05BBL–01

PROBLEM SYMPTOMS TABLE

If a normal code is displayed during the DTC check but the problem still occurs, check the circuits for each problem symptom in the order given in the table below and proceed to the relevant troubleshooting page.

Symptom	Suspected Area	See Page
ES start function does not operate	1. Operation have failed	–
	2. ES start indicator does not come on and buzzer does not sound when ignition switch is turned ON	05–282
	3. Function of initial setting, zero point adjustment and diagnosis indication, etc. operate	05–270
	4. Unperformed adjustment warning function is operating	
	• Perform the initial setting	05–270
	5. Trouble warning function is operating	
	• Analyze problem by diagnosis function	05–270
	6. Stop lamp switch	–
	7. Parking brake switch	–
	8. Speedometer sensor	–
	9. Clutch stroke sensor	–
	10.Hill holder brake lock valve	–
	11.Brake line	–
	12.Hill holder ECU	05–279
ES start function does not cancel the brakes	1. Operation have failed	–
	2. Unperformed adjustment warning function is operating	
	• Perform the initial setting	05–270
	3. Trouble warning function is operating	
	• Securely set parking brake and analyze problem by diagnosis function	05–270
	4. Driver's seat vacant warning function is operating	
	• Securely engage parking brake	–
	5. Vehicle moving warning function is operating	
	• Securely engage parking brake and increase foot pressure applied to brake pedal	–
	6. Operation time information function is operating	
	• Securely engage parking brake and increase foot pressure applied to brake pedal	–
	7. Neutral start switch (A/T)	–
	8. Back–up lamp switch	–
	9. Clutch stroke sensor	–
	10.Hill holder brake lock valve	–
	11.Brake line	–
	12.Hill holder ECU	05–279
ES start function does not cancel the brakes (Cancellation by parking brake)	1. Operation have failed	–
	2. Parking brake switch	–
	3. Hill holder brake lock valve	–
	4. Brake line	–
	5. Hill holder ECU	05–279
ES start function does not cancel the brakes (Cancellation by ES start main switch)	1. Operation have failed	–
	2. ES start main switch	–
	3. Hill holder brake lock valve	–
	4. Brake line	–
	5. Hill holder ECU	05–279

Cancel position initial setting is impossible (It does not enter into initial setting mode)	1. Operation have failed 2. The following conditions are not satisfied: • ES start function • Zero point adjustment function • Cancel position adjustment function • Other functions 3. Warning function is operating 4. Parking brake switch 5. ES start main switch 6. ES start timing switch 7. Hill holder ECU	– – – – – – – – – 05–279
Cancel position initial setting is impossible (It enters into initial setting mode)	1. Operation have failed 2. Neutral start switch (A/T) 3. Back–up lamp switch 4. Clutch stroke sensor 5. ES start timing switch 6. Hill holder ECU	– – – – – 05–279
Zero point adjustment of the gradient sensor is impossible (It does not enter into zero point adjustment mode)	1. Operation have failed 2. The following conditions are not satisfied: • ES start function • Zero point adjustment function • Cancel position adjustment function • Other functions 3. Warning function is operating 4. Parking brake switch 5. ES start main switch 6. ES start timing switch 7. Hill holder ECU	– – – – – – – – – 05–279
Zero point adjustment of the gradient sensor is impossible (It enters into zero point adjustment mode)	1. Operation have failed 2. ES start timing switch 3. Hill holder ECU	– – 05–279
Brake is dragged when the vehicle is started	1. Make the cancel position adjustment by the fast timing switch 2. Perform the cancel position initial setting 3. Hill holder brake lock valve 4. Brake line 5. Hill holder ECU	05–270 05–270 – – 05–279
Vehicle lags behind when started	1. Make the cancel position adjustment by the slow timing switch 2. Perform the cancel position initial setting 3. Hill holder brake lock valve 4. Brake line 5. Hill holder ECU	05–270 05–270 – – 05–279