

# Engine Wiring Harness and Transmission Cord

## WIRING SYSTEM

### 66.Engine Wiring Harness and Transmission Cord

#### A: LOCATION

##### 1. ENGINE TYPE FA

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AT1	3	GR	D-4		Primary speed sensor
AT4	3	B	D-5		Secondary speed sensor
AT5	3	GR	D-5		Front wheel speed sensor
AT6	3	B	D-4		Secondary pressure sensor
AT7	3	B	C-5		Rear wheel speed sensor
E3	16	BR	A-4	B22	Bulkhead wiring harness
E4	2	L	A-3		Purge control solenoid valve 1
E5	2	GR	B-2		Fuel injector No. 1
E6	2	GR	B-3		Fuel injector No. 3
E8	2	B	B-3		Engine coolant temperature sensor
E10	3	B	B-4		Crankshaft position sensor
E11	1	—	B-3		Oil pressure switch
E14	2	B	B-3		Knock sensor RH
E16	2	GR	B-4		Fuel injector No. 2
E17	2	GR	B-4		Fuel injector No. 4
E18	6	GR	A-3		EGR control valve
E24	6	B	C-3		Front oxygen (A/F) sensor
E25	4	G	C-4		Rear oxygen sensor
E31	3	B	B-2		Ignition coil No. 1
E32	3	B	B-4		Ignition coil No. 2
E33	3	B	B-3		Ignition coil No. 3
E34	3	B	B-5		Ignition coil No. 4
E35	3	GR	B-4		Intake camshaft position sensor LH
E36	3	GR	B-2		Intake camshaft position sensor RH
E37	2	B	B-4		Intake oil control solenoid LH
E38	2	B	B-2		Intake oil control solenoid RH
E48	2	B	B-4		Knock sensor LH
E51	5	GR	B-5		Tumble generator valve actuator LH
E52	2	B	A-3		Purge control solenoid valve 2
E55	5	GR	A-3		Tumble generator valve actuator RH
E57	6	B	B-4		Electronic throttle control
E62	3	GR	B-2		Exhaust camshaft position sensor RH
E63	2	B	B-2		Exhaust oil control solenoid RH
E64	2	B	B-2		Wastegate control solenoid valve
E65	3	GR	C-4		Exhaust camshaft position sensor LH
E66	2	B	C-4		Exhaust oil control solenoid LH
E75	2	B	B-3		Engine oil temperature sensor
E124	4	B	A-4		Manifold absolute pressure and intake air temperature sensor
E130	1	★	C-3		Oil level switch
E158	48	B	A-2		ECM
E159	32	GR	A-2		
E160	2	B	B-4		High-pressure fuel pump
E162	3	B	A-3		Fuel pressure sensor

