

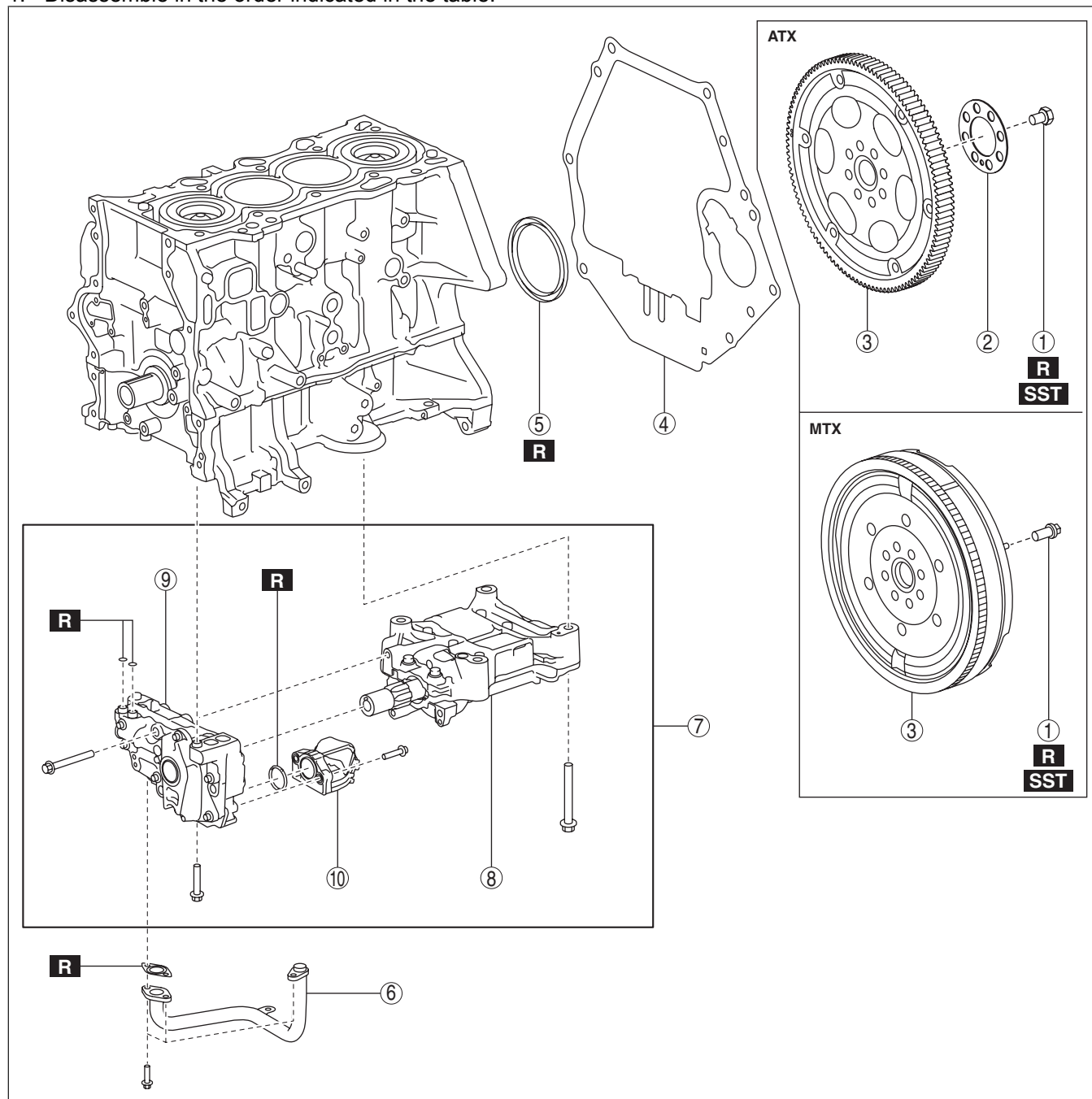
## CYLINDER BLOCK DISASSEMBLY (I)

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### Caution

- Do not disassemble the oil pump and balancer unit because it is a precision unit.

1. Disassemble in the order indicated in the table.



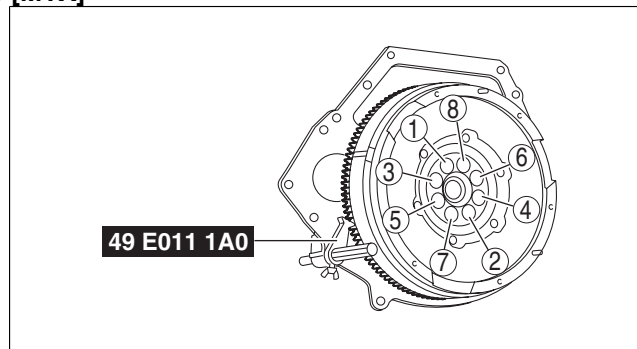
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1	Dual-mass flywheel (MTX) / drive plate (ATX) installation bolt (See Dual-mass Flywheel Installation Bolt Disassembly Note [MTX].) (See Drive Plate Installation Bolt Disassembly Note [ATX].)
2	Backing plate (ATX)
3	Dual-mass flywheel (MTX), drive plate (ATX) (See Dual-mass Flywheel Disassembly Note [MTX].)

