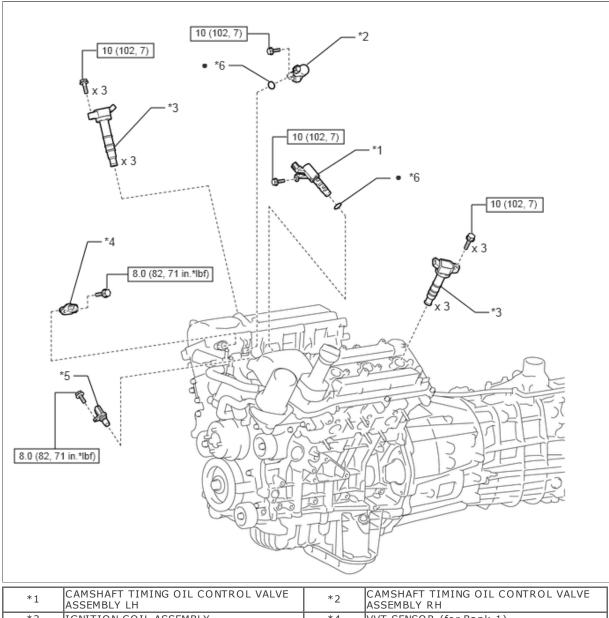
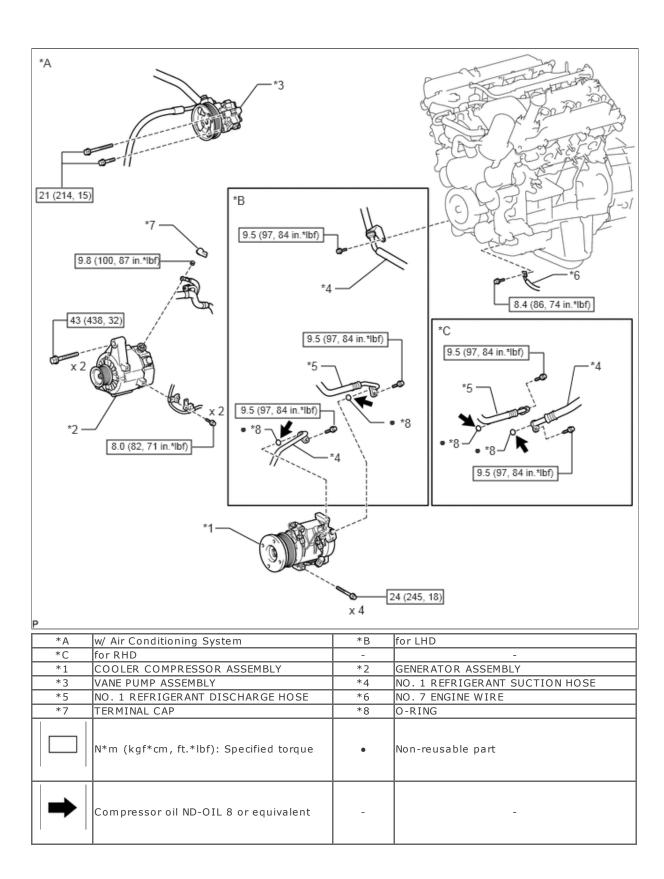
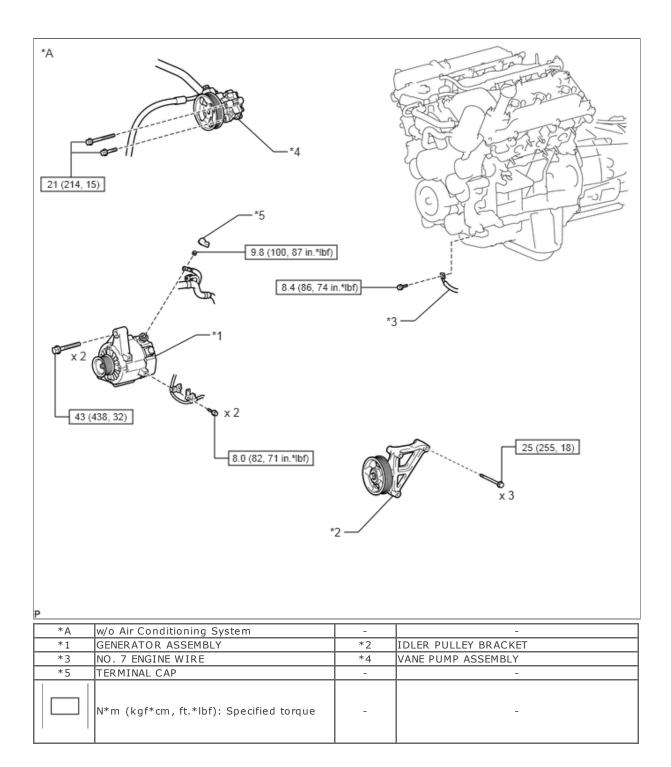
1GR-FE LUBRICATION OIL PUMP COMPONENTS

