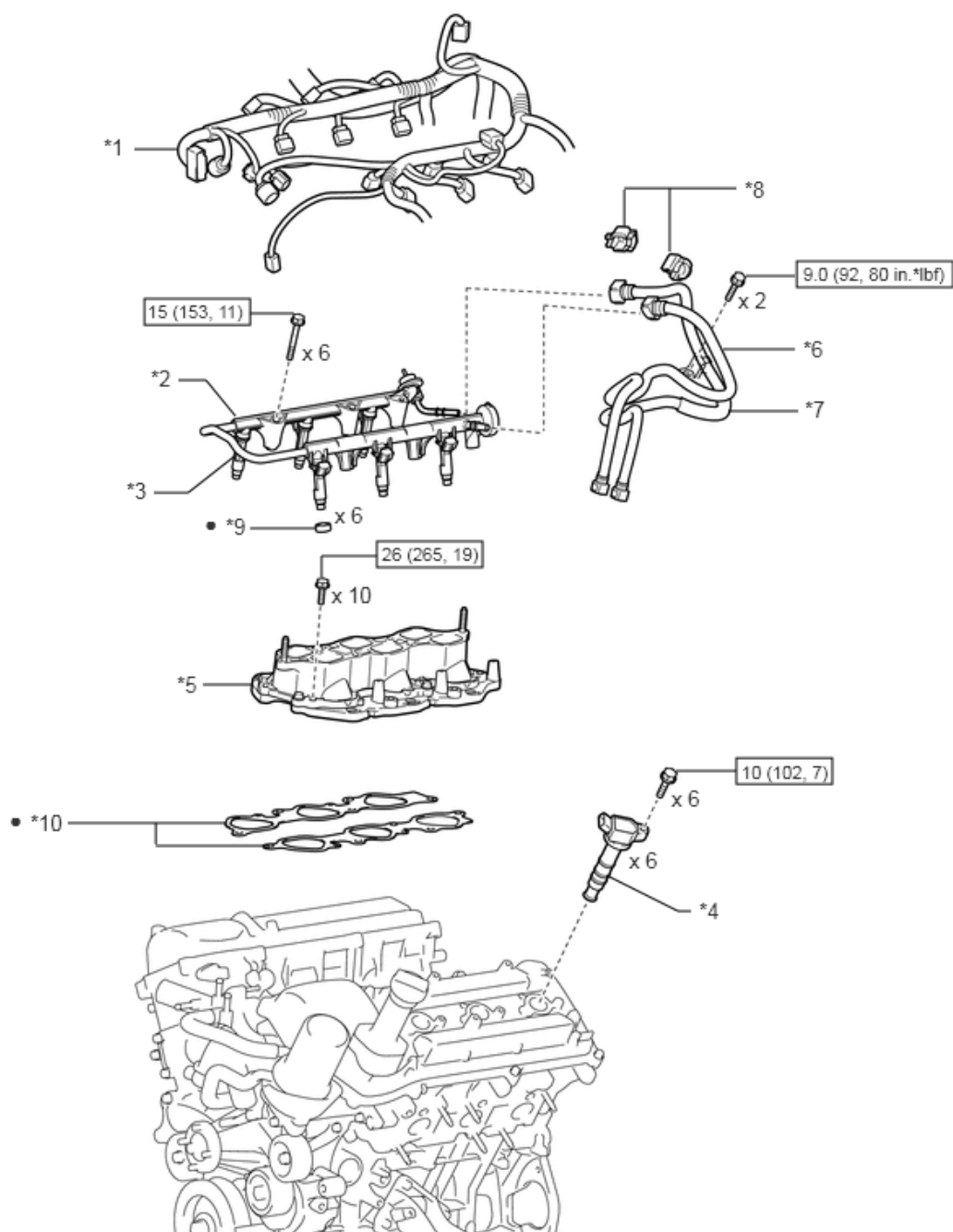


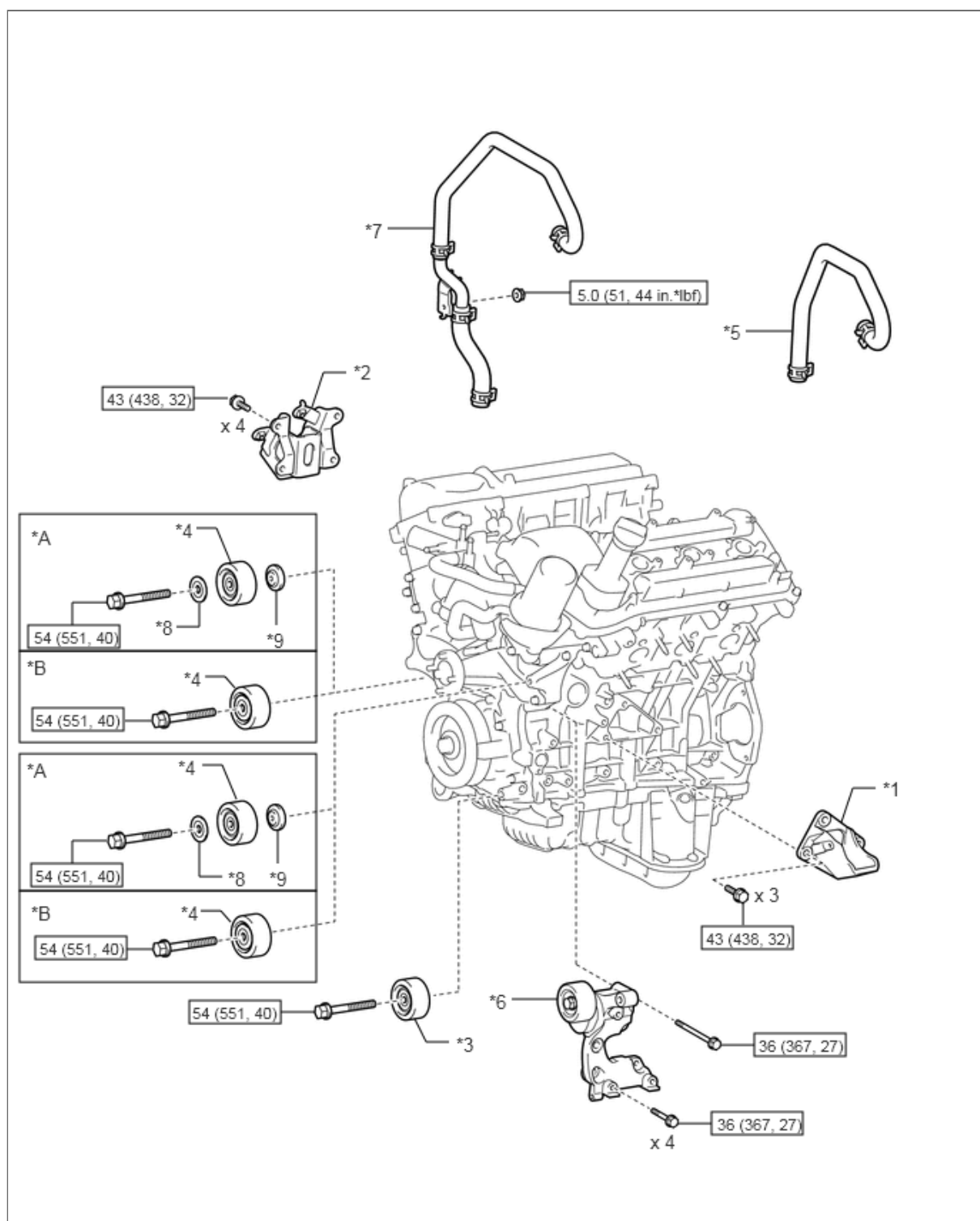
ILLUSTRATION




P

*1	ENGINE WIRE	*2	FUEL DELIVERY PIPE SUB-ASSEMBLY
*3	FUEL INJECTOR ASSEMBLY	*4	IGNITION COIL ASSEMBLY
*5	INTAKE MANIFOLD	*6	NO. 1 FUEL PIPE SUB-ASSEMBLY
*7	NO. 2 FUEL PIPE SUB-ASSEMBLY	*8	NO. 2 FUEL PIPE CLAMP
*9	FUEL VIBRATION DAMPER	*10	GASKET
<div style="border: 1px solid black; width: 30px; height: 15px; margin: 0 auto;"></div>	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

ILLUSTRATION




*A	for Cover Separate Type	*B	for Cover Integrated Type
*1	FRONT NO. 1 ENGINE MOUNTING BRACKET LH	*2	FRONT NO. 1 ENGINE MOUNTING BRACKET RH
*3	NO. 1 IDLER PULLEY SUB-ASSEMBLY	*4	NO. 2 IDLER PULLEY SUB-ASSEMBLY
*5	OUTLET HEATER WATER HOSE	*6	V-RIBBED BELT TENSIONER ASSEMBLY
*7	WATER HOSE SUB-ASSEMBLY	*8	NO. 2 IDLER PULLEY COVER PLATE
*9	IDLER PULLEY COVER PLATE	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

This diagram shows the exploded view of a 2.0L 4-cylinder engine. The components are labeled with part numbers and torque specifications in parentheses. The labels are as follows:

