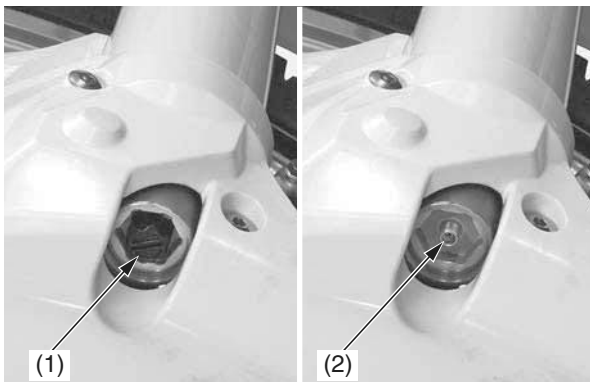


Balance Chamber Air Pressure

When adjusting the left fork air pressure, adjust the inner chamber air pressure first, then the outer chamber air pressure, and finally the balance chamber air pressure.

1. Place an optional workstand under the engine, so that the front wheel is off the ground.
2. Adjust the inner chamber air pressure (page 137).
3. Adjust the outer chamber air pressure (page 138).
4. Remove the valve cap (1) and clean the area around the balance chamber air valve (2).
5. Place a shop towel over the balance chamber air valve.
6. Release the air pressure from the balance chamber by pressing the valve center.

When releasing air pressure from the balance chamber, the fork will be extended. Spraying a small amount of fork oil