

## 56.Engine Wiring Harness and Transmission Cord

### A: LOCATION

#### 1. NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E3	54	Black	A-4	B22	Bulkhead wiring harness
E4	2	Black	A-3		CPC Solenoid
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-3		Fuel injector No. 3
E8	3	Light gray	A-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-3		Ignition coil and ignitor
E14	2	Gray	A-4		Knock sensor
E15	2	Gray	B-4		Camshaft position 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-4		EGR solenoid valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor
E22	4	Dark gray	A-2		Rear oxygen sensor
E23	6	Black	A-2		Front oxygen (A/F) sensor
E57	6	Black	A-3		Electronic throttle control
E61	2	Dark gray	A-4		PCV diagnosis connector
E69	2	Blue	A-3		Oil switching solenoid valve RH
E70	2	Blue	B-4		Oil switching solenoid valve LH
E71	1	★	A-3		Variable valve lift diagnosis oil pressure switch RH
E72	1	★	B-4		Variable valve lift diagnosis oil pressure switch LH
E75	2	Black	B-3		Oil temperature sensor

★ : White or natural color

# Engine Wiring Harness and Transmission Cord

## WIRING SYSTEM

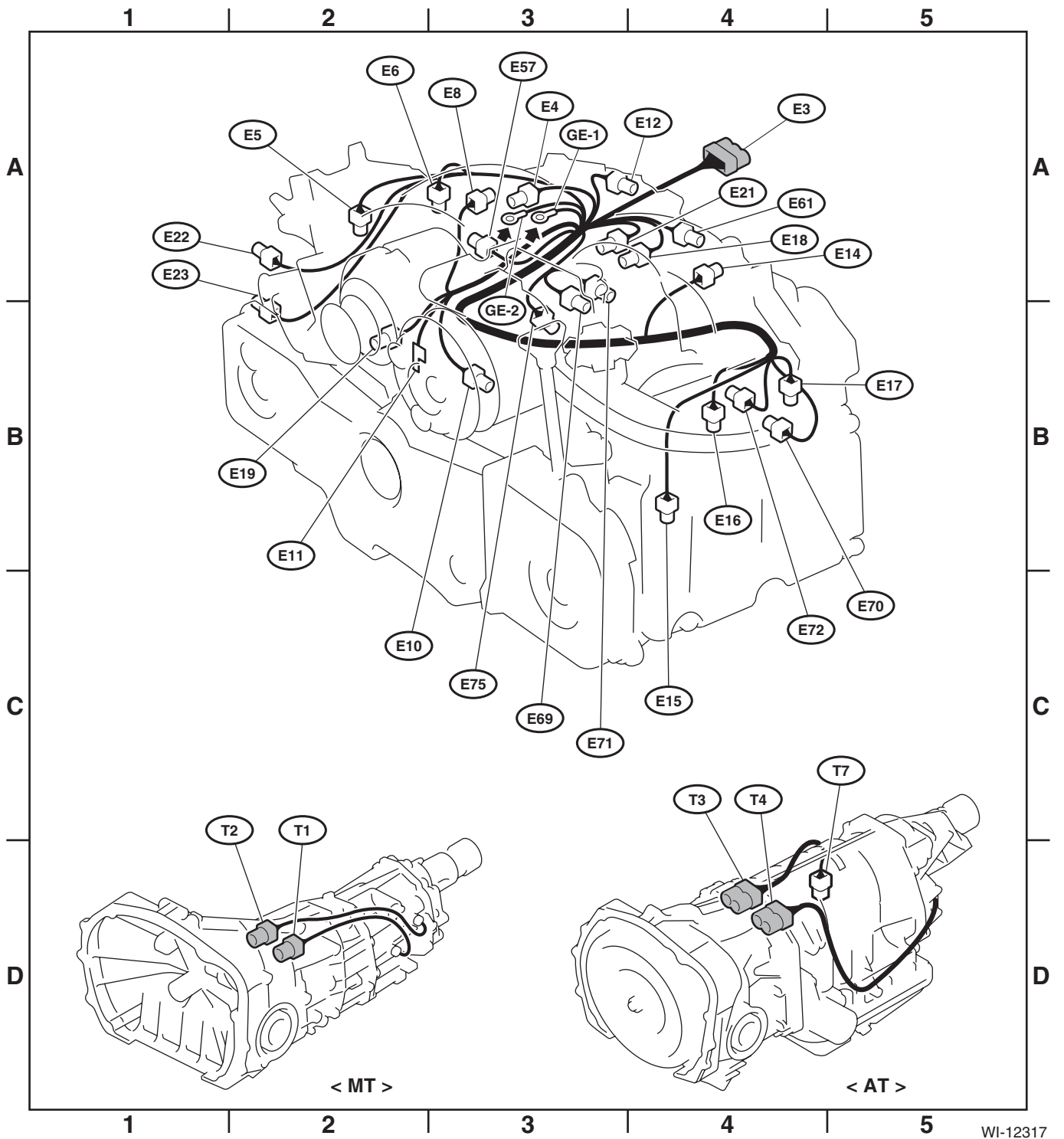
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### Transmission cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Gray	D-2	B24	Bulkhead wiring harness (MT model)
T2	2	Brown	D-2	B25	
T3	12	Black	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Gray	D-4	B11	
T7	12	Black	D-4		Inhibitor switch

# Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-12317

# Engine Wiring Harness and Transmission Cord

## WIRING SYSTEM

### 2. TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-2	B20	Bulkhead wiring harness
E3	54	Black	A-3	B22	
E4	2	Black	B-3		CPC solenoid No. 1
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	3	Light gray	B-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E14	2	Light gray	A-4		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-3		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor
E31	3	★	B-2		Ignition coil No. 1
E32	3	★	B-4		Ignition coil No. 2
E33	3	Black	A-3		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E35	3	Light gray	A-4		AVCS camshaft position sensor LH
E36	3	Light gray	A-3		AVCS cam shaft position sensor RH
E37	2	Blue	B-4		AVCS solenoid LH
E38	2	Blue	A-2		AVCS solenoid RH
E40	2	Black	B-3		Secondary air combination valve RH
E41	6	Black	B-4		Secondary air combination valve LH (with pressure sensor integrated)
E50	3	Black	B-3		TGV position sensor LH
E51	2	Black	A-4		TGV LH
E52	2	Black	B-3		CPC solenoid No. 2
E54	3	Black	A-3		TGV position sensor RH
E55	2	Black	A-2		TGV RH
E57	6	Black	A-3		Electronic throttle control
E61	2	Dark gray	A-3		PCV diagnosis connector

★ : White or natural color

# Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

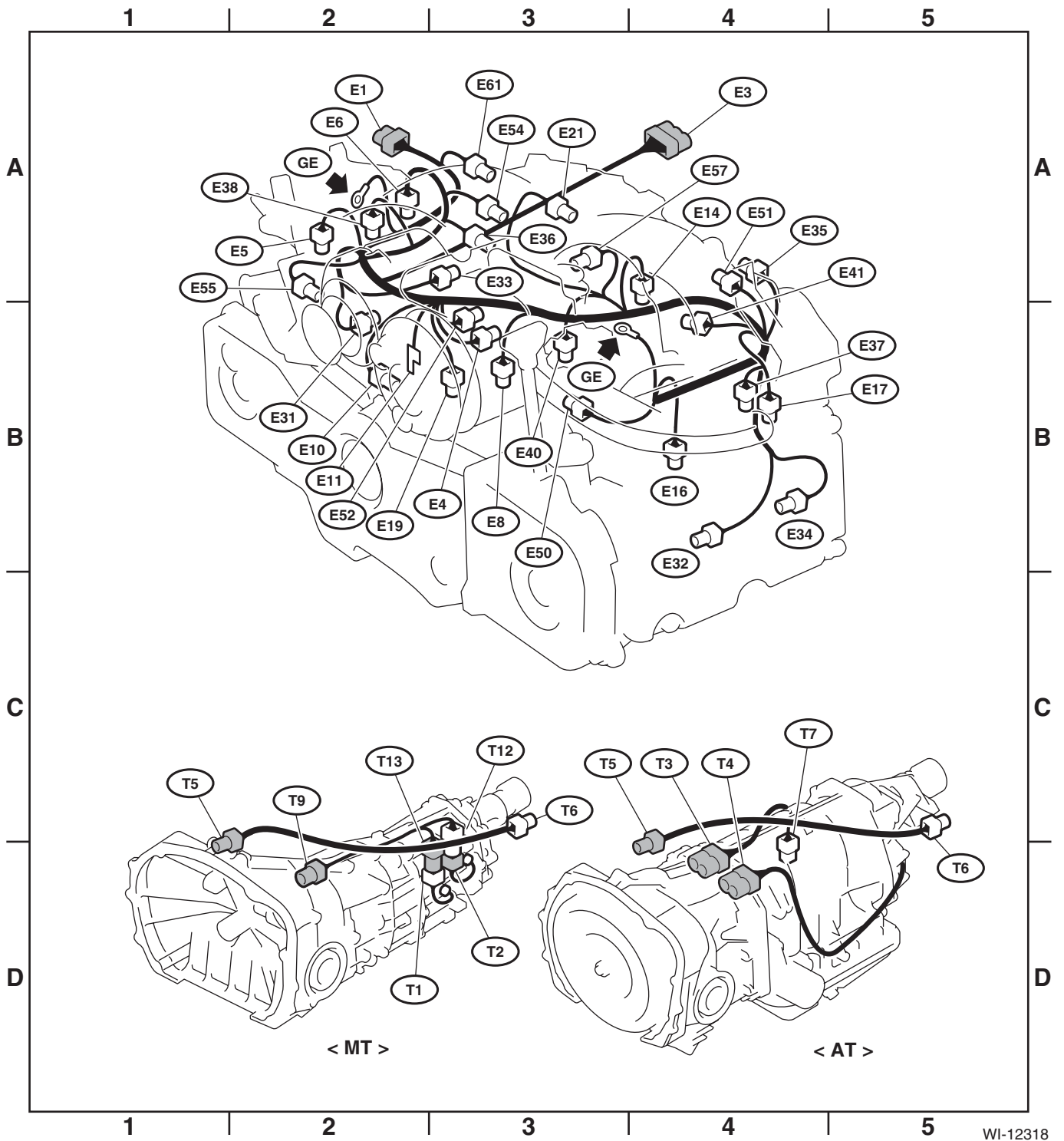
## Transmission cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	★	D-3		Transmission code (MT model)
T2	2	★	D-3		
T3	12	Black	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Gray	D-4	B11	
T5	4	Dark gray	C-1	B18	Bulkhead wiring harness (MT model)
			C-4	B18	Bulkhead wiring harness (AT model)
T6	4	Dark gray	C-3		Rear oxygen sensor (MT model)
			C-5		Rear oxygen sensor (AT model)
T7	12	Black	D-4		Inhibitor switch (AT model)
T9	4	Gray	D-2	B128	Bulkhead wiring harness (MT model)
T12	2	Brown	D-3		Neutral switch (MT model)
T13	2	Gray	D-3		Back-up light switch (MT model)

★ : White or natural color

# Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-12318