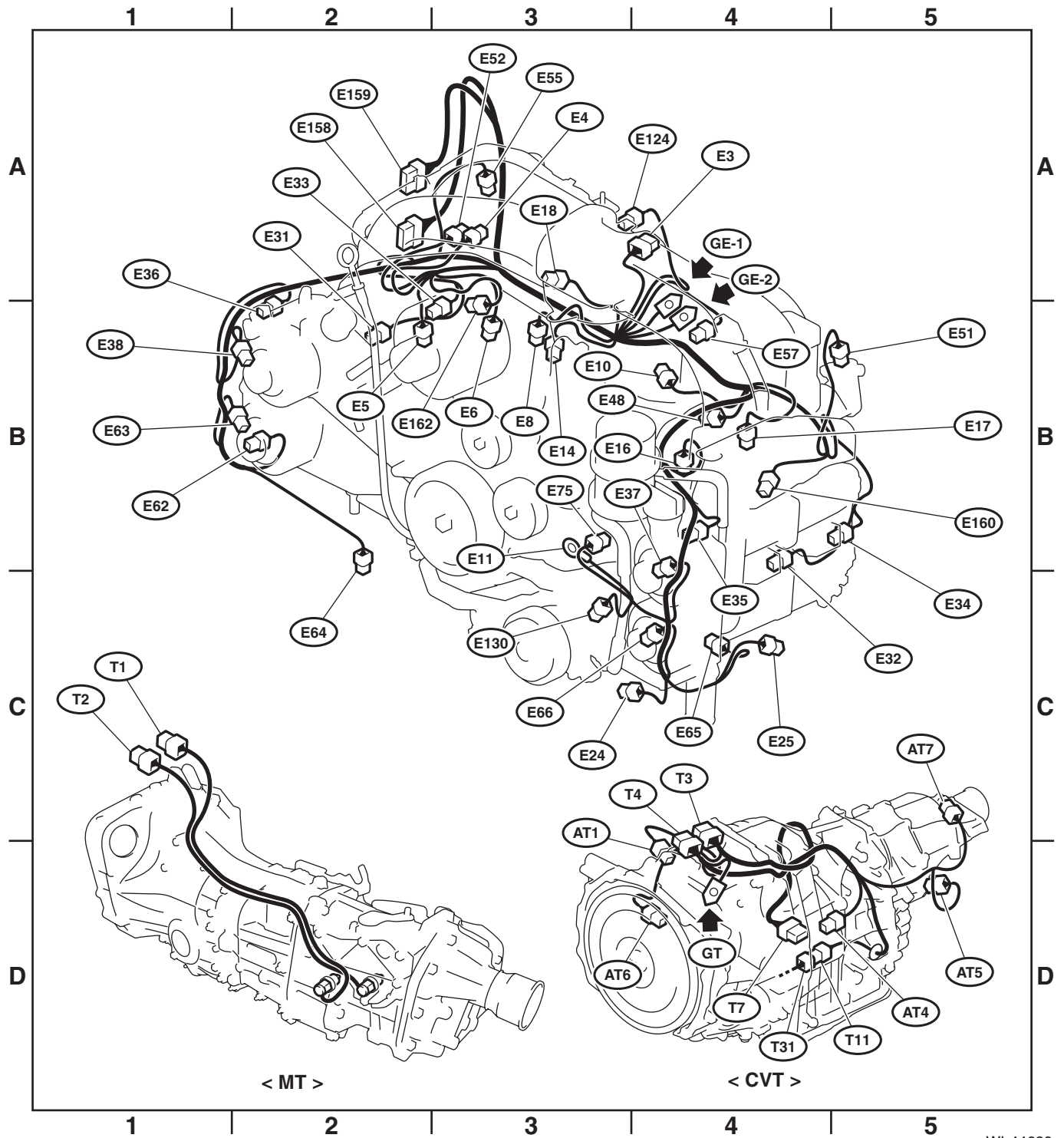
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Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	GR	C-1	B24	Bulkhead wiring harness
T2	2	BR	C-1	B25	
T3	12	B	C-4	B12	
T4	20	GR	C-4	B11	
T7	9	B	D-4		Inhibitor switch
T11	8	★	D-4	T31	Control valve body
T31	8	Y	D-4	T11	Transmission cord
★ : White or natural color					

