

## DTCs through 18270/P1862

Output at printer	Possible cause	Corrective action
P150 / P1742 Clutch torque adaptation Adaptation limit reached	♦ Malfunction in Engine Control Module (ECM)	– Read Engine Control Module (ECM) DTC memory and repair malfunction.
	♦ ATF properties are no longer OK	– Change ATF, then perform adaptation → <b>Chapter</b> → Continuously Variable Transmission; Rep. Gr.37
	♦ Transmission faulty	– Replace transmission. → Continuously Variable Transmission; Rep. Gr.37

Output at printer	Possible cause	Corrective action
18151 / P1743 Monitoring clutch slip Signal too high	♦ Incorrect transmission installed → <b>Note</b>	– Compare code letters on transmission with code letters in Repair Manual: → Continuously Variable Transmission; Rep. Gr.00
	♦ ATF properties are no longer OK	– Change ATF, then perform adaptation → <b>Chapter</b> → Continuously Variable Transmission; Rep. Gr.37
	♦ Clutch faulty	– Replace transmission. → Continuously Variable Transmission; Rep.

Gr.37

- 1) This DTC is displayed if an incorrect transmission has been installed, i.e. if a transmission for a 1.8 liter engine was mistakenly installed in a vehicle with a 3.0 liter engine.

Output at printer	Possible cause	Corrective action
18152 / P1744 Tiptronic switch - F189-  Short circuit to ground	<ul style="list-style-type: none"> <li>◆ Tiptronic switch - F189- → <b>Note</b> faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → <b>Chapter</b>; display group number 003.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Short circuit to ground in the electrical wiring</li> <li>◆ Short circuit to ground in the Tiptronic buttons on the multifunction steering wheel or in the wiring</li> </ul>	<ul style="list-style-type: none"> <li>– Check wiring and harness connectors using wiring diagram.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Solenoid in roll cover for shift mechanism has become detached</li> </ul>	<ul style="list-style-type: none"> <li>– Replace printed circuit board → <b>Note</b> or roll cover → <b>Note</b> for shift mechanism. → <b>Continuously Variable Transmission; Rep. Gr.37</b></li> </ul>

- 2) The Tiptronic switch -F189- consists of switches for recognition, upshift and downshift. It is integrated in the shift mechanism printed circuit board, i.e. if the Tiptronic switch -F189- is faulty, the printed-circuit board has to be replaced.
- 3) The Tiptronic switch -F189- receives its Tiptronic gate recognition or upshift/downshift information through the solenoid on the transverse slide for the roll cover. If the solenoid has become detached, the cover must be replaced.
- 4) If the transmission is shifted into the Tiptronic gate with the selector lever in D this shift procedure is recognized by the Tiptronic recognition switch -F189- and transmitted to the Transmission Control Module (TCM).

#### Note on DTC 18152 / P1744:

- ◆ DTC is displayed if Tiptronic recognition was detected, although the selector lever is not in the Tiptronic gate.

Output at printer	Possible cause	Corrective action
18156 / P1748 Control module faulty	<ul style="list-style-type: none"> <li>◆ Transmission Control Module (TCM) -J217- faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace Transmission Control Module (TCM). → <b>Continuously Variable Transmission; Rep. Gr.38</b></li> </ul>

18158 / P1750 Power supply Voltage too low	◆ Generator or voltage regulator faulty	– Check power supply for Transmission Control Module (TCM) Perform electrical test, → Chapter.
	◆ Transmission Control Module (TCM) -J217-faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

**Note on DTC 18158 / P 1750:**

- ◆ Condition for DTC recognition: Battery voltage was detected as less than or at 10 V.

Output at printer	Possible cause	Corrective action
18159 / P1751 Power supply Voltage too high	◆ Generator or voltage regulator faulty	– Check power supply for Transmission Control Module (TCM) Perform electrical test, → Chapter.
	◆ Transmission Control Module (TCM) -J217-faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

**Notes on DTC 18159 / P 1751:**

- ◆ Condition for DTC recognition: Battery voltage above 16 volts.
- ◆ This DTC was also displayed, for example, when j ump starting with a 24 volt battery.

