

FAIL-SAFE CHART

1. AFS ECU

HINT:

- The AFS ECU performs fail-safe when detecting the following troubles. The AFS OFF indicator light on the combination meter comes on at the same time.
- If the AFS OFF indicator light comes on, inspect and repair in accordance with the "DIAGNOSTICS TROUBLE CODE CHART" and "PROBLEM SYMPTOMS TABLE" (see page 05-1404 or 05-1369).

Trouble Area	Headlamp Leveling Motor	Swivel Actuator	AFS OFF indicator light
Vehicle speed sensor signal malfunction (One side)	Control continues	Stops operation after returning to initial position	Blinks (*1)
Vehicle speed sensor signal malfunction (Both side)	Control continues supposing the vehicle is stopped	Stops operation after returning to initial position	Blinks (*1)
Vehicle height signal malfunction	<ul style="list-style-type: none"> • Stops operation after returning to initial position (Fail occurs at higher than initial position) • Stops at current position (Fail occurs at lower than initial position) 	Stops operation after returning to initial position	Blinks (*1)
Leveling actuator malfunction	<ul style="list-style-type: none"> • Stops operation after returning to initial position (Fail occurs at higher than initial position) (*2) • Stops at current position (Fail occurs at lower than initial position) (*2) 	Stops operation after returning to initial position	Blinks (*1)
Steering sensor malfunction	Lower by 0.8° than current position and controlling continues. Then normal controlling starts after swivel actuator returns to front.	Stops at current position and then returns to initial position after 10 seconds	Blinks (*1)
Communication signal malfunction (HEAD signal)	Control continues	Stops operation after returning to initial position	Blinks (*1)
Communication signal malfunction (Generator signal and vehicle speed signal)	Control continues	Controlling continues	Blinks (*1)
Communication signal malfunction (Shift position signal)	Control continues	Stops operation after returning to initial position	Blinks (*1)
Communication signal malfunction (Steering sensor calibration signal)	Control continues	Stops operation after returning to initial position	Blinks (*1)
Swivel actuator action malfunction	Low 0.8° from current position and controlling continues	Stops operation after returning to initial position (Stops at current condition when unable to operate)	Blinks (*1)
Swivel actuator sensor signal malfunction	Controlling continues	Stops at initial position	Blinks (*1)

*1: Blinks 4 times/second

*2: Inoperative side stops at current position