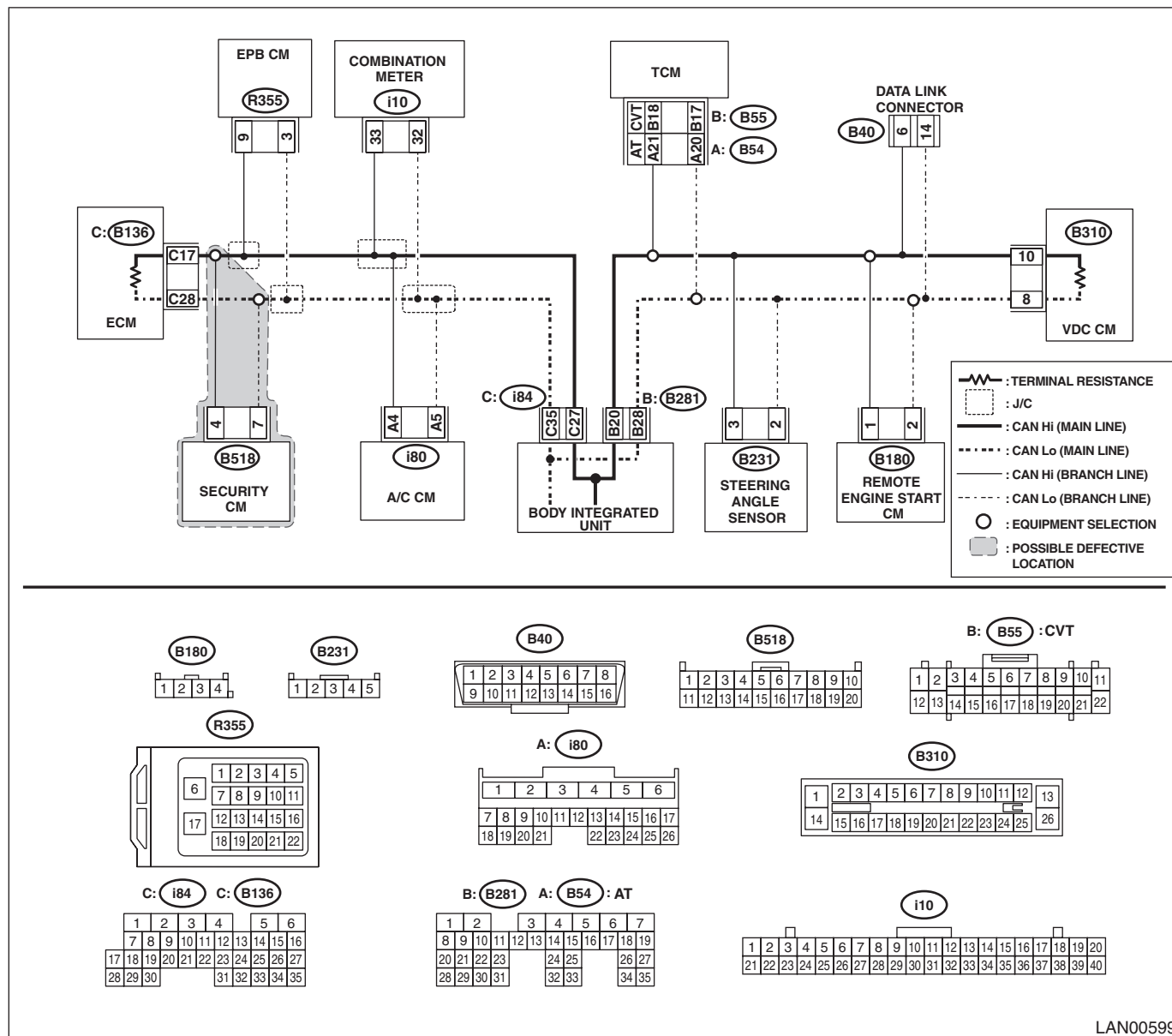
#### DTC DETECTING CONDITION:

Defective data was transmitted from SCM.

#### TROUBLE SYMPTOM:

Immobilizer does not operate normally.

#### WIRING DIAGRAM:



LAN00599

| Step | Check                                                                         | Yes                                                                | No                                                                 |
|------|-------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.          | Is there DTC other than CAN system?                                | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.                       | Is U121C a current malfunction?                                    | Go to step 3.                                                      |
| 3    | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again. | Is U121C a current malfunction?                                    | Go to step 4.                                                      |
|      |                                                                               | Replace SCM.<br><Ref. to SL-67, REMOVAL, Security Control Module.> | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                   | Check                                   | Yes                                     | No                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------|
| <b>4</b><br><b>CHECK SCM.</b><br>1) Disconnect the connector from SCM.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system. | Is the displayed DTC other than U121C?  | Go to step 5.                           | Replace SCM.<br><Ref. to SL-67, REMOVAL, Security Control Module.>                   |
| <b>5</b><br><b>CHECK SCM.</b><br>1) Connect the SCM connector.<br>2) Using the Subaru Select Monitor, read DTC of immobilizer. <Ref. to IM(diag)-9, OPERATION, Read Diagnostic Trouble Code (DTC).>    | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC. | Replace the body integrated unit.<br><Ref. to SL-73, REMOVAL, Body Integrated Unit.> |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### K: DTC U1221 CAN-HS ECM NO-RECEIVE DATA