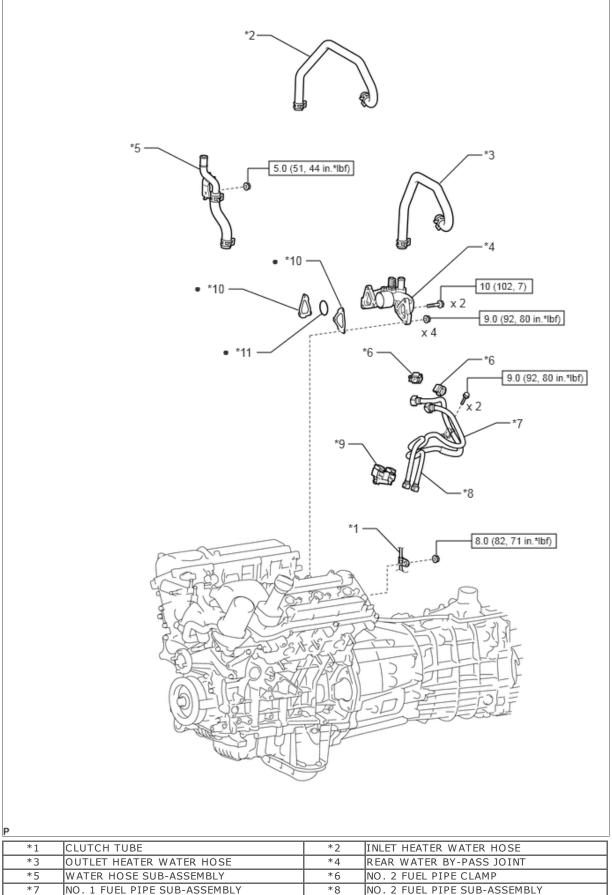
ILLUSTRATION



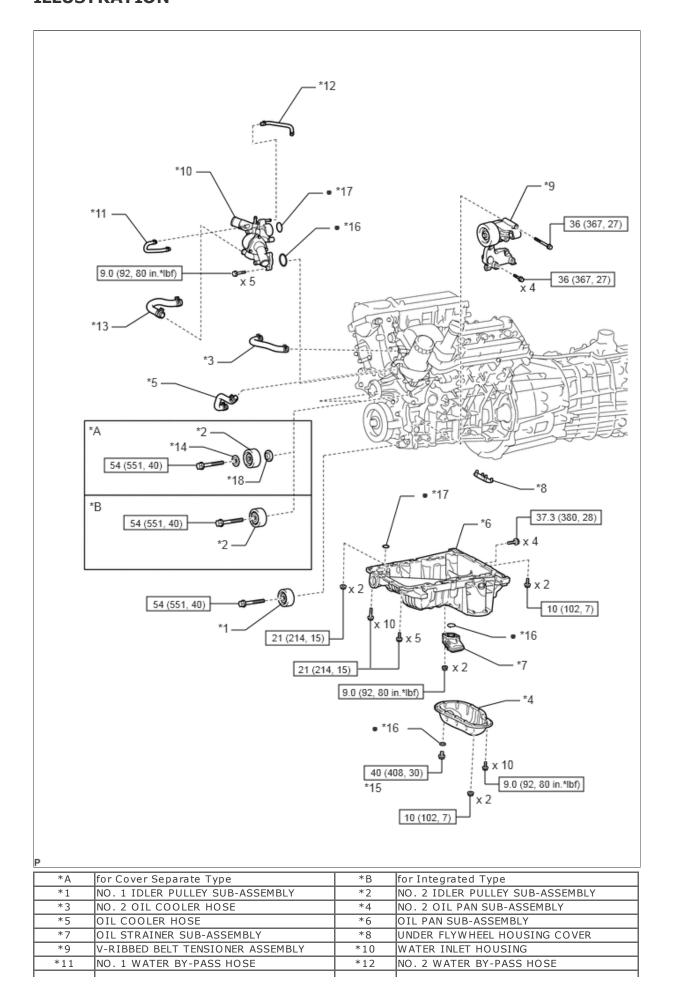
*1	CAMSHAFT TIMING OIL CONTROL VALVE ASSEMBLY LH	1 ~ /	CAMSHAFT TIMING OIL CONTROL VALVE ASSEMBLY RH
*3	IGNITION COIL ASSEMBLY	*4	VVT SENSOR (for Bank 1)
*5	VVT SENSOR (for Bank 2)	*6	O-RING
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