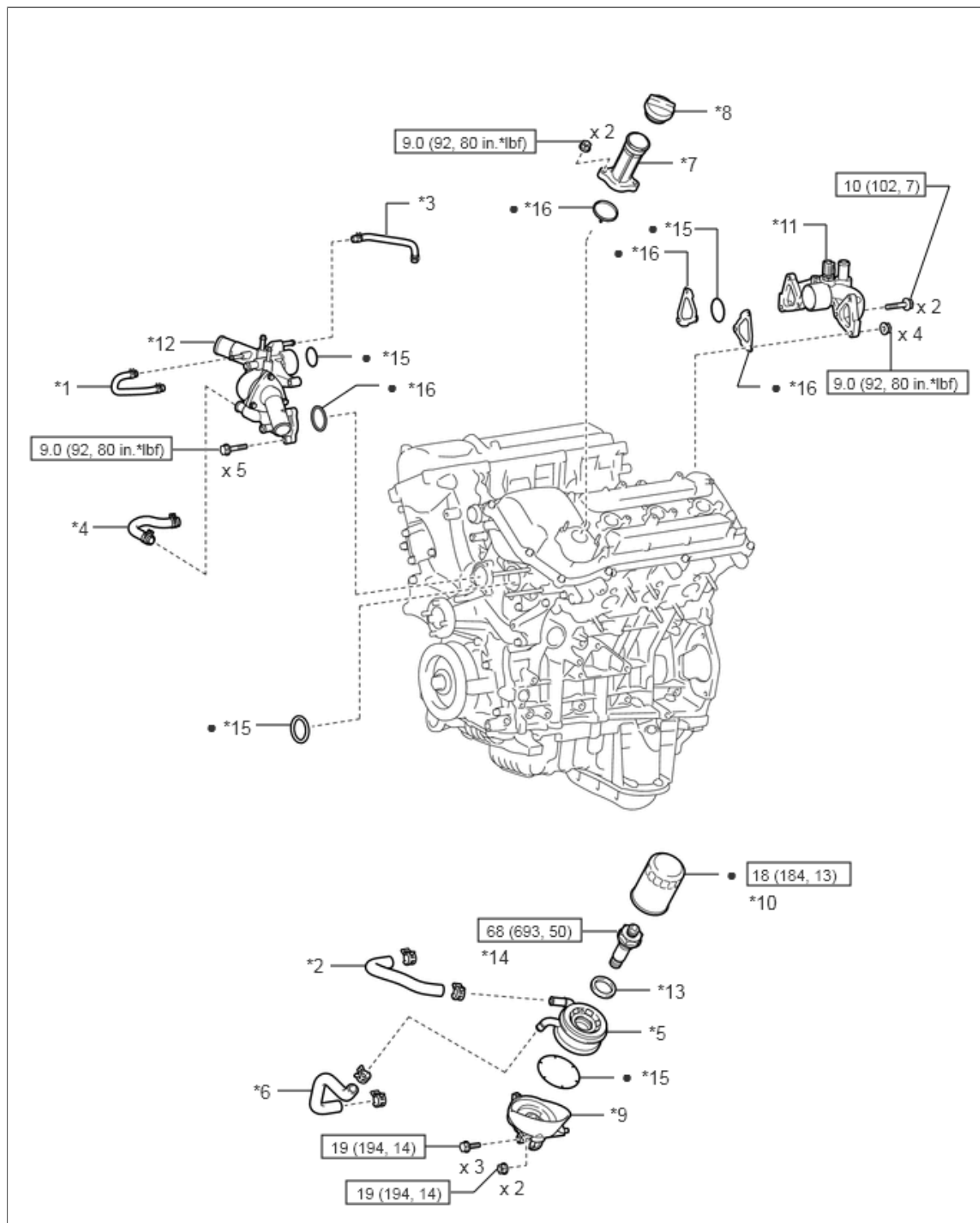
- *3**: 19.6 (200, 14)
- *10**: 10 (102, 7)
- *11**: 10 (102, 7)
- *13**: 10 (102, 7)
- *1**: 10 (102, 7)
- *7**: 20 (204, 15) x 3
- *8**: 8.0 (82, 71 in.*lbf)
- *12**: 8.0 (82, 71 in.*lbf)
- *4**: 8.0 (82, 71 in.*lbf)
- *11**: 8.0 (82, 71 in.*lbf)
- *9**: 62 (632, 46)
- *6**: 15 (153, 11)
- *5**: 15 (153, 11)
- *2**: 10 (102, 7)
- *9**: 62 (632, 46)
- *11**: 62 (632, 46)
- *4**: 62 (632, 46)
- *7**: 20 (204, 15) x 3

The diagram also includes a callout box labeled ***A** showing a component with a torque specification of **15 (153, 11)** and ***5**.