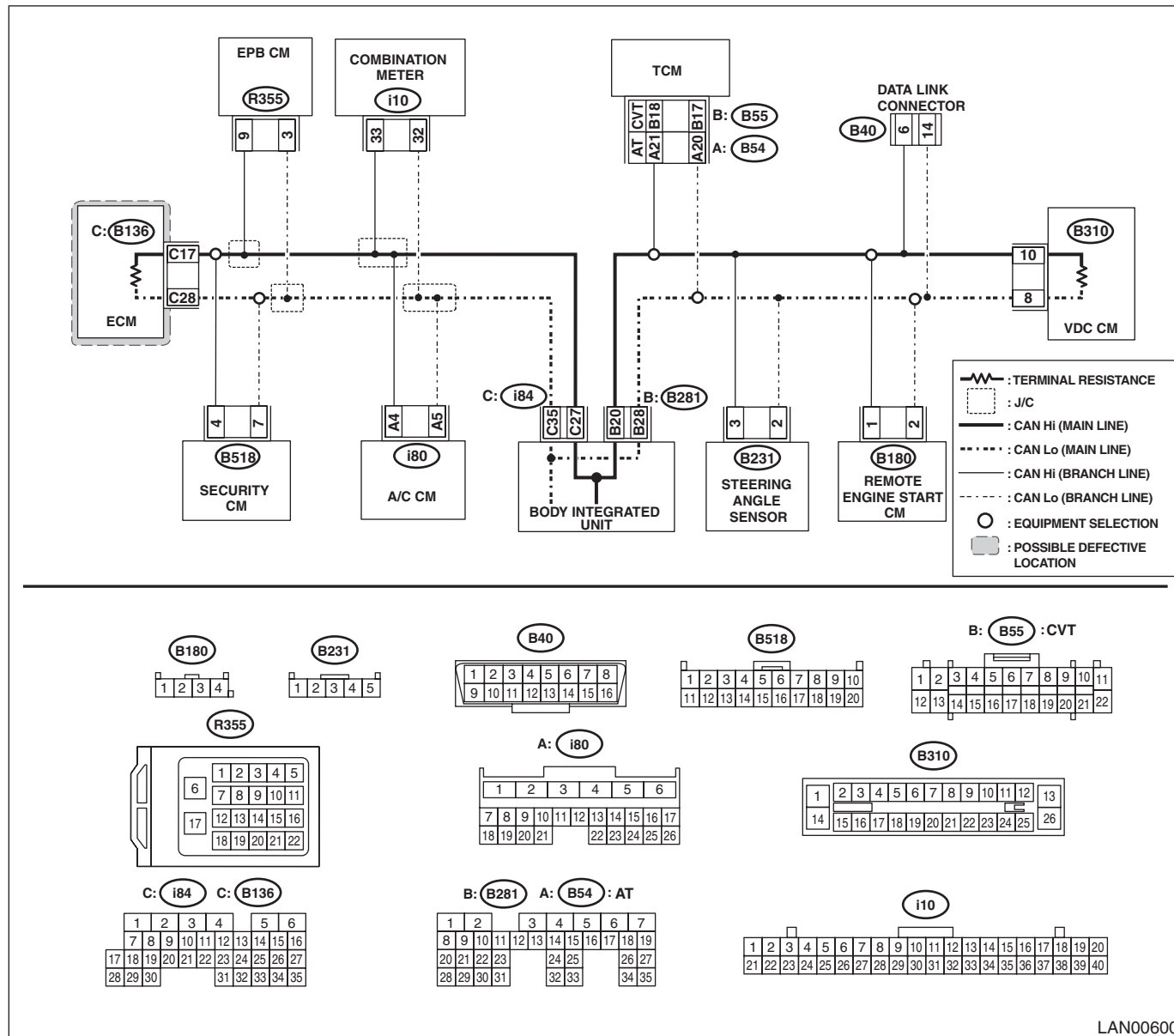
#### DTC DETECTING CONDITION:

Not received data from ECM.

#### TROUBLE SYMPTOM:

Cooperation control of transmission may not operate properly.

#### WIRING DIAGRAM:



LAN00600

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1221 a current malfunction?     | Go to step 3.                                                      |
|      |                                                                      |                                     | Go to step 7.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                                                                            | Check                                  | Yes                                                                                | No                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control module connector that is connected to high speed CAN.<br>3) Connect the disconnected connectors.<br>4) Using the Subaru Select Monitor, read DTC of CAN system.                                                                               | Is U1221 a current malfunction?        | Go to step 4.                                                                      | Go to step 7.                                                                        |
| <b>4</b><br><b>CHECK HARNESS.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control module connector that is connected to high speed CAN.<br>3) Using the tester, measure the resistance between terminals.<br><b>Connector &amp; terminal</b><br><b>(B40) No. 6 — (B136) No. 17:</b><br><b>(B40) No. 14 — (B136) No. 28:</b> | Is the resistance 10 $\Omega$ or less? | Go to step 5.                                                                      | Repair the open circuit of harness or replace harness.                               |
| <b>5</b><br><b>CHECK DTC.</b><br>1) Connect the disconnected connectors.<br>2) Start the engine.<br>3) Turn the ignition switch to OFF.<br>4) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                          | Is U1221 a current malfunction?        | Go to step 6.                                                                      | Go to step 7.                                                                        |
| <b>6</b><br><b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.                                                                                                                                                                                                                                                                | Is P1718, C0044, C0045 detected?       | Replace the ECM.<br><Ref. to FU(H4DOTC)-58, REMOVAL, Engine Control Module (ECM).> | Replace the body integrated unit.<br><Ref. to SL-73, REMOVAL, Body Integrated Unit.> |
| <b>7</b><br><b>CHECK HARNESS.</b><br>1) Shake the harness, and check for poor contact.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                           | Is U1221 a current malfunction?        | Repair the poor contact of harness, or replace the harness.                        | Go to step 8.                                                                        |
| <b>8</b><br><b>CHECK CONNECTOR.</b><br>Check the connector used for high speed CAN for poor contact.                                                                                                                                                                                                                                            | Is there poor contact of connector?    | Repair the connector, or replace harness.                                          | It is possible that temporary poor communication occurs. Delete the DTC.             |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### L: DTC U1222 CAN-HS TCM NO-RECEIVE DATA

