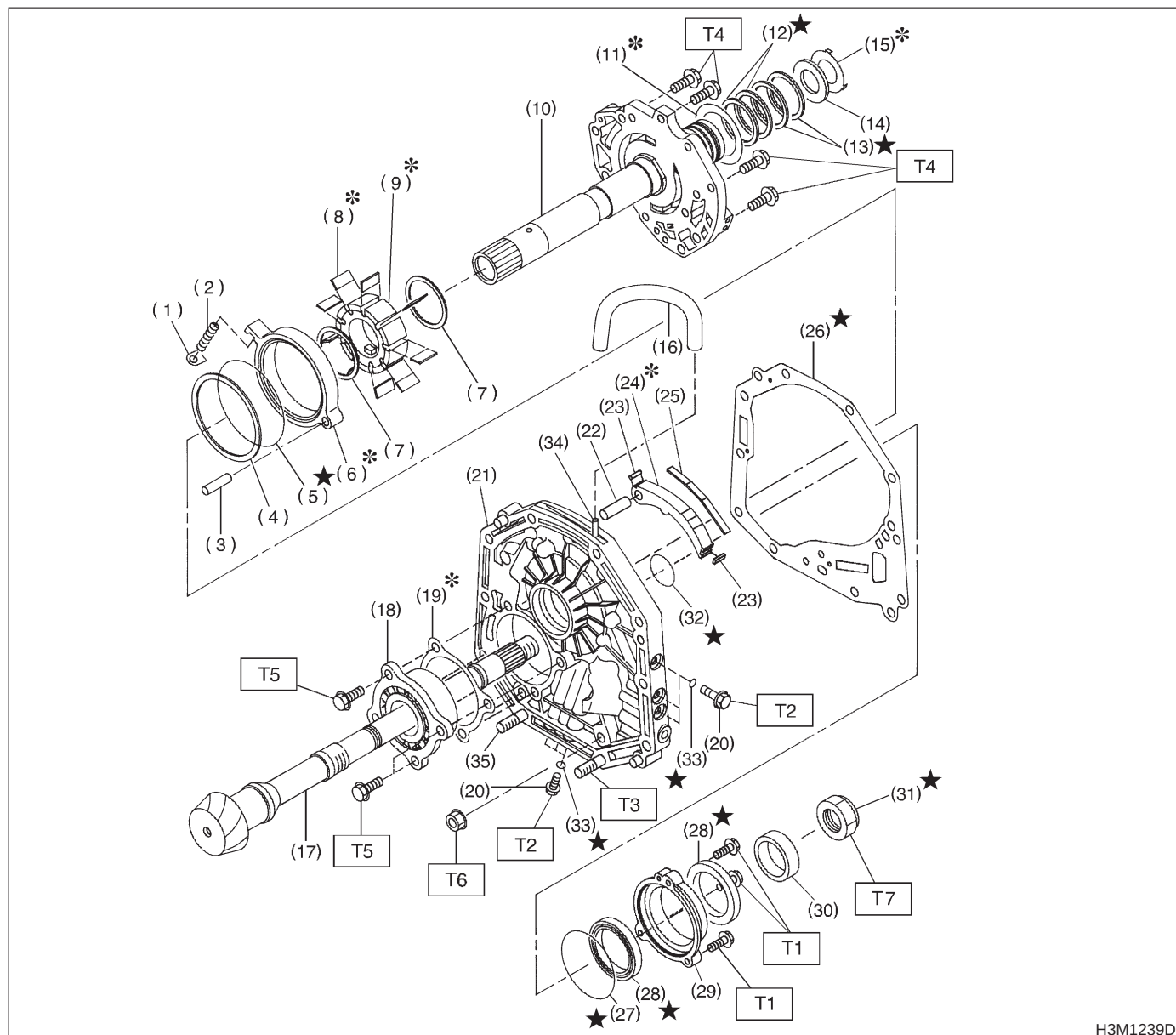


2. Oil Pump



H3M1239D

- | | | |
|----------------------------|--------------------------|----------------|
| (1) Retainer | (16) Air breather hose | (31) Lock nut |
| (2) Return spring | (17) Drive pinion shaft | (32) O-ring |
| (3) Pin | (18) Roller bearing | (33) O-ring |
| (4) Friction ring | (19) Shim | (34) Nipple |
| (5) O-ring | (20) Test plug | (35) Stud bolt |
| (6) Cam ring | (21) Oil pump housing | |
| (7) Vane ring | (22) Pin | |
| (8) Vane | (23) Side seal | |
| (9) Rotor | (24) Control piston | |
| (10) Oil pump cover | (25) Plane seal | |
| (11) Thrust washer | (26) Gasket | |
| (12) Seal ring (R) | (27) O-ring | |
| (13) Seal ring (H) | (28) Oil seal | |
| (14) Thrust needle bearing | (29) Oil seal retainer | |
| (15) Thrust washer | (30) Drive pinion collar | |

Tightening torque: N·m (kg-m, ft-lb)

T1: 7±1 (0.7±0.1, 5.1±0.7)

T2: 13±1 (1.3±0.1, 9.4±0.7)

T3: 18±5 (1.8±0.5, 13.0±3.6)

T4: 25±2 (2.5±0.2, 18.1±1.4)

T5: 39±3 (4.0±0.3, 28.9±2.2)

T6: 41±3 (4.2±0.3, 30.4±2.2)

T7: 113±5 (11.5±0.5, 83.2±3.6)