*A	w/ Oil Pressure Gauge	-	-
*1	CAMSHAFT TIMING OIL CONTROL VALVE ASSEMBLY (for Bank 1)	*2	CRANKSHAFT POSITION SENSOR
*3	ENGINE COOLANT TEMPERATURE SENSOR	*4	OIL CONTROL VALVE FILTER
*5	OIL PRESSURE SENDER GAUGE ASSEMBLY	*6	ENGINE OIL PRESSURE SWITCH ASSEMBLY
*7	SPARK PLUG	*8	VVT SENSOR (for Bank 1)
*9	UNION	*10	O-RING
*11	GASKET	*12	VVT SENSOR (for Bank 2)
*13	CAMSHAFT TIMING OIL CONTROL VALVE ASSEMBLY (for Bank 2)	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	●	Non-reusable part

	Toyota Genuine Adhesive 1344, Three Bond 1344 or equivalent	★	Precoated part
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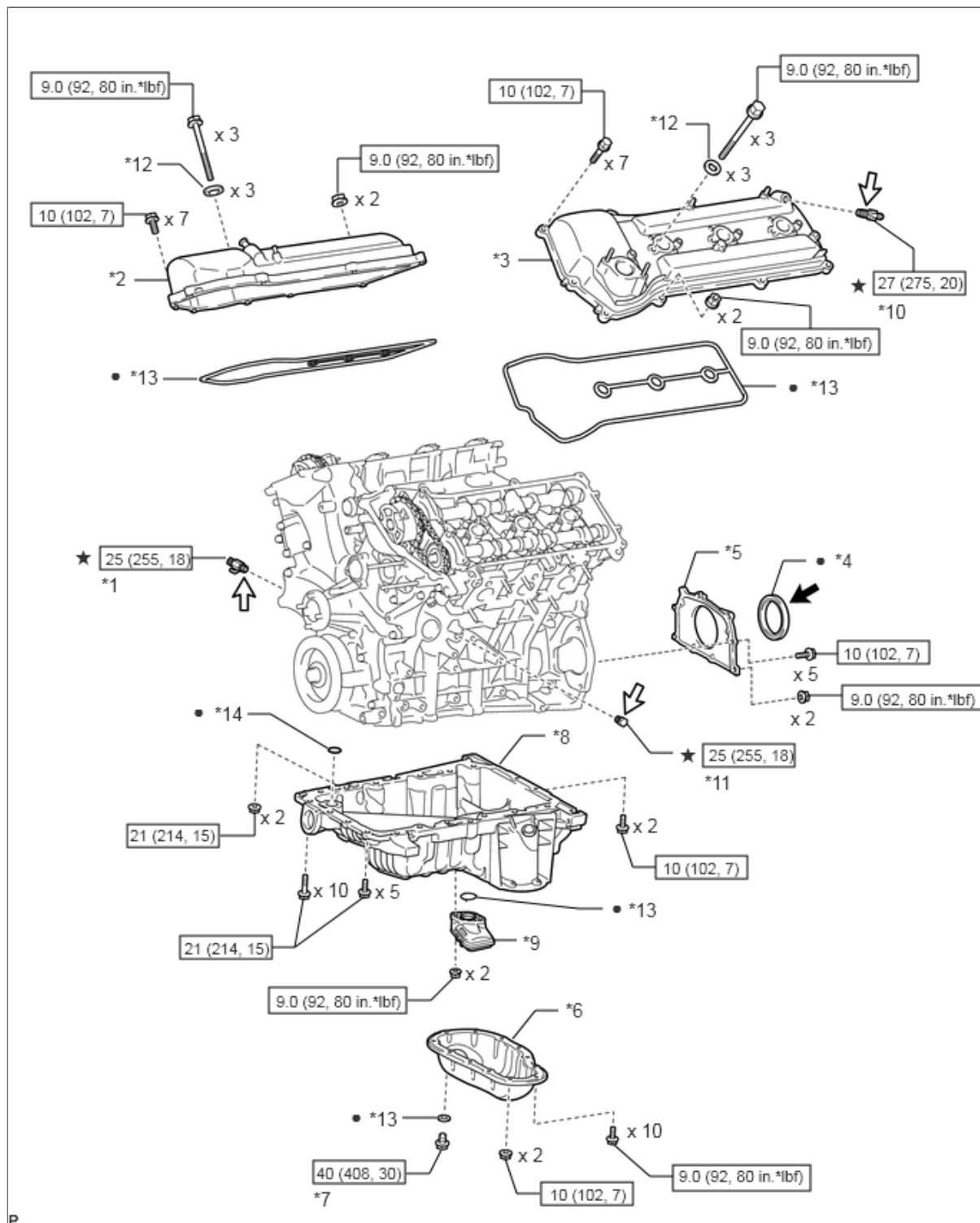
ILLUSTRATION






*1	NO. 1 WATER BY-PASS HOSE	*2	NO. 2 OIL COOLER HOSE
*3	NO. 2 WATER BY-PASS HOSE	*4	NO. 3 WATER BY-PASS HOSE
*5	OIL COOLER ASSEMBLY	*6	OIL COOLER HOSE
*7	OIL FILLER CAP HOUSING	*8	OIL FILLER CAP SUB-ASSEMBLY
*9	OIL FILTER BRACKET SUB-ASSEMBLY	*10	OIL FILTER SUB-ASSEMBLY
*11	REAR WATER BY-PASS JOINT	*12	WATER INLET HOUSING
*13	PLATE WASHER	*14	OIL COOLER UNION BOLT