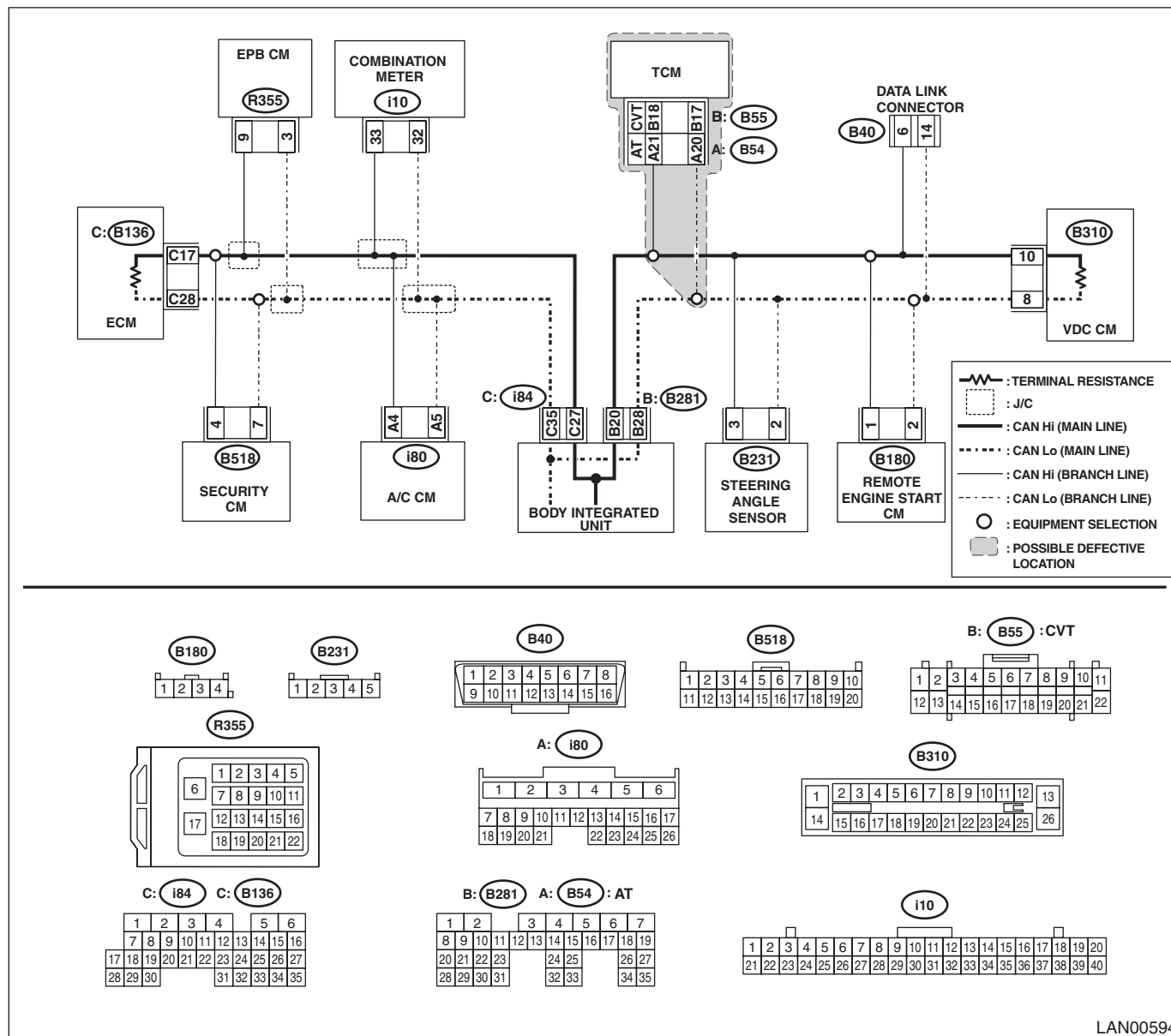
#### DTC DETECTING CONDITION:

Not received data from TCM.

#### TROUBLE SYMPTOM:

Cooperation control with transmission is not performed.

#### WIRING DIAGRAM:



LAN00594

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1222 a current malfunction?     | Go to step 3.                                                      |
|      |                                                                      |                                     | Go to step 7.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                                                                                                                                                                               | Check                               | Yes                                                                            | No                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control module connector that is connected to high speed CAN.<br>3) Connect the disconnected connectors.<br>4) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                  | Is U1222 a current malfunction?     | Go to step 4.                                                                  | Go to step 7.                                                                     |
| <b>4</b><br><b>CHECK HARNESS.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control module connector that is connected to high speed CAN.<br>3) Using the tester, measure the resistance between terminals.<br><b>Connector &amp; terminal</b><br><b>(B40) No. 6 — (B55) No. 18 (CVT):</b><br><b>(B40) No. 14 — (B55) No. 17 (CVT):</b><br><b>(B40) No. 6 — (B54) No. 21 (5AT):</b><br><b>(B40) No. 14 — (B54) No. 20 (5AT):</b> | Is the resistance 10 Ω or less?     | Go to step 5.                                                                  | Repair the open circuit of harness or replace harness.                            |
| <b>5</b><br><b>CHECK DTC.</b><br>1) Connect the disconnected connectors.<br>2) Start the engine.<br>3) Turn the ignition switch to OFF (stop the engine).<br>4) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                                                           | Is U1222 a current malfunction?     | Go to step 6.                                                                  | Go to step 7.                                                                     |
| <b>6</b><br><b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.                                                                                                                                                                                                                                                                                                                                                                   | Is P1718, C0044, C0045 detected?    | Replace the TCM. <Ref. to 5AT-57, REMOVAL, Transmission Control Module (TCM).> | Replace the body integrated unit. <Ref. to SL-73, REMOVAL, Body Integrated Unit.> |
| <b>7</b><br><b>CHECK HARNESS.</b><br>1) Shake the harness, and check for poor contact.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                                                                                                                              | Is U1222 a current malfunction?     | Repair the open circuit of harness or replace harness.                         | Go to step 8.                                                                     |
| <b>8</b><br><b>CHECK CONNECTOR.</b><br>Check the connector used for high speed CAN for poor contact.                                                                                                                                                                                                                                                                                                                                               | Is there poor contact of connector? | Repair the connector, or replace harness.                                      | It is possible that temporary poor communication occurs. Delete the DTC.          |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### M: DTC U1223 CAN-HS VDC NO-RECEIVE DATA