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WI-44620

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WIRING SYSTEM

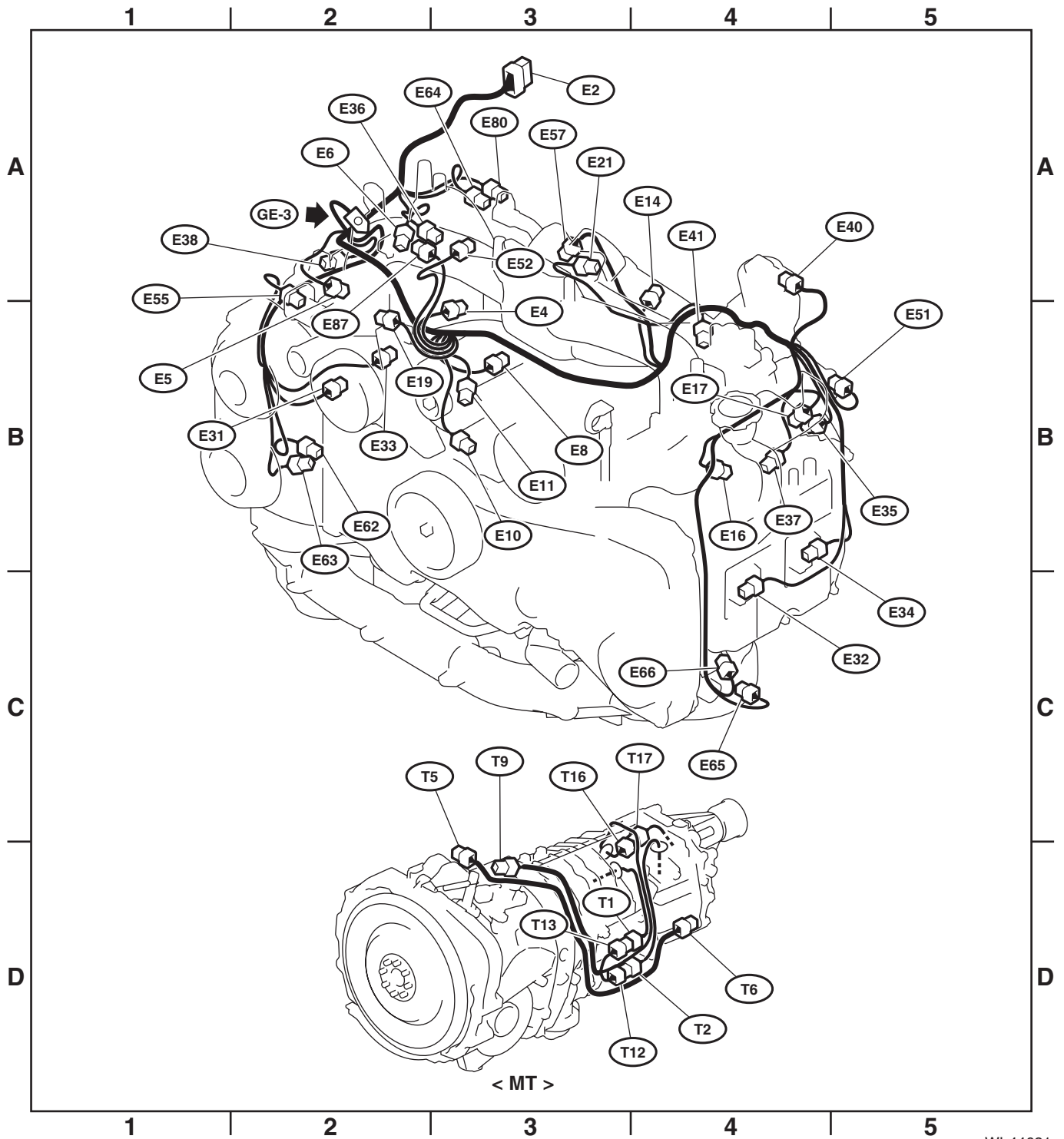
## 2. ENGINE TYPE EJ

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	B	A-3	B21	Bulkhead wiring harness
E4	2	B	B-3		Purge control solenoid valve 1
E5	2	GR	A-2		Fuel injector No. 1
E6	2	GR	A-2		Fuel injector No. 3
E8	2	B	B-3		Engine coolant temperature sensor
E10	2	GR	B-3		Crankshaft position sensor
E11	1	—	B-3		Oil pressure switch
E14	2	GR	A-4		Knock sensor
E16	2	GR	B-4		Fuel injector No. 2
E17	2	GR	B-4		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E21	3	B	A-3		Manifold absolute pressure sensor
E31	3	GR	B-2		Ignition coil No. 1
E32	3	GR	C-4		Ignition coil No. 2
E33	3	GR	B-2		Ignition coil No. 3
E34	3	GR	B-4		Ignition coil No. 4
E35	3	GR	B-4		Intake camshaft position sensor LH
E36	3	GR	A-3		Intake camshaft position sensor RH
E37	2	L	B-4		Intake oil flow control solenoid valve LH
E38	2	L	A-2		Intake oil flow control solenoid valve RH
E40	6	B	A-4		Secondary air combination valve LH
E41	2	B	B-4		Secondary air combination valve RH
E51	5	GR	B-5		Tumble generator valve actuator LH
E52	2	B	A-3		Purge control solenoid valve 2
E55	5	GR	A-2		Tumble generator valve actuator RH
E57	6	B	A-3		Electronic throttle control
E62	3	GR	B-2		Exhaust camshaft position sensor RH
E63	2	L	B-2		Exhaust oil flow control solenoid valve RH
E64	2	L	A-3		Wastegate control solenoid valve
E65	3	GR	C-4		Exhaust camshaft position sensor LH
E66	2	L	C-4		Exhaust oil flow control solenoid valve LH
E80	2	GR	A-3		Leak diagnosis connector 1
E87	2	GR	A-2		Leak diagnosis connector 2
T1	2	GR	D-4	T13	Transmission cord
T2	2	BR	D-4	T12	
T5	4	GR	D-3	B19	Bulkhead wiring harness
T6	4	GR	D-4		Rear oxygen sensor
T9	6	GR	D-3	B128	Bulkhead wiring harness
T12	2	BR	D-3	T2	Neutral position switch 1
T13	2	GR	D-3	T1	Back-up light switch
T16	2	★	D-3	T17	Center differential
T17	2	★	D-4	T16	Transmission cord

★ White or natural color

# Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



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