

55.Engine Wiring Harness and Transmission Cord

A: LOCATION

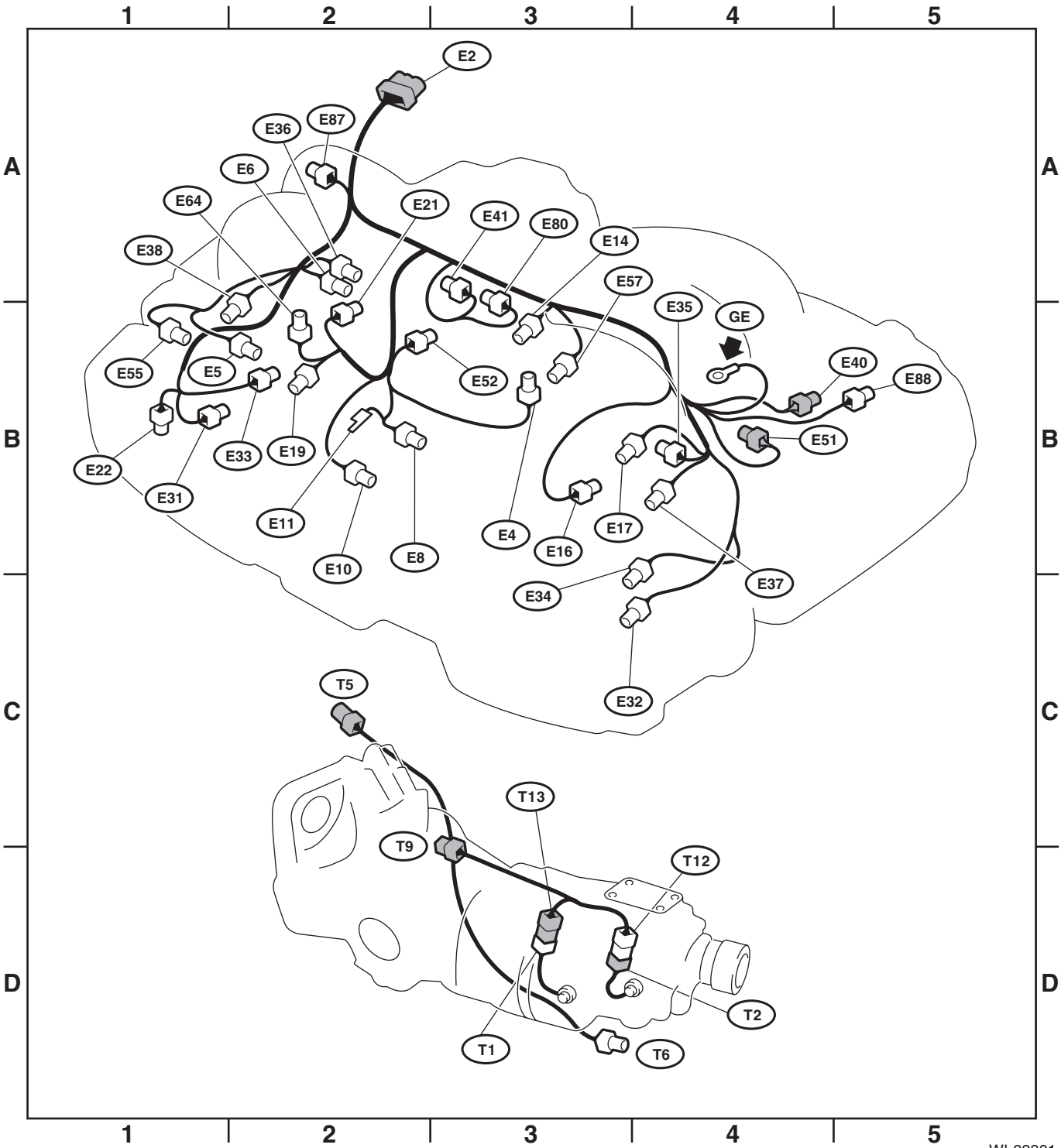
1. WITHOUT SI-DRIVE

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-2	B21	Bulkhead wiring harness
E4	2	Black	B-3		Purge control solenoid valve 1
E5	2	Dark gray	B-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	—	B-2		Oil pressure switch
E14	2	Light gray	B-3		Knock sensor
E16	2	Dark gray	B-3		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	B-2		Manifold absolute pressure sensor
E22	4	Dark gray	B-1		Front oxygen (A/F) sensor
E31	3	Gray	B-1		Ignition coil No. 1
E32	3	Gray	C-4		Ignition coil No. 2
E33	3	Gray	B-2		Ignition coil No. 3
E34	3	Gray	C-4		Ignition coil No. 4
E35	3	Light gray	B-4		Camshaft position sensor LH
E36	3	Light gray	A-2		Camshaft position sensor RH
E37	2	Blue	B-4		Oil flow control solenoid valve LH
E38	2	Blue	B-2		Oil flow control solenoid valve RH
E40	2	Black	B-4		Secondary air combination valve LH
E41	6	Black	A-3		Secondary air combination valve RH
E51	5	Light gray	B-4		Tumble generator valve assembly LH
E52	2	Black	B-2		Purge control solenoid valve 2
E55	5	Light gray	B-1		Tumble generator valve assembly RH
E57	6	Black	B-3		Electronic throttle control
E64	2	Blue	B-2		Wastegate control solenoid valve
E80	2	Dark gray	B-3		Leak diagnosis connector 1
E87	2	Dark gray	A-2		Leak diagnosis connector 2
E88	2	Dark gray	B-5		Leak diagnosis connector 3
★ : White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Gray	D-3	T13	Transmission cord
T2	2	Brown	D-3	T12	
T5	4	Dark gray	C-2	B19	Bulkhead wiring harness
T6	4	Dark gray	D-3		Rear oxygen sensor
T9	4	Gray	D-3	B128	Bulkhead wiring harness