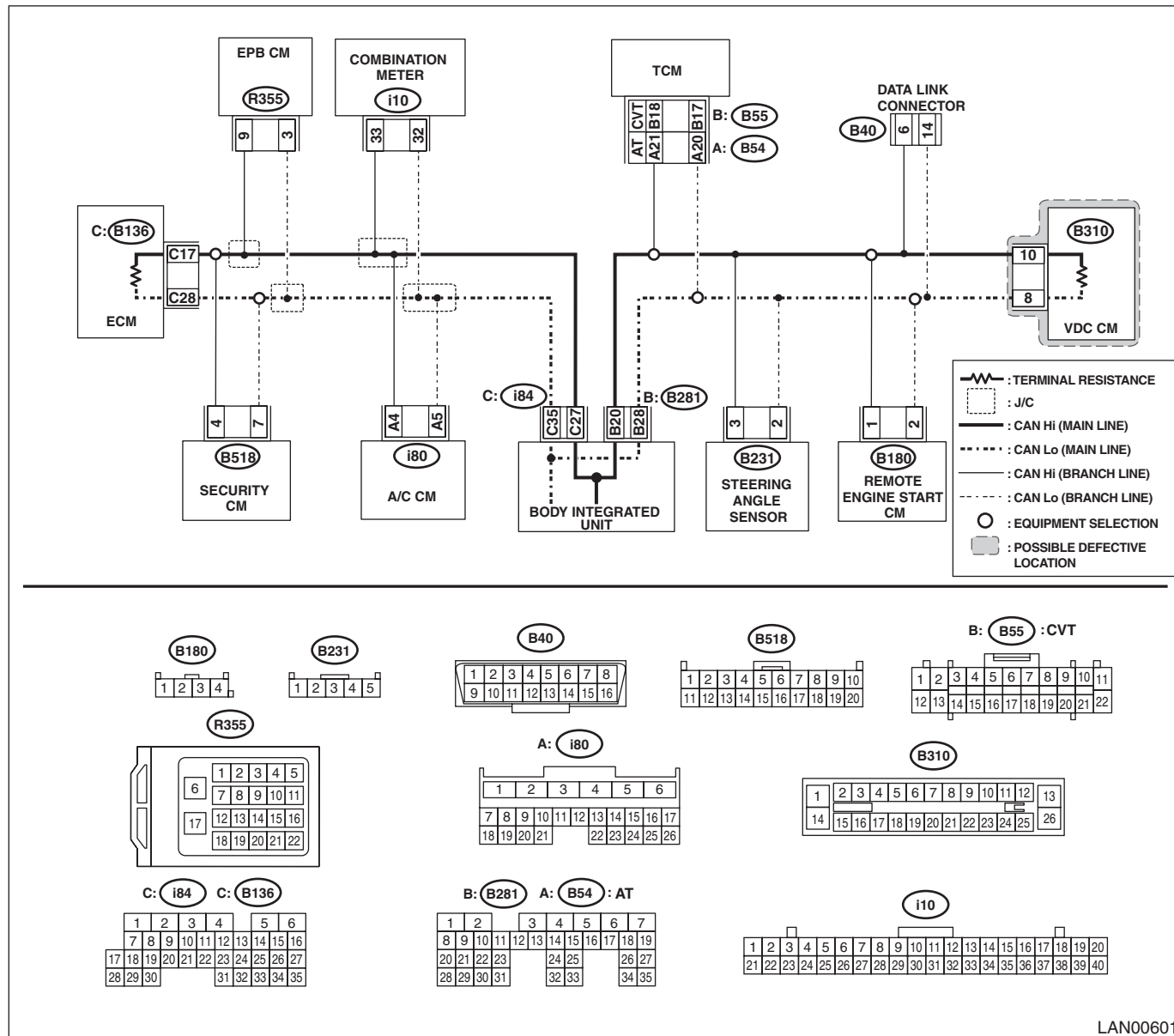
#### DTC DETECTING CONDITION:

No data from VDCCM is received.

#### TROUBLE SYMPTOM:

ABS warning light and VDC warning light illuminate.