*15	O-RING	*16	GASKET
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

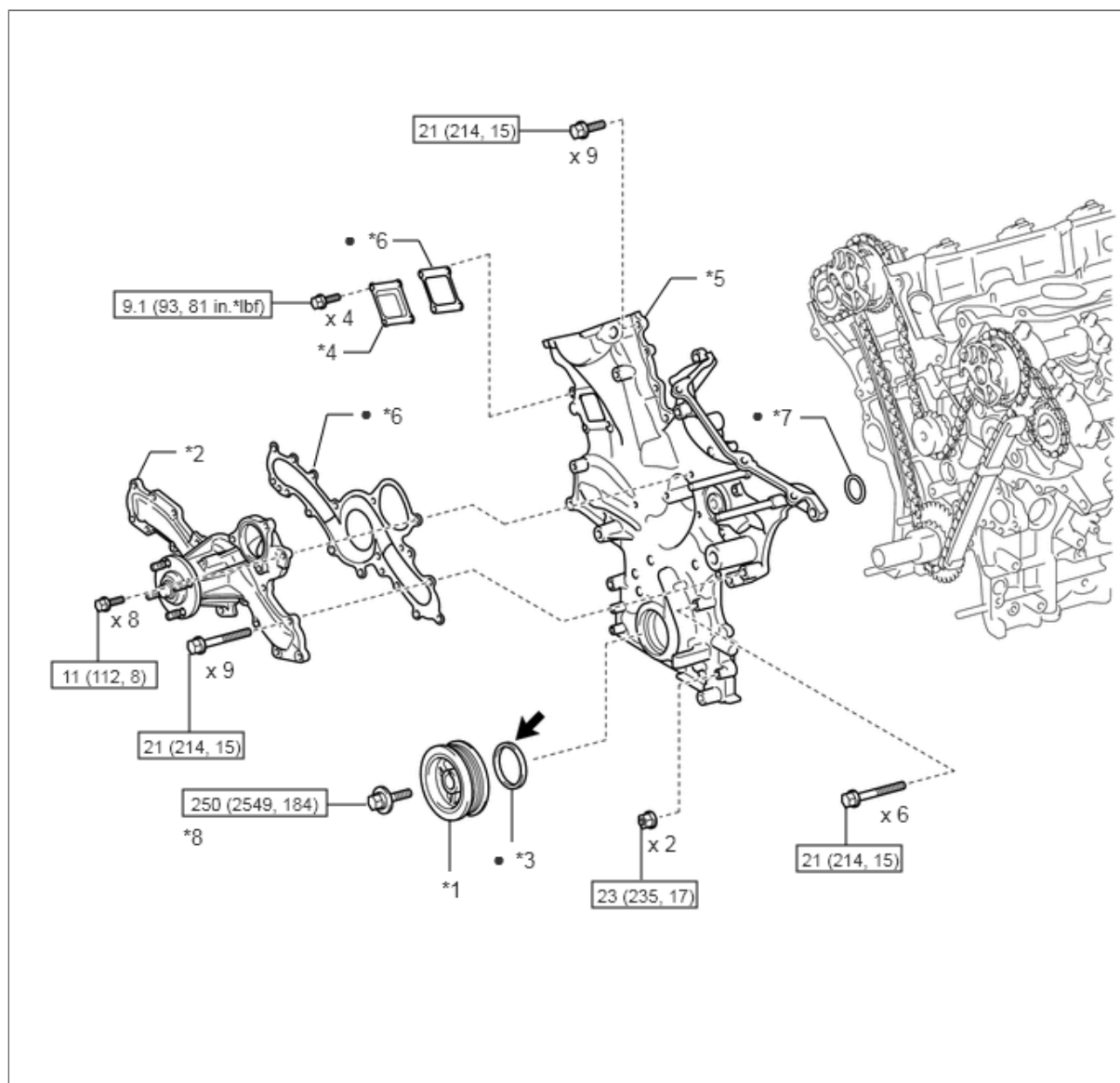
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



*1	CYLINDER BLOCK WATER DRAIN COCK SUB-ASSEMBLY	*2	CYLINDER HEAD COVER SUB-ASSEMBLY
*3	CYLINDER HEAD COVER SUB-ASSEMBLY LH	*4	ENGINE REAR OIL SEAL
*5	ENGINE REAR OIL SEAL RETAINER	*6	NO. 2 OIL PAN SUB-ASSEMBLY
*7	OIL PAN DRAIN PLUG	*8	OIL PAN SUB-ASSEMBLY
*9	OIL STRAINER SUB-ASSEMBLY	*10	PCV VALVE SUB-ASSEMBLY
*11	TAPER SCREW PLUG	*12	SEAL WASHER