T12	2	Brown	D-3	T2	Neutral position switch
T13	2	Gray	D-3	T1	Back-up light switch

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WIRING SYSTEM



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2. WITH SI-DRIVE

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-2	B21	Bulkhead wiring harness
E4	2	Black	B-2		Purge control solenoid valve 1
E5	2	Dark gray	A-1		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	—	B-2		Oil pressure switch
E14	2	Light gray	A-3		Knock sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Manifold absolute pressure sensor
E31	3	Gray	A-1		Ignition coil No. 1
E32	3	Gray	B-4		Ignition coil No. 2
E33	3	Gray	A-2		Ignition coil No. 3
E34	3	Gray	B-5		Ignition coil No. 4
E35	3	Light gray	A-4		Intake camshaft position sensor LH
E36	3	Light gray	A-2		Intake camshaft position sensor RH
E37	2	Blue	B-4		Intake oil flow control solenoid valve LH
E38	2	Blue	A-2		Intake oil flow control solenoid valve RH
E40	6	Black	A-4		Secondary air combination valve LH
E41	2	Black	A-3		Secondary air combination valve RH
E51	5	Light gray	B-5		Tumble generator valve assembly LH
E52	2	Black	B-2		Purge control solenoid valve 2
E55	5	Light gray	A-2		Tumble generator valve assembly RH
E57	6	Black	A-3		Electronic throttle control
E62	3	Light gray	B-1		Exhaust camshaft position sensor RH
E63	2	Blue	B-1		Exhaust oil flow control solenoid valve RH
E64	2	Blue	A-3		Wastegate control solenoid valve
E65	3	Light gray	B-4		Exhaust camshaft position sensor LH
E66	2	Blue	B-3		Exhaust oil flow control solenoid valve LH
E80	2	Dark gray	A-3		Leak diagnosis connector 1
E87	2	Dark gray	B-3		Leak diagnosis connector 2