#### WIRING DIAGRAM:



LAN00601

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1223 a current malfunction?     | Go to step 7.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                                                                                                                                                        | Check                                  | Yes                                                                                                      | No                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control module connector that is connected to high speed CAN.<br>3) Connect the disconnected connectors.<br>4) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                           | Is U1223 a current malfunction?        | Go to step 4.                                                                                            | Go to step 7.                                                                     |
| <b>4</b><br><b>CHECK HARNESS.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the control module connector that is connected to high speed CAN.<br>3) Using the tester, measure the resistance between terminals.<br><b>Connector &amp; terminal</b><br><b>(B40) No. 6 — (B310) No. 10:</b><br><b>(B40) No. 6 — (B231) No. 3:</b><br><b>(B40) No. 14 — (B310) No. 8:</b><br><b>(B40) No. 14 — (B231) No. 2:</b> | Is the resistance 10 $\Omega$ or less? | Go to step 5.                                                                                            | Repair the open circuit of harness or replace harness.                            |
| <b>5</b><br><b>CHECK DTC.</b><br>1) Connect the disconnected connectors.<br>2) Start the engine.<br>3) Turn the ignition switch to OFF.<br>4) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                                                      | Is U1223 a current malfunction?        | Go to step 6.                                                                                            | Go to step 7.                                                                     |
| <b>6</b><br><b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.                                                                                                                                                                                                                                                                                                                                            | Is P1718 detected?                     | Replace the VDC CM. <Ref. to VDC-9, REMOVAL, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).> | Replace the body integrated unit. <Ref. to SL-73, REMOVAL, Body Integrated Unit.> |
| <b>7</b><br><b>CHECK HARNESS.</b><br>1) Shake the harness, and check for poor contact.<br>2) Using the Subaru Select Monitor, read DTC of CAN system.                                                                                                                                                                                                                                                                       | Is U1223 a current malfunction?        | Repair the poor contact of harness, or replace the harness.                                              | Go to step 8.                                                                     |
| <b>8</b><br><b>CHECK CONNECTOR.</b><br>Check the connector used for high speed CAN for poor contact.                                                                                                                                                                                                                                                                                                                        | Is there poor contact of connector?    | Repair the connector, or replace harness.                                                                | It is possible that temporary poor communication occurs. Delete the DTC.          |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### N: DTC U1229 CAN-HS EPB NO-RECEIVE DATA

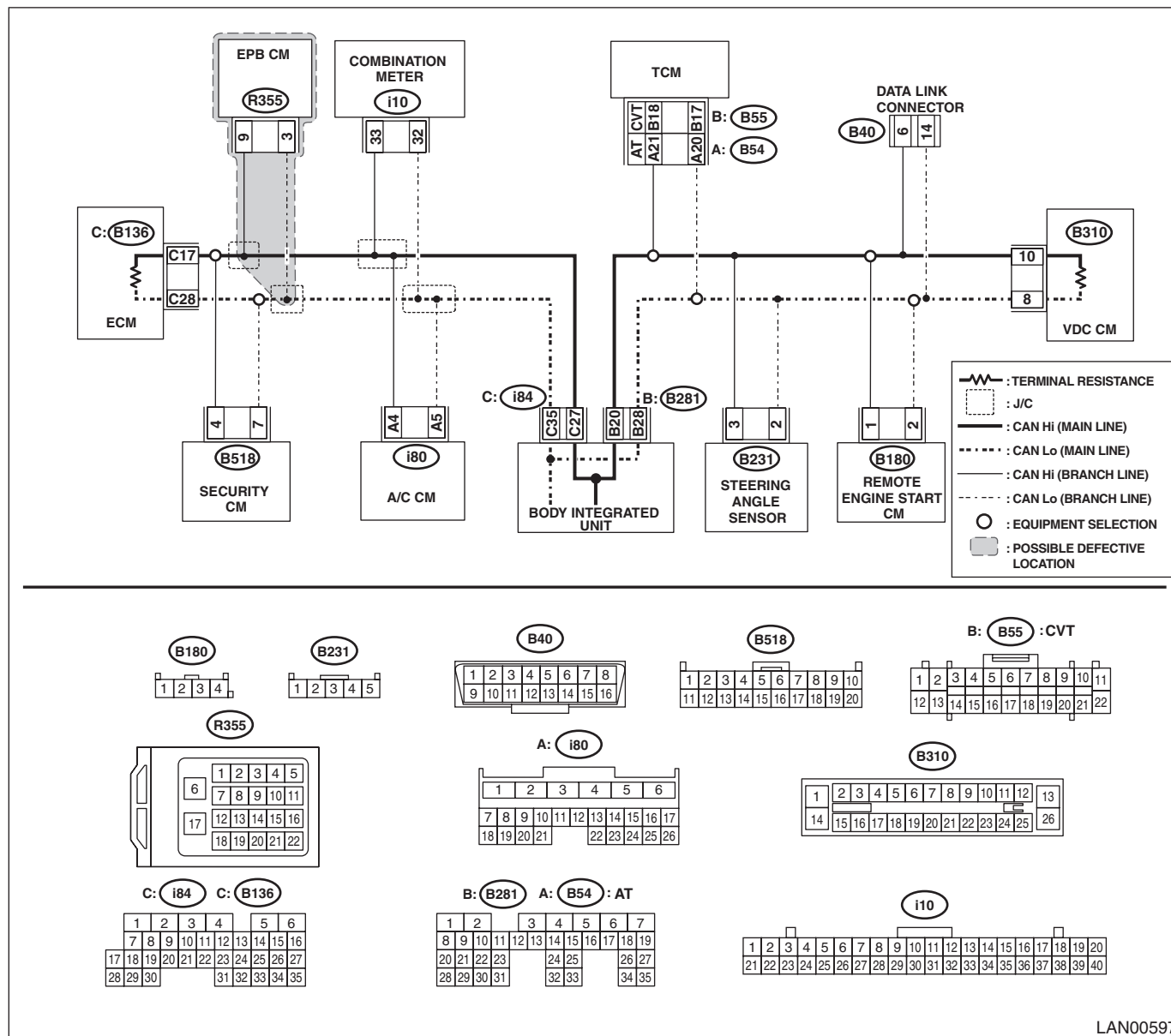
#### DTC DETECTING CONDITION:

No data from electronic parking brake control module is received.

#### TROUBLE SYMPTOM:

Electronic parking brake cooperation control does not operate.