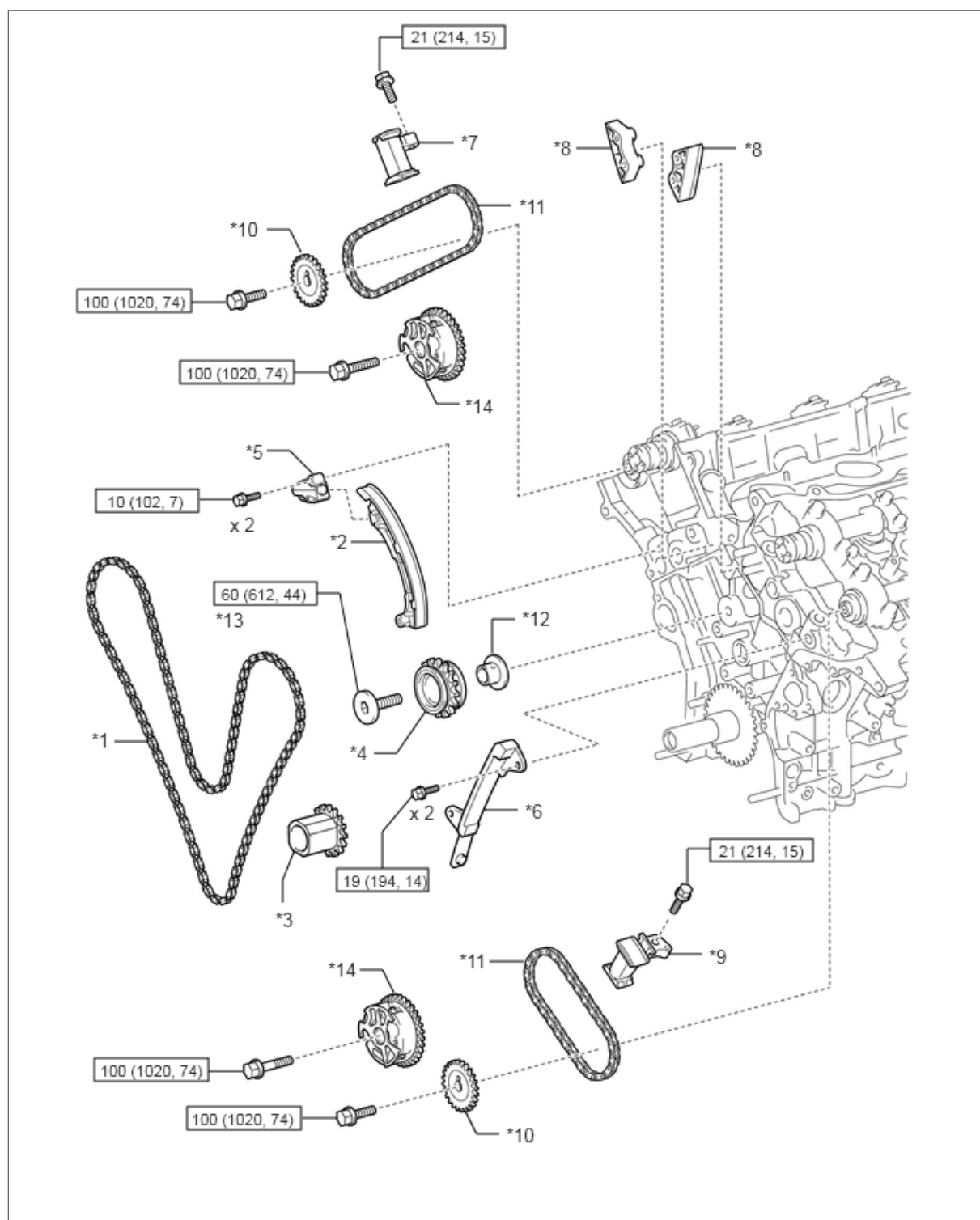
*13	GASKET	*14	O-RING
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part
	MP grease		Toyota Genuine Adhesive 1324, Three Bond 1324 or equivalent
★	Precoated part	-	-