Output at printer	Possible cause	Corrective action
18161 / P1753 Tiptronic switch -F189-  Implausible signal	◆ Individual hall sensors are not switching to ground	– With an intermittent DTC: Check adjustment of selector lever cable. → Continuously Variable Transmission; Rep. Gr.37

		<ul style="list-style-type: none"> <li>- Read Measured Value Block → Chapter; display group number 002.</li> <li>- Replace printed circuit board → Note for shift mechanism. → Continuously Variable Transmission; Rep. Gr.37</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Connector at the shift mechanism not connected</li> <li>◆ Power supply for shift mechanism missing</li> <li>◆ All 3 Tiptronic wires have an open circuit</li> </ul>	<ul style="list-style-type: none"> <li>- Check wiring and harness connectors using wiring diagram.</li> </ul>

5) The Tiptronic switch -F189- consists of switches for recognition, upshift and downshift. It is integrated in the shift mechanism printed circuit board, i.e. if the Tiptronic switch -F189- is faulty, the printed circuit board has to be replaced.

Output at printer	Possible cause	Corrective action
18162 / P1754 Tiptronic switch -F189-  Open circuit/short circuit to B+	<ul style="list-style-type: none"> <li>◆ Tiptronic switch - F189- faulty (upshift)</li> </ul>	<ul style="list-style-type: none"> <li>- Read Measured Value Block → Chapter; display group number 003.</li> <li>- Replace printed circuit board → Note for shift mechanism. → Continuously Variable Transmission; Rep. Gr.37</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Open circuit/short circuit to B+ in the electrical wiring</li> <li>◆ Open circuit/short circuit to B+ in the Tiptronic buttons on the multifunction steering wheel or in the wiring</li> </ul>	<ul style="list-style-type: none"> <li>- Check wiring and harness connectors using wiring diagram.</li> </ul>

- 6) The Tiptronic switch -F189- consists of switches for recognition, upshift and downshift. It is integrated in the shift mechanism printed circuit board, i.e. if the Tiptronic switch -F189- is faulty, the printed circuit board has to be replaced.

Output at printer	Possible cause	Corrective action
18163 / P1755 Tiptronic switch -F189-  Open circuit/short circuit to B+	<ul style="list-style-type: none"> <li>◆ Tiptronic switch - F189- faulty (downshift)</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → Chapter; display group number 003.</li> <li>– Replace printed circuit board → Note for shift mechanism. → Continuously Variable Transmission; Rep. Gr.37</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Open circuit/short circuit to B+ in the electrical wiring</li> <li>◆ Open circuit/short circuit to B+ in the Tiptronic buttons on the multifunction steering wheel or in the wiring</li> </ul>	<ul style="list-style-type: none"> <li>– Check wiring and harness connectors using wiring diagram.</li> </ul>

- 7) The Tiptronic switch -F189- consists of switches for recognition, upshift and downshift. It is integrated in the shift mechanism printed circuit board, i.e. if the Tiptronic switch -F189- is faulty, the printed circuit board has to be replaced.

Output at printer	Possible cause	Corrective action
18164 / P1756 Tiptronic switch -F189-  Open circuit/short circuit to B+	<ul style="list-style-type: none"> <li>◆ Tiptronic switch - F189- faulty (recognition)</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → Chapter; display group number 003.</li> <li>– Replace printed circuit board → Note for shift mechanism. → Continuously Variable Transmission; Rep. Gr.37</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Open circuit/short</li> </ul>	<ul style="list-style-type: none"> <li>– Check wiring and</li> </ul>

	circuit to B+ in the electrical wiring ♦ Open circuit/short circuit to B+ in the Tiptronic buttons on the multifunction steering wheel or in the wiring	harness connectors using wiring diagram.
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8) The Tiptronic switch -F189- consists of switches for recognition, upshift and downshift. It is integrated in the shift mechanism printed circuit board, i.e. if the Tiptronic switch -F189- is faulty, the printed circuit board has to be replaced.