#### WIRING DIAGRAM:



LAN00597

| Step | Check                                                                | Yes                                 | No                                                                 |
|------|----------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs. | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.              | Is U1229 a current malfunction?     | Go to step 3.                                                      |
|      |                                                                      |                                     | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                | Check                                   | Yes                                                                                 | No                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again.                                                                                                                                           | Is U1229 a current malfunction?         | Replace the electronic parking CM. <Ref. to PB-5, REMOVAL, Parking Brake Actuator.> | Go to step 4.                                                                       |
| <b>4</b><br><b>CHECK ELECTRIC PARKING CM.</b><br>1) Disconnect the electronic parking CM connector.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system. | Is the displayed DTC other than U1229?  | Go to step 5.                                                                       | Replace the electronic parking CM. <Ref. to PB-5, REMOVAL, Parking Brake Actuator.> |
| <b>5</b><br><b>CHECK ELECTRIC PARKING CM.</b><br>1) Connect the electronic parking CM connector.<br>2) Using the Subaru Select Monitor, read DTC of electronic parking CM. <Ref. to PB(diag)-14, OPERATION, Subaru Select Monitor.> | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC.                                             | Replace the body integrated unit. <Ref. to SL-73, REMOVAL, Body Integrated Unit.>   |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### O: DTC U122A CAN-HS METER NO-RECEIVE DATA

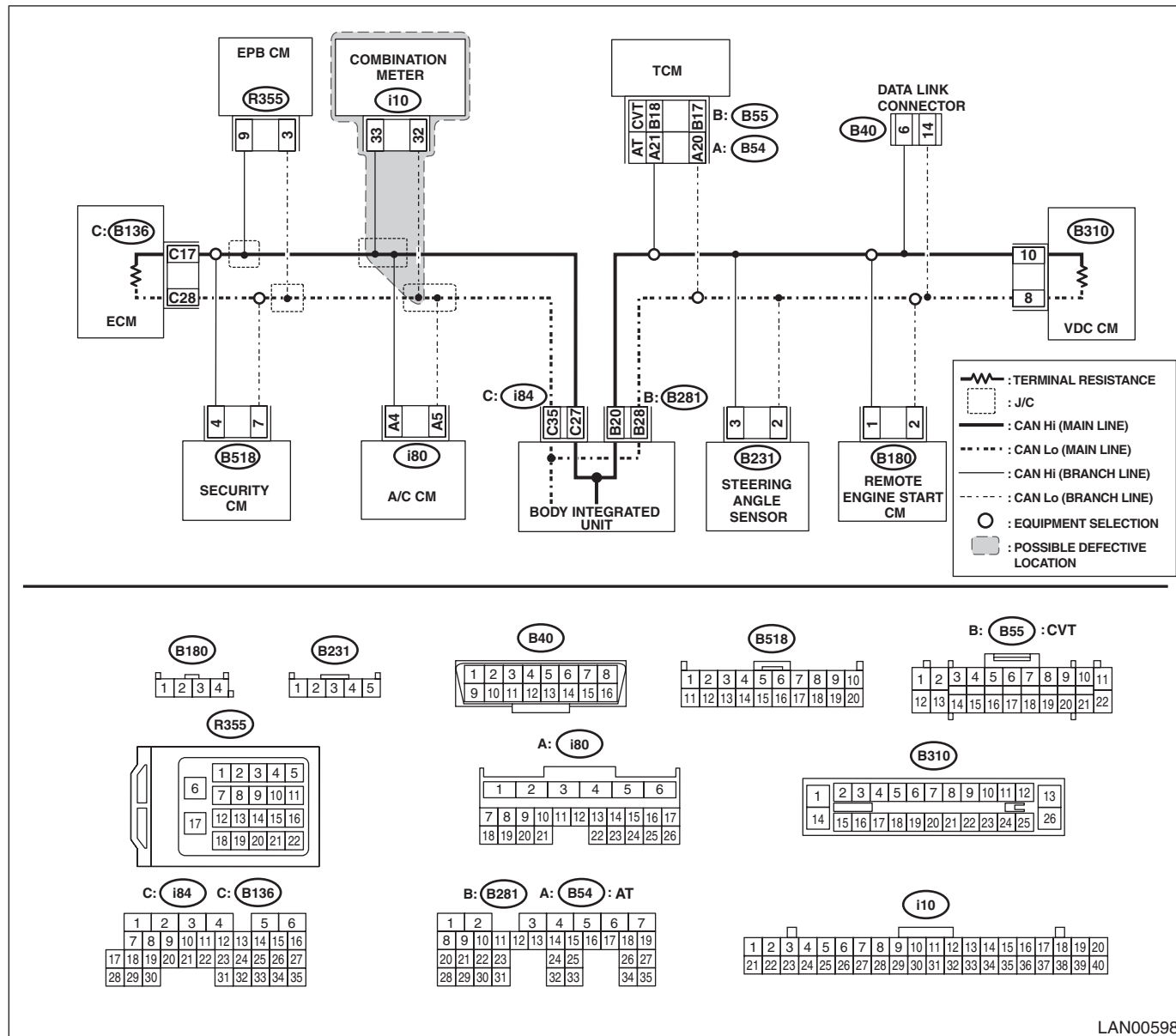
#### DTC DETECTING CONDITION:

No data received from combination meter.

#### TROUBLE SYMPTOM:

Display of combination meter does not operate properly.

#### WIRING DIAGRAM:



LAN00598

| Step | Check                                                                         | Yes                                 | No                                                                 |
|------|-------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.          | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.                       | Is U122A a current malfunction?     | Go to step 3.                                                      |
| 3    | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again. | Is U122A a current malfunction?     | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                | Check                                   | Yes                                     | No                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------|
| <b>4</b><br><b>CHECK COMBINATION METER.</b><br>1) Disconnect the combination meter connector.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system.                       | Is the displayed DTC other than U122A?  | Go to step 5.                           | Replace the combination meter.<br><Ref. to IDI-20, REMOVAL, Combination Meter.>      |
| <b>5</b><br><b>CHECK COMBINATION METER.</b><br>1) Connect the combination meter connector.<br>2) Using the Subaru Select Monitor, read DTC of combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.> | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC. | Replace the body integrated unit.<br><Ref. to SL-73, REMOVAL, Body Integrated Unit.> |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### P: DTC U122B CAN-HS A/C NO-RECEIVE DATA