ILLUSTRATION



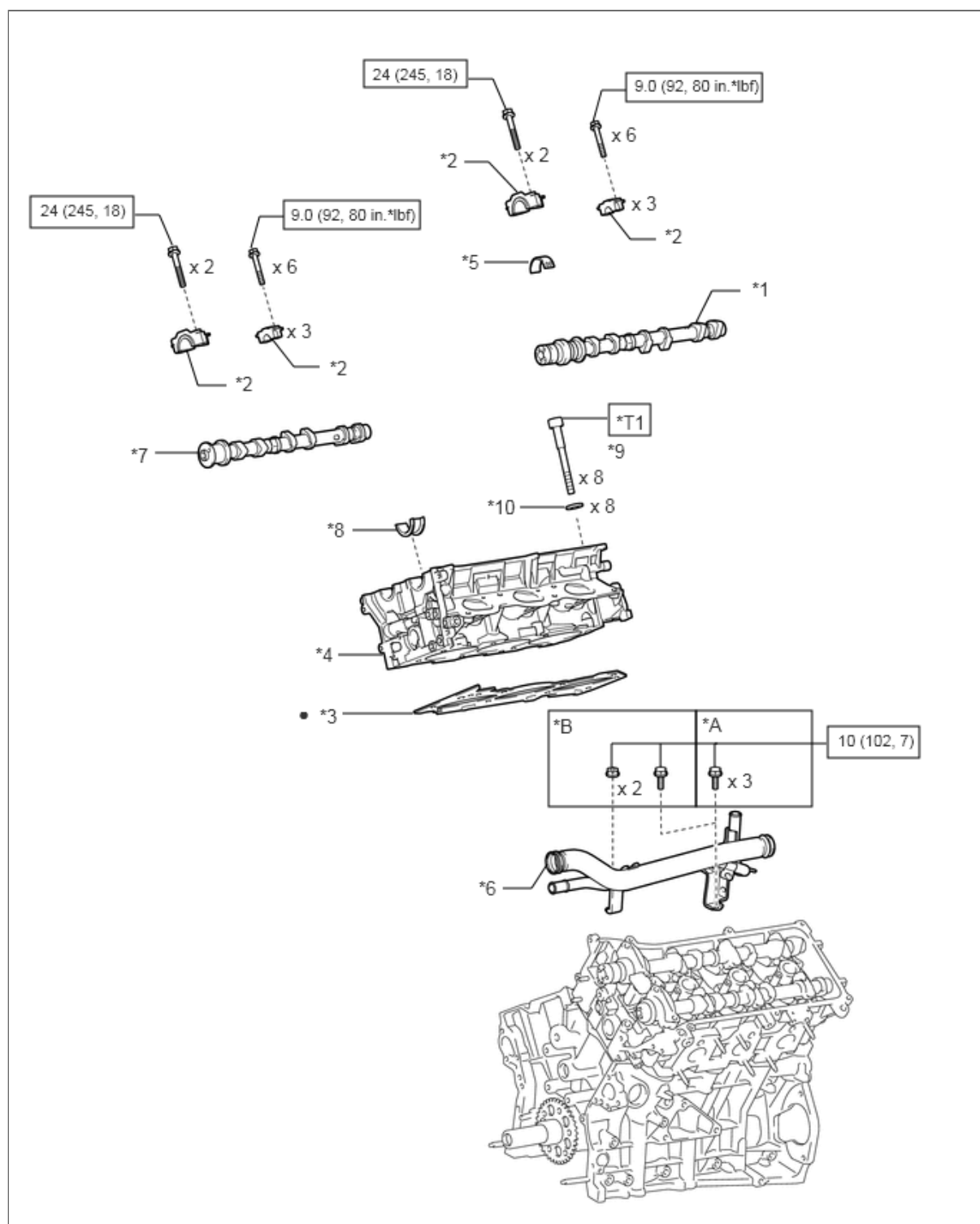
*1	CRANKSHAFT PULLEY	*2	ENGINE WATER PUMP ASSEMBLY
*3	FRONT CRANKSHAFT OIL SEAL	*4	TIMING CHAIN COVER PLATE
*5	TIMING CHAIN COVER SUB-ASSEMBLY	*6	GASKET
*7	O-RING	*8	CRANKSHAFT PULLEY SET BOLT
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part
	MP grease	-	-

