Hyundai Kona: Dual Clutch Transmission Control System / Inhibitor Switch Troubleshooting

Fault Diagnosis

Fault Diagnosis for Symptom

Major Symptom	Expected Cause	Items to Check and Measures
Shift lever not operating Gear not marked on cluster Shock occurs while shifting lever Warning lamp ON Engine OFF while vehicle is parked	Inhibitor switch circuit abnormal Inhibitor switch function abnomal	Check the inspection FLOW and replace the inhibitor switch
	Inhibitor switch "N" setting faulty	Adjust "N" setting using "N" setting jig (Refer to Dual Clutch Transmission Control System - "Inhibitor Switch")
	Shift cable separation faulty	Adjust shift cable separation (Refer to Dual Clutch Transmission Control System - "Inhibitor Switch")
	Poor ground condition on reversing light circuit	Check the ground condition on reversing light and retighten it
	Inhibitor switch vehicle side circuit abnormal	Check the connection of junction box power terminal, fuse (TCU) terminal and replace the junction box or adjust the gap
		Check inside the inhibitor switch connector for foreign substance and whether terminal is bent
	Poor ground condition on inhibitor switch wire	Check the ground condition of wire and retighten it
	Poor inhibitor unit (disconnection/short-circuit)	Replace inhibitor switch (Refer to Inhibitor Switch Inspection)

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