DTC	P0A1D/134	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/135	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/139	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/140	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/141	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/143	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/144	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/145	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/148	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/149	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/150	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/151	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/152	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/155	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/156	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/158	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/159	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/160	HYBRID POWERTRAIN CONTROL MODULE

DTC	P0A1D/163	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/164	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/165	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/166	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/167	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/168	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/177	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/178	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/180	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/181	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/182	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/183	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/184	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/185	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/186	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/187	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/188	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/189	HYBRID POWERTRAIN CONTROL MODULE

DTC	P0A1D/192	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/193	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/195	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/196	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/197	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/198	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/199	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/200	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/392	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/393	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/511	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/512	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/564	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/565	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/567	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/570	HYBRID POWERTRAIN CONTROL MODULE
DTC	P0A1D/615	HYBRID POWERTRAIN CONTROL MODULE

CIRCUIT DESCRIPTION

The HV control ECU performs self–checks to detect an internal operating malfunction in the ECU.

DTC No.	INF Code	DTC Detection Condition	Trouble Area
P0A1D	134 135 139 140 141 143 144 145 148 149 150 151 152 155 156 158 159 160 163 164 165 166 167 168 177 178 180 181 182 183 184 185 186 187 188 189 192 193 195 196 197 198 199 200 392 393 511 512 564 565 567 570 615	HV control ECU internal error	• HV control ECU

INSPECTION PROCEDURE

If any of the above information (INF) codes is present, replace the HV control ECU.

REPLACE HYBRID VEHICLE CONTROL ECU (See page 21–128)