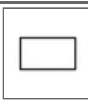
ILLUSTRATION



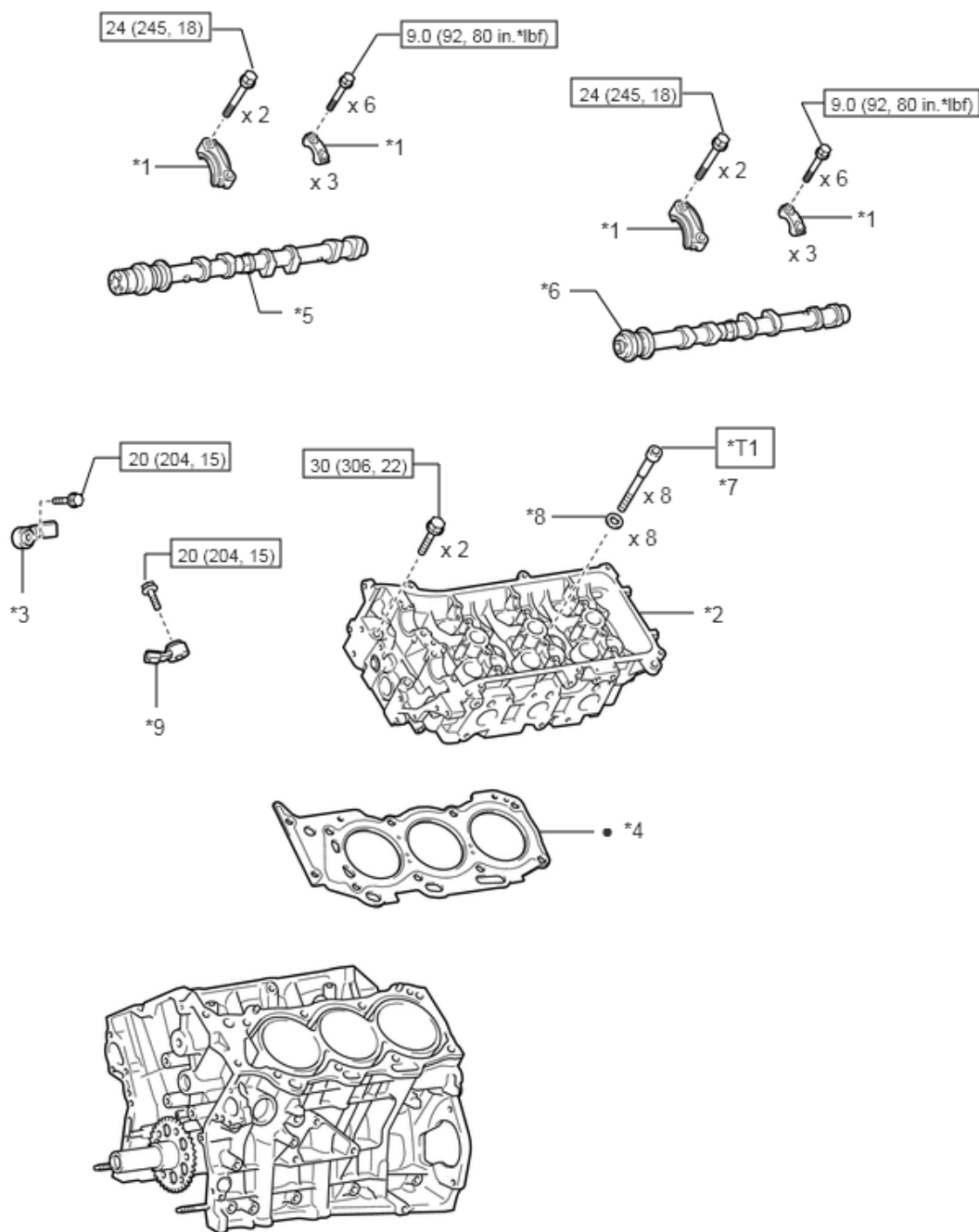
*1	CHAIN SUB-ASSEMBLY	*2	CHAIN TENSIONER SLIPPER
*3	CRANKSHAFT TIMING SPROCKET	*4	IDLE SPROCKET ASSEMBLY
*5	NO. 1 CHAIN TENSIONER ASSEMBLY	*6	NO. 1 CHAIN VIBRATION DAMPER
*7	NO. 2 CHAIN TENSIONER ASSEMBLY	*8	NO. 2 CHAIN VIBRATION DAMPER
*9	NO. 3 CHAIN TENSIONER ASSEMBLY	*10	CAMSHAFT TIMING SPROCKET
*11	NO. 2 CHAIN SUB-ASSEMBLY	*12	NO. 1 IDLE GEAR SHAFT
*13	NO. 2 IDLE GEAR SHAFT	*14	CAMSHAFT TIMING GEAR ASSEMBLY
<div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> N*m (kgf*cm, ft.*lbf): Specified torque		-	-

ILLUSTRATION



*A	for Type A	*B	for Type B
*1	CAMSHAFT	*2	CAMSHAFT BEARING CAP
*3	CYLINDER HEAD GASKET	*4	CYLINDER HEAD SUB-ASSEMBLY
*5	NO. 1 CAMSHAFT BEARING	*6	NO. 1 WATER OUTLET PIPE
*7	NO. 2 CAMSHAFT	*8	NO. 2 CAMSHAFT BEARING
*9	CYLINDER HEAD SET BOLT	*10	PLATE WASHER
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part
*T1	1st: 36 (367, 27) 2nd: Turn 180°	-	-

ILLUSTRATION



*1	CAMSHAFT BEARING CAP	*2	CYLINDER HEAD LH
*3	KNOCK SENSOR (for Bank 1)	*4	NO. 2 CYLINDER HEAD GASKET
*5	NO. 3 CAMSHAFT SUB-ASSEMBLY	*6	NO. 4 CAMSHAFT SUB-ASSEMBLY
*7	CYLINDER HEAD SET BOLT	*8	PLATE WASHER
*9	KNOCK SENSOR (for Bank 2)	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part
*T1	1st: 36 (367, 27) 2nd: Turn 180°	-	-