Output at printer	Possible cause	Corrective action
18165 / P1757 Power supply Open circuit	♦ Open circuit in electrical wiring	– Check power supply for Transmission Control Module (TCM) Perform electrical test, → Chapter.
	♦ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

Output at printer	Possible cause	Corrective action
18169 / P1761 Shift lock solenoid -N110- → Note Short circuit to ground	♦ Short circuit to ground in electrical wiring ♦ Fuse faulty	– Perform Control element diagnosis / Output Diagnostic Test Mode (DTM) → Chapter. – Read Measured Value Block → Chapter; display group number 001. – Perform electrical test → Chapter. – Check wiring connections and harness

		connectors using wiring diagram.
	◆ Shift lock solenoid -N110- faulty	– Replace Shift lock solenoid -N110-. → Continuously Variable Transmission; Rep. Gr.38
	◆ Short circuit on shift mechanism printed circuit board	– Replace shift mechanism printed circuit board. → Continuously Variable Transmission; Rep. Gr.38
	◆ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

9) Shift lock solenoid -N110- is also described as selector lever lock solenoid.

Output at printer	Possible cause	Corrective action
18172 / P1764 Monitoring transmission temperature	◆ Clutch was overloaded, for example, as the result of repeated hill starts with a trailer	– Allow ATF to cool.
18173 / P1765 Automatic Transmission Hydraulic Pressure Sensor 2 -G194-  Adaptation limit reached	◆ Ignition switched off with vehicle coasting	– Erase DTC memory, switch ignition OFF and ON, read DTC memory again. If no other DTC has been entered, no malfunction is present.
	◆ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → Continuously Variable

		Transmission; Rep. Gr.38
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**Notes on DTC 18172 / P1764:**

- ◆ The DTC is displayed when clutch temperature is too high.
- ◆ Engine torque is automatically cut back until the temperature has fallen into the permissible operating range again.

Output at printer	Possible cause	Corrective action
18181 / P1773 Automatic Transmission Hydraulic Pressure Sensor 1 -G193- Signal too high	◆ Hydraulic unit contaminated or faulty	– Replace hydraulic unit and change ATF. → Continuously Variable Transmission; Rep. Gr.38
18183 / P1775 Automatic Transmission Hydraulic Pressure Sensor 1 -G193-  Adaptation limit reached	◆ Ignition switched off with vehicle coasting	– Erase DTC memory, switch ignition OFF and ON, read DTC memory again. If no other DTC has been entered, no malfunction is present
	◆ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

**Note on DTC 18181 / P1773:**

- ◆ If DTC 18201 / P1793 is displayed in addition, the sensor wheel may be faulty and the transmission must be replaced.

Output at printer	Possible cause	Corrective action
18185 / P1777 Automatic Transmission Hydraulic Pressure Sensor 2 -G194-		



Implausible signal	<ul style="list-style-type: none"> <li>◆ Flow rate in the ATF lines inadequate because ATF hoses were installed twisted, ATF filter is clogged or ATF lines are crushed</li> </ul>	<ul style="list-style-type: none"> <li>– Check routing of hoses and lines.</li> <li>– Replace ATF filter. → <b>Continuously Variable Transmission; Rep. Gr.37</b></li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Control Module (TCM) -J217- faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace Transmission Control Module (TCM). → <b>Continuously Variable Transmission; Rep. Gr.38</b></li> </ul>