4	End plate
5	Rear oil seal (See Rear Oil Seal Disassembly Note.)
6	Oil pipe
7	Balancer component
8	Balancer unit
9	Oil pump
10	Oil strainer

### Dual-mass Flywheel Installation Bolt Disassembly Note [MTX]

1. Hold the crankshaft using the **SST**.

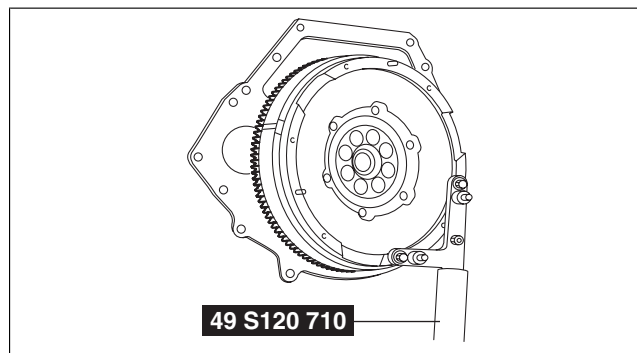


2. Loosen the bolts uniformly and gradually in the order shown in the figure.

#### Note

- If the bolt installation holes are not positioned properly, perform the following procedure:

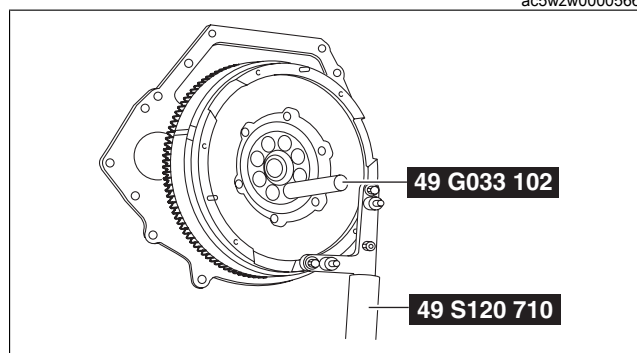
- (1) Install the **SST (49 S120 710)** to the dual-mass flywheel.
- (2) Rotate the dual-mass flywheel (secondary flywheel side) using the **SST (49 S120 710)**.
- (3) When the bolt installation holes are positioned properly, hold the position and remove one of the bolts.



- (4) After removing the bolt, set up the **SST (49 G033 102)** to lock the dual-mass flywheel (secondary flywheel side) against rotation.

#### Warning

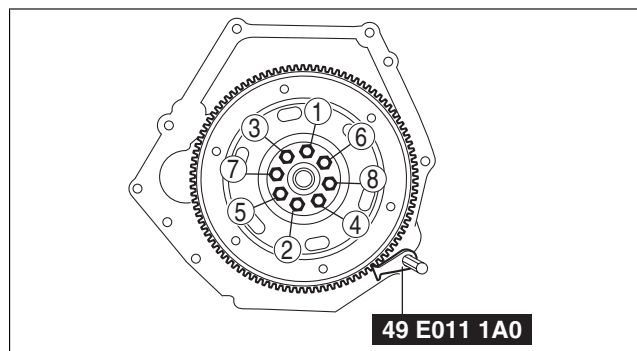
- If all of the bolts are removed without locking the dual-mass flywheel (secondary flywheel side) against rotation, the dual-mass flywheel (primary or secondary flywheel side) may rotate, resulting in injury. Therefore, always set up the SST (49 G033 102).
- When the bolts are removed from the dual-mass flywheel, always cover the bolt holes using tape. If the SST (49 G033 102) is removed while the operator's finger is inserted in the bolt hole, the dual-mass flywheel may rotate and the operator could be injured.



- (5) Remove the remaining bolts.

### Drive Plate Installation Bolt Disassembly Note [ATX]

1. Hold the crankshaft using the **SST**.
2. Loosen the bolts uniformly and gradually in the order shown in the figure.



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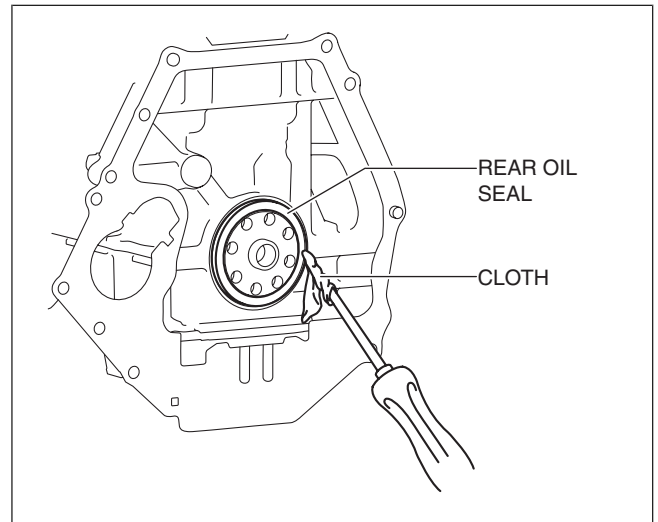
## Dual-mass Flywheel Disassembly Note [MTX]

### Note

- When reusing the dual-mass flywheel, do not remove the **SST (49 G033 102)** locking the dual-mass flywheel (secondary flywheel side) against rotation.

### Rear Oil Seal Disassembly Note

- Cut the oil seal lip using a utility knife.
- Remove the oil seal using a flathead screwdriver with the tip protected by a clean cloth to prevent damage to the oil seal sliding part of the crankshaft.



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