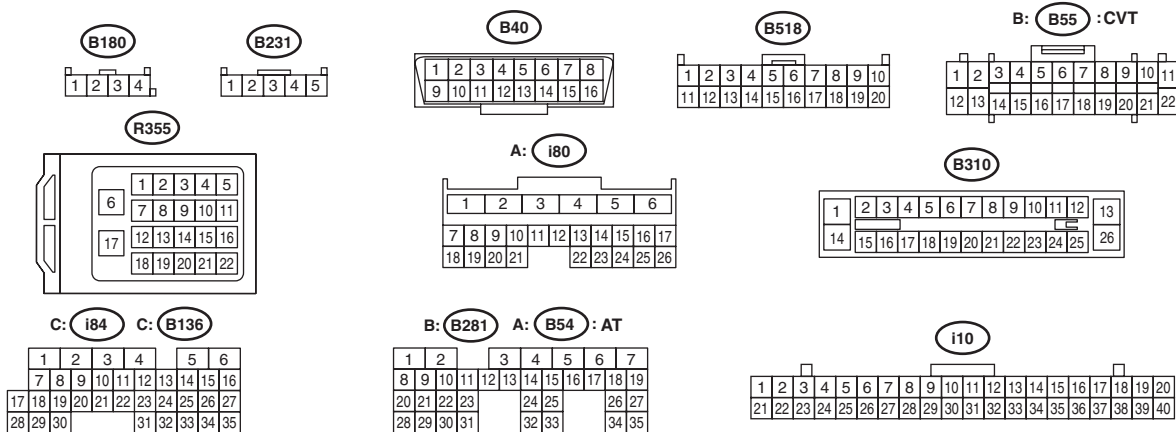
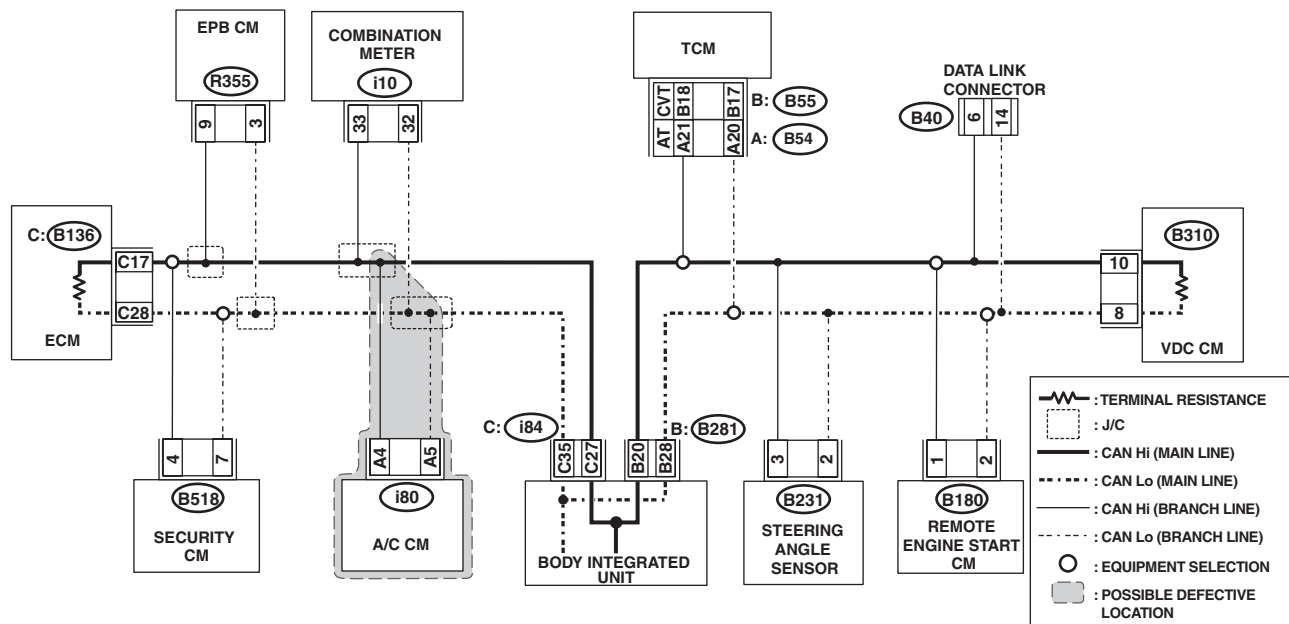
#### DTC DETECTING CONDITION:

No data received from A/C CM.

#### TROUBLE SYMPTOM:

Cooperation control of air conditioner does not operate properly.

#### WIRING DIAGRAM:



LAN00596

| Step | Check                                                                         | Yes                                 | No                                                                 |
|------|-------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.          | Is there DTC other than CAN system? | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.                       | Is U122B a current malfunction?     | Go to step 3.                                                      |
| 3    | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again. | Is U122B a current malfunction?     | Replace the A/C CM. <Ref. to AC-48, REMOVAL, Control Unit.>        |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                    | Check                                   | Yes                                     | No                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------|
| <b>4</b><br><b>CHECK A/C CM.</b><br>1) Disconnect the A/C CM connector.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system. | Is the displayed DTC other than U122B?  | Go to step 5.                           | Replace the A/C CM. <Ref. to AC-48, REMOVAL, Control Unit.>                       |
| <b>5</b><br><b>CHECK A/C CM.</b><br>1) Connect the A/C CM connector.<br>2) Using the Subaru Select Monitor, read DTC of A/C CM. <Ref. to AC(diag)-30, OPERATION, Subaru Select Monitor.>                | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC. | Replace the body integrated unit. <Ref. to SL-73, REMOVAL, Body Integrated Unit.> |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## LAN SYSTEM (DIAGNOSTICS)