Output at printer	Possible cause	Corrective action
18194 / P1786 Signal for back-up light Open circuit	<ul style="list-style-type: none"> <li>◆ Park/Neutral position (PNP) relay -J226- faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → <b>Chapter</b>; display group number 005.</li> <li>– Replace Park/Neutral position (PNP) relay - J226- → <b>Fig.</b>, → <b>Fig.</b></li> </ul>
	<ul style="list-style-type: none"> <li>◆ Open circuit in the electrical wiring</li> </ul>	<ul style="list-style-type: none"> <li>– Check wiring connections and harness connectors using wiring diagram.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Control Module (TCM) -J217- faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace Transmission Control Module (TCM). → <b>Continuously Variable Transmission; Rep. Gr.38</b></li> </ul>

Output at printer	Possible cause	Corrective action
18195 / P1787 Signal for back-up light Short circuit to ground	<ul style="list-style-type: none"> <li>◆ Park/Neutral position (PNP) relay -J226- faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → <b>Chapter</b>; display group number 005.</li> <li>– Replace Park/Neutral</li> </ul>

		position (PNP) relay - J226- → Fig., → Fig.
	♦ Short circuit to ground in electrical wiring	– Check wiring connections and harness connectors using wiring diagram.
	♦ Transmission Control Module (TCM) -J217-faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

Output at printer	Possible cause	Corrective action
18196 / P1788 Signal for back-up light Short circuit to B+	♦ Park/Neutral position (PNP) relay -J226-faulty	– Read Measured Value Block → Chapter; display group number 005. – Replace Park/Neutral position (PNP) relay - J226- → Fig., → Fig.
	♦ Short circuit to B+ in electrical wiring	– Check wiring connections and harness connectors using wiring diagram.
	♦ Transmission Control Module (TCM) -J217-faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

Output at printer	Possible cause	Corrective action
18198 / P1790 Signal for transmission range selector lever position display  Open circuit	♦ Harness connector not connected at instrument cluster ♦ Open circuit in electrical wiring	– Read Measured Value Block → Chapter; display group number 002. – Check wiring connections and harness connectors using

		wiring diagram.
	<ul style="list-style-type: none"> <li>◆ Transmission Range (TR) Display -Y6- in instrument cluster faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace instrument cluster → <b>Note:</b></li> <li>◆ → Electrical Equipment, through MY 2000; Rep. Gr.90</li> <li>◆ → Electrical Equipment, through MY 2000; Rep. Gr.90</li> <li>◆ → Electrical Equipment, from MY 2001; Rep. Gr.90</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Control Module (TCM) -J217- faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38</li> </ul>

<sup>10)</sup> The Transmission Range (TR) Display -Y6- is integrated in the instrument cluster and can only be replaced as a unit with the instrument cluster.

Output at printer	Possible cause	Corrective action
18199 / P1791 Signal for transmission range selector lever display  Short circuit to ground	<ul style="list-style-type: none"> <li>◆ Short circuit to ground in electrical wiring</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → <b>Chapter</b>; display group number 002.</li> <li>– Check wiring connections and harness connectors using wiring diagram.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Range (TR) Display -Y6- in instrument cluster faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace instrument cluster → <b>Note:</b></li> <li>◆ → Electrical Equipment, through MY 2000; Rep. Gr.90</li> <li>◆ → Electrical Equipment, through MY</li> </ul>

		<ul style="list-style-type: none"> <li>◆ 2000; Rep. Gr.90</li> <li>◆ → Electrical Equipment, from MY 2001; Rep. Gr.90</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Control Module (TCM) -J217-faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace Transmission Control Module (TCM).</li> <li>→ Continuously Variable Transmission; Rep. Gr.38</li> </ul>

11) The Transmission Range (TR) Display -Y6- is integrated in the instrument cluster and can only be replaced as a unit with the instrument cluster.

**Note on DTC 18199 / P1791:**

- ◆ No display in instrument cluster.

