

OIL PAN AND OIL STRAINER

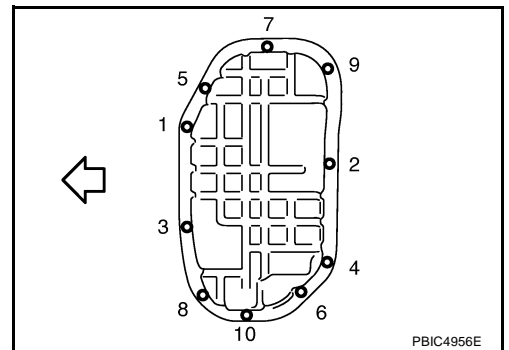
1. Drain engine oil. Refer to [LU-7, "Changing Engine Oil"](#).

CAUTION:

- Perform this step when engine is cold.
- Do not spill engine oil on drive belts.

2. Remove undercover with power tool.
3. Remove engine assembly from the vehicle, and separate front suspension member and transmission from engine. Refer to [EM-101, "ENGINE ASSEMBLY"](#).
4. Lift the engine with hoist, and mount it onto widely use engine stand. Refer to [EM-108, "DISASSEMBLY"](#).
5. Remove alternator. Refer to [SC-20, "CHARGING SYSTEM"](#).
6. Remove starter motor. Refer to [SC-8, "STARTING SYSTEM"](#).
7. Remove idler pulley and bracket assembly. Refer to [EM-53, "TIMING CHAIN"](#).
8. Remove oil filter, as necessary. Refer to [LU-9, "OIL FILTER"](#).
9. Remove oil temperature sensor, as necessary.
10. Remove oil pan (lower) as follows:
 - a. Loosen mounting bolts with power tool in reverse order as shown in the figure to remove.

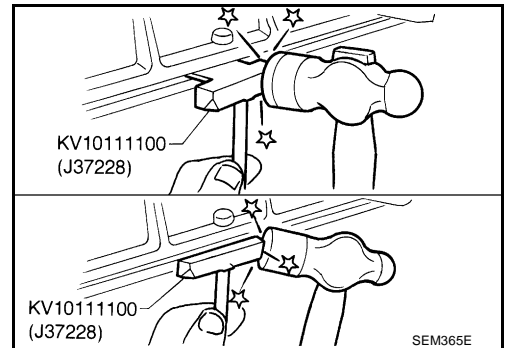
← : Engine front



- b. Insert seal cutter (SST) between oil pan (upper) and oil pan (lower).

CAUTION:

- Be careful not to damage the mating surfaces.
- Do not insert screwdriver, this will damage the mating surface.



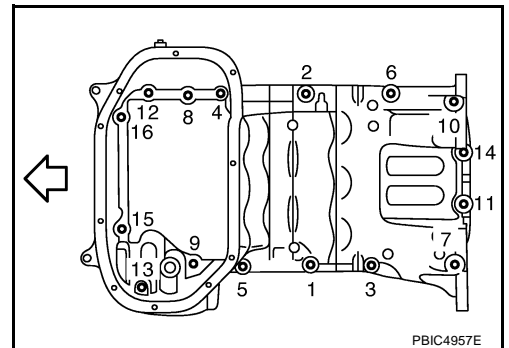
11. Remove oil strainer.
12. Remove rear cover plate.
13. Loosen mounting bolts with power tool in reverse order as shown in the figure to remove oil pan (upper).

- Insert seal cutter [SST: KV10111100 (J37228)] between oil pan (upper) and cylinder block. Slide seal cutter by tapping on the side of tool with hammer. Remove oil pan (upper).

CAUTION:

- Be careful not to damage mating surfaces.
- Do not insert screwdriver, this will damage the mating surface.

← : Engine front



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