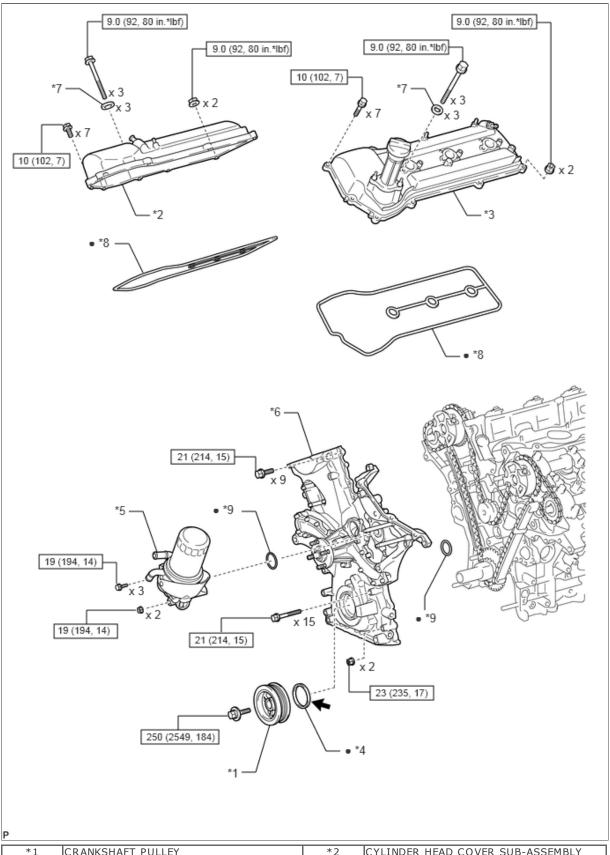




*1	CLUTCH TUBE	*2	INLET HEATER WATER HOSE
*3	OUTLET HEATER WATER HOSE	*4	REAR WATER BY-PASS JOINT
*5	WATER HOSE SUB-ASSEMBLY	*6	NO. 2 FUEL PIPE CLAMP
*7	NO. 1 FUEL PIPE SUB-ASSEMBLY	*8	NO. 2 FUEL PIPE SUB-ASSEMBLY
*9	NO. 1 FUEL PIPE CLAMP	*10	GASKET
*11	O-RING	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



*13	NO. 3 WATER BY-PASS HOSE	*14	NO. 2 IDLER PULLEY COVER PLATE
*15	OIL PAN DRAIN PLUG	*16	GASKET
*17	O-RING	*18	IDLER PULLEY COVER PLATE
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



-1	*1	CRANKSHAFT PULLEY	*2	CYLINDER HEAD COVER SUB-ASSEMBLY
	*3	CYLINDER HEAD COVER SUB-ASSEMBLY LH	*4	FRONT CRANKSHAFT OIL SEAL
	*5	OIL FILTER BRACKET SUB-ASSEMBLY	*6	TIMING CHAIN COVER SUB-ASSEMBLY
	*7	SEAL WASHER	*8	GASKET
	*9	O-RING	-	-
		N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part
		MP grease	-	-



