

**DIAGNOSIS**

1. P/TRUNK..... 3





**P/TRUNK**

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**DIAGNOSIS**

**1. P/TRUNK**

Function	System component	DTC	Description
<b>Power Trunk Monitoring</b>	<b>Power striker</b>	<b>0</b>	<b>Faulty power striker</b>
	<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The micro switch is malfunctioning.</li> <li>- The power striker/motor is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring and connector for proper connection.</li> <li>- Replace the power striker.</li> </ul>		
	<b>Power latch</b>	<b>1</b>	<b>Faulty power latch</b>
	<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The micro switch is malfunctioning.</li> <li>- The power latch motor is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring and connector for proper connection.</li> <li>- Replace the power latch.</li> </ul>		
	<b>DC-Gear motor</b>	<b>2</b>	<b>Faulty DC-gear motor</b>
<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The hall sensor is malfunctioning.</li> <li>- The DC-gear motor is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring and connector for proper connection.</li> <li>- Replace the DC-gear motor.</li> </ul>			
<b>Power trunk lid</b>	<b>3</b>	<b>Faulty power trunk lid</b>	
<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The PTL ECU is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring for proper connection.</li> <li>- Replace the PTL ECU.</li> </ul>			

Modification basis	
Application basis	
Affected VIN	

- ECU-GASOLIN
- ECU-DIESEL
- BRAKE
- AIR-BAG
- CCCS
- FATC
- FFH
- P/TRUNK**
- RAIN SENSOR
- STICS
- TC
- TCU
- TGS LEVER

Function	System component	DTC	Description
<b>Power Trunk Monitoring</b>	<b>Battery</b>	<b>4</b>	<b>Low battery voltage</b>
	<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The battery is defective.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring for proper connection.</li> <li>- Check the battery and replace it if necessary.</li> </ul>		
	<b>CAN communication</b>	<b>5</b>	<b>Faulty CAN communication</b>
	<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The CAN communication is malfunctioning.</li> <li>- The PTL ECU is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring for proper connection.</li> <li>- Replace the PTL ECU.</li> </ul>		
	<b>Power trunk</b>	<b>6</b>	<b>Faulty usage</b>
	<p><b>Cause</b></p> <ul style="list-style-type: none"> <li>- If the DC-gear motor is operated 7 times within 2 minutes, it is considered as misuse and overheated DC-gear motor.</li> </ul> <p><b>Action</b></p> <ul style="list-style-type: none"> <li>- The system resumes its operation in 90 seconds.</li> </ul>		
	<b>PTL ECU</b>	<b>7</b>	<b>Faulty temperature detection of unit</b>
	<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The internal temperature sensor in the PTL ECU is malfunctioning.</li> <li>- The PTL ECU is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring for proper connection.</li> <li>- Replace the PTL ECU.</li> </ul>		
<b>PTL ECU</b>	<b>8</b>	<b>Faulty temperature detection of unit</b>	
<p><b>Causes</b></p> <ul style="list-style-type: none"> <li>- The related wiring is damaged.</li> <li>- The connector is poorly connected or damaged.</li> <li>- The power trunk lamp is malfunctioning.</li> <li>- The PTL ECU is malfunctioning.</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Check the related wiring for proper connection.</li> <li>- Replace the power trunk lamp.</li> <li>- Replace the PTL ECU.</li> </ul>			

Modification basis	
Application basis	
Affected VIN	