### Q: DTC U122C CAN-HS SCU NO-RECEIVE DATA

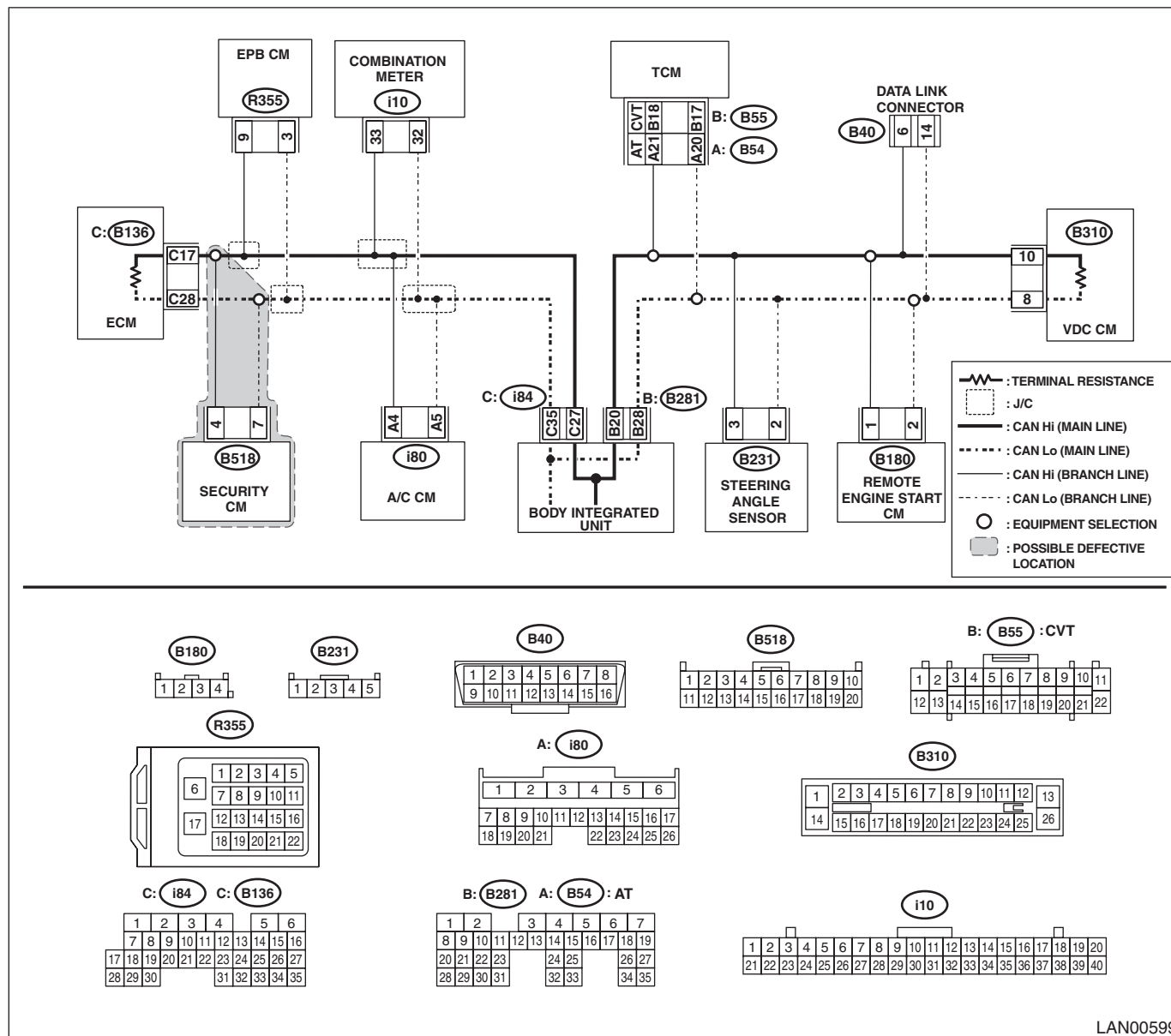
#### DTC DETECTING CONDITION:

No data received from SCM.

#### TROUBLE SYMPTOM:

Immobilizer does not operate normally.

#### WIRING DIAGRAM:



LAN00599

| Step | Check                                                                         | Yes                                                                | No                                                                 |
|------|-------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| 1    | <b>CHECK DTC.</b><br>Using the Subaru Select Monitor, read all DTCs.          | Is there DTC other than CAN system?                                | Perform the diagnosis according to DTCs for other control modules. |
| 2    | <b>CHECK DTC.</b><br>Check DTC indicated in CAN system.                       | Is U122C a current malfunction?                                    | Go to step 3.                                                      |
| 3    | <b>CHECK DTC.</b><br>Turn the ignition switch to OFF, and read the DTC again. | Is U122C a current malfunction?                                    | Go to step 4.                                                      |
|      |                                                                               | Replace SCM.<br><Ref. to SL-67, REMOVAL, Security Control Module.> | Go to step 4.                                                      |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

LAN SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                   | Check                                   | Yes                                     | No                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------|
| <b>4</b><br><b>CHECK SCM.</b><br>1) Disconnect the connector from SCM.<br>2) Using the Subaru Select Monitor, perform the clear memory.<br>3) Using the Subaru Select Monitor, read DTC of CAN system. | Is the displayed DTC other than U122C?  | Go to step 5.                           | Replace SCM.<br><Ref. to SL-67, REMOVAL, Security Control Module.>                   |
| <b>5</b><br><b>CHECK SCM.</b><br>1) Connect the SCM connector.<br>2) Using the Subaru Select Monitor, read DTC of immobilizer. <Ref. to IM(diag)-8, OPERATION, Subaru Select Monitor.>                 | Is DTC other than CAN system displayed? | Perform the diagnosis according to DTC. | Replace the body integrated unit.<br><Ref. to SL-73, REMOVAL, Body Integrated Unit.> |