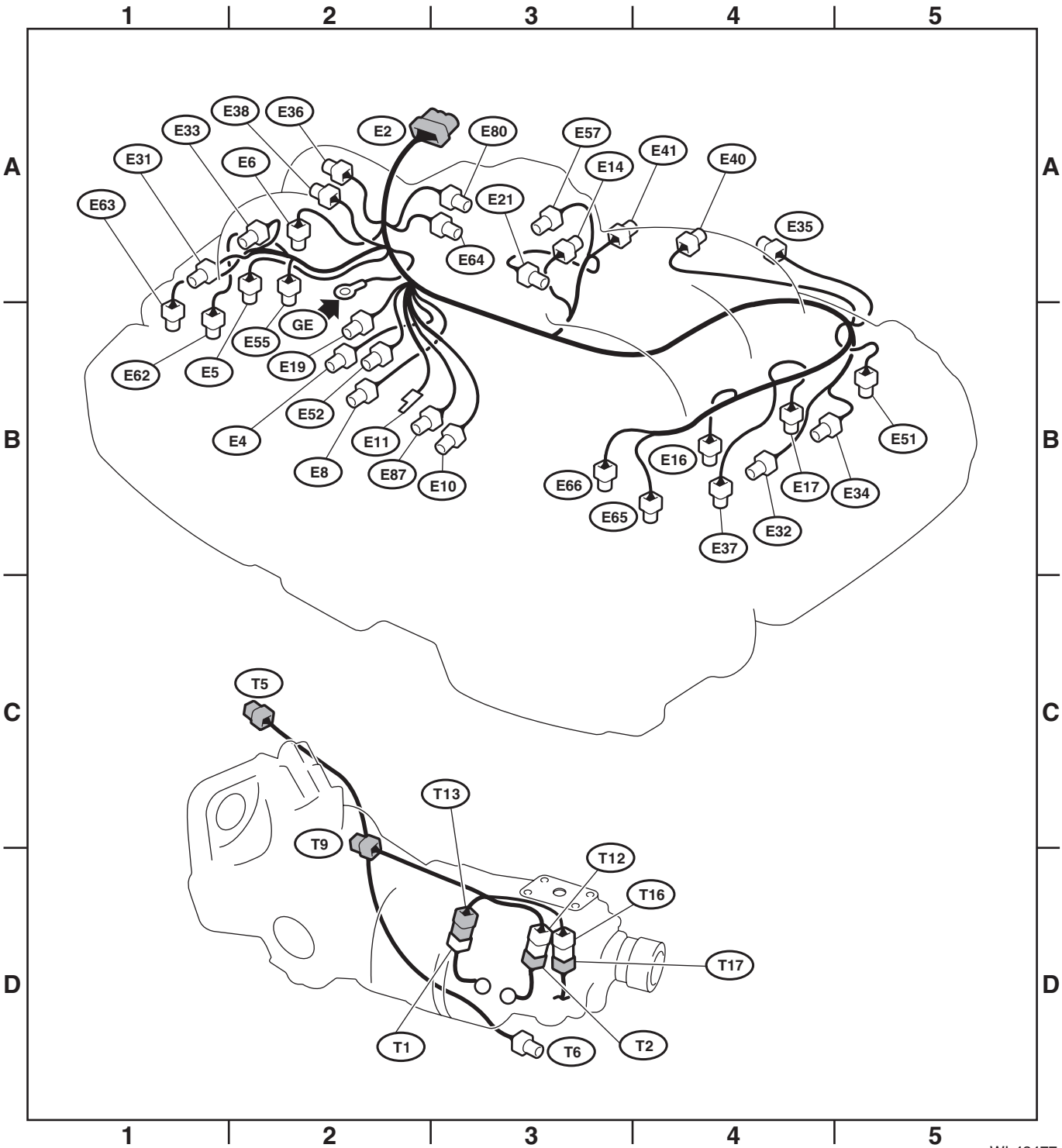
★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Gray	D-3	T13	Transmission cord
T2	2	Brown	D-3	T12	
T5	4	Dark gray	C-2	B19	Bulkhead wiring harness
T6	4	Dark gray	D-3		Rear oxygen sensor
T9	6	Gray	C-2	B128	Bulkhead wiring harness
T12	2	Brown	D-3	T2	Neutral position switch
T13	2	Gray	D-3	T1	Back-up light switch
T16	2	★	D-3	T17	Center differential wiring harness
T17	2	★	D-3	T16	Transmission cord

★ : White or natural color

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WI-42477