Output at printer	Possible cause	Corrective action
18200 / P1792 Signal for transmission range selector lever display  Short circuit to B+	<ul style="list-style-type: none"> <li>◆ Short circuit to B+ in electrical wiring</li> </ul>	<ul style="list-style-type: none"> <li>– Read Measured Value Block → Chapter; display group number 002.</li> <li>– Check wiring connections and harness connectors using wiring diagram.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Range (TR) Display -Y6- in instrument cluster faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Replace instrument cluster → Note:</li> <li>◆ → Electrical Equipment, through MY 2000; Rep. Gr.90</li> <li>◆ → Electrical Equipment, through MY 2000; Rep. Gr.90</li> <li>◆ → Electrical Equipment, from MY 2001; Rep. Gr.90</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Transmission Control Module (TCM) -J217-</li> </ul>	<ul style="list-style-type: none"> <li>– Replace Transmission Control Module</li> </ul>

	faulty	(TCM). → Continuously Variable Transmission; Rep. Gr.38
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<sup>12)</sup> The Transmission Range (TR) Display -Y6- is integrated in the instrument cluster and can only be replaced as a unit with the instrument cluster.

Output at printer	Possible cause	Corrective action
18201 / P1793 Transmission Output Speed (RPM) Sensor 2 -G196- No signal	◆ Hydraulic unit contaminated or faulty	– Replace hydraulic unit and change ATF. → Continuously Variable Transmission; Rep. Gr.38
18203 / P1795 Signal for road speed  Open circuit	◆ Open circuit in electrical wiring	– Read Measured Value Block → Chapter; display group number 001. – Check wiring connections and harness connectors using wiring diagram.
	◆ Instrument cluster faulty	– Read DTC memory for instrument cluster.
	◆ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

**Note on DTC 18201 / P1793:**

- ◆ If DTC 18181 / P1773 is displayed in addition, the sensor wheel may be faulty and the transmission must be replaced.

Output at printer	Possible cause	Corrective action

18204 / P1796 Signal for road speed  Short circuit to ground	♦ Short circuit to ground in electrical wiring	– Read Measured Value Block → Chapter; display group number 001.  – Check wiring connections and harness connectors using wiring diagram.
	♦ Instrument cluster faulty	– Read DTC memory for instrument cluster.
	♦ Transmission Control Module (TCM) -J217-faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

Output at printer	Possible cause	Corrective action
18205 / P1797 Signal for road speed  Short circuit to B+	♦ Short circuit to B+ in the electrical wiring	– Read Measured Value Block → Chapter; display group number 001.  – Check wiring connections and harness connectors using wiring diagram.
	♦ Instrument cluster faulty	– Read DTC memory for instrument cluster.
	♦ Transmission Control Module (TCM) -J217-faulty	– Replace Transmission Control Module (TCM). → Continuously Variable Transmission; Rep. Gr.38

Output at printer	Possible cause	Corrective action
18206 / P1798 Transmission Output Speed (RPM) Sensor 2 - G196- Implausible signal	◆ Incorrect transmission installed → <b>Note</b>	– Compare code letters on transmission with code letters in Repair Manual: → <b>Continuously Variable Transmission; Rep. Gr.00</b>
	◆ Hydraulic unit contaminated or faulty	– Replace hydraulic unit and change ATF. → <b>Continuously Variable Transmission; Rep. Gr.38</b>

<sup>13)</sup> This DTC is displayed if an incorrect transmission has been installed, i.e. if a transmission for a 1.8 liter engine was mistakenly installed in a vehicle with a 3.0 liter engine.

Output at printer	Possible cause	Corrective action
18221 / P1813 Automatic Transmission Pressure Regulating Valve 1 -N215- Electrical malfunction in circuit	◆ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → <b>Continuously Variable Transmission; Rep. Gr.38</b>
	◆ Pressure control valve faulty	– Replace hydraulic unit. → <b>Continuously Variable Transmission; Rep. Gr.38</b>
18226 / P1818 Automatic Transmission Pressure Regulating Valve 2 -N216- Electrical malfunction in circuit	◆ Transmission Control Module (TCM) -J217- faulty	– Replace Transmission Control Module (TCM). → <b>Continuously Variable Transmission; Rep.</b>

		Gr.38
	◆ Pressure control valve faulty	– Replace hydraulic unit. → Continuously Variable Transmission; Rep. Gr.38

Output at printer	Possible cause	Corrective action
18249 / P1841 Engine Control Module (ECM)/Transmission Control Module (TCM) Versions do not match	◆ Incorrect Transmission Control Module (TCM) installed or incorrectly coded → Note	– Check Engine Control Module (ECM) identification number → Anchor.
	◆ Incorrect or faulty Engine Control Module (ECM)	– Check Engine Control Module (ECM) identification number and read DTC memory.

<sup>14)</sup> Code 0000 is displayed in the Transmission Control Module (TCM) identification number → Anchor.

Output at printer	Possible cause	Corrective action
18258 / P1850 Data bus drive → Note Missing message from Engine Control Module (ECM)	◆ Open circuit in CAN bus circuit	– Read Measured Value Block → Chapter; display group number 125. – Check CAN bus → Chapter.
18259 / P1851 Data bus drive → Note Missing message from ABS control module	◆ Open circuit in CAN bus circuit	– Read Measured Value Block → Chapter; display group number 125. – Check CAN bus → Chapter.





- ◆ The exchange of data and information between the Engine Control Module (ECM), ABS control module, Transmission Control Module (TCM) and instrument cluster is carried out over what is called a CAN bus. All information signals are transmitted over 2 leads.

Output at printer	Possible cause	Corrective action
18265 / P1857 Load signal  Error message from Engine Control Module (ECM)	<ul style="list-style-type: none"> <li>◆ Error in "Signal for Actual Engine Torque" diagnosed by Engine Control Module (ECM)</li> </ul>	<ul style="list-style-type: none"> <li>– Read Engine Control Module (ECM) DTC memory and repair malfunction.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Incorrect or faulty Engine Control Module (ECM) or engine components faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Check Engine Control Module (ECM) identification number and read DTC memory</li> </ul>

#### Notes on DTC 18265 / P1857:

- ◆ The signal for actual engine torque is transmitted from the Engine Control Module (ECM) over the CAN bus lead to the Transmission Control Module (TCM).
- ◆ Conditions for DTC recognition: The malfunction in the component in question is diagnosed by the Engine Control Module (ECM). This diagnosis is transmitted over the CAN bus circuit to the Transmission Control Module (TCM).

Output at printer	Possible cause	Corrective action
18269 / P1861 Throttle Position (TP) Sensor -G79-  Error message from Engine Control Module (ECM)	<ul style="list-style-type: none"> <li>◆ Open circuit or short circuit between accelerator pedal module and Engine Control Module (ECM)</li> </ul>	<ul style="list-style-type: none"> <li>– Check wiring connections and harness connectors using wiring diagram.</li> </ul>
	<ul style="list-style-type: none"> <li>◆ Accelerator pedal module faulty</li> </ul>	<ul style="list-style-type: none"> <li>– Check Engine Control Module (ECM) DTC memory and repair malfunction.</li> </ul>

#### Notes on DTC 18269 / P1861:

- ◆ Both sensors for throttle position/accelerator pedal position (-G79-/-G185-) are integrated in the accelerator pedal module.

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Output at printer	Possible cause	Corrective action
18270 / P1862 Data bus drive → <b>Note</b>  Missing message from instrument cluster	♦ Open circuit in CAN bus circuit	– Read Measured Value Block → <b>Chapter</b> ; display group number 125.  – Check CAN bus → <b>Chapter</b> .

<sup>17)</sup> The data bus is also described as a CAN bus.

#### Notes on DTC 18270 / P1862:

- ♦ Condition for DTC recognition: The Transmission Control Module is not receiving a message from the Engine Control Module (ECM). However, communication with the ABS control module is working.
- ♦ The exchange of data and information between the Engine Control Module (ECM), ABS control module, Transmission Control Module (TCM) and instrument cluster is carried out over what is called a CAN bus. All information signals are transmitted over 2 wires.