

65.Engine Wiring Harness and Transmission Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-3	B21	Bulkhead wiring harness
E3	16	Brown	A-4	B22	
E4	2	Blue	A-3		Purge control solenoid valve
E5	2	Dark gray	B-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	A-3		Engine coolant temperature sensor
E10	3	Black	B-4		Crankshaft position sensor
E11	1	—	B-3		Oil pressure switch
E14	2	Black	B-4		Knock sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E18	6	Dark gray	A-3		EGR control valve
E21	3	Black	A-3		Manifold absolute pressure sensor
E24	4	Light gray	B-2		Front oxygen (A/F) sensor
E25	4	Black	B-2		Rear oxygen sensor
E31	3	Black	B-2		Ignition coil No. 1
E32	3	Black	C-4		Ignition coil No. 2
E33	3	Black	A-2		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E35	3	Light gray	C-4		Intake camshaft position sensor LH
E36	3	Light gray	B-1		Intake camshaft position sensor RH
E37	2	Black	C-4		Intake oil control solenoid LH
E38	2	Black	B-1		Intake oil control solenoid RH
E51	5	Light gray	B-4		Tumble generator valve actuator LH
E55	5	Light gray	A-3		Tumble generator valve actuator RH
E57	6	Black	B-4		Electronic throttle control
E62	3	Light gray	B-2		Exhaust camshaft position sensor RH
E63	2	Black	B-1		Exhaust oil control solenoid RH
E65	3	Light gray	C-4		Exhaust camshaft position sensor LH
E66	2	Black	C-4		Exhaust oil control solenoid LH
E75	2	Black	B-3		Engine oil temperature sensor
E130	1	★	C-3		Oil level switch
E163	5	Black	A-3		ISG

★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	16	Brown	C-3	B12	Bulkhead wiring harness
T4	12	Light gray	C-3	B11	
T7	9	Black	D-3		Inhibitor switch
T11	10	★	D-3		Control valve body
T32	20	Gray	C-2	B603	Bulkhead wiring harness
T33	3	Black	D-3		Front wheel speed sensor
AT4	3	Dark gray	D-4		Secondary speed sensor
AT5	3	Light gray	D-3		Turbine speed sensor
AT6	3	Black	D-4		Secondary pressure sensor

WIRING SYSTEM

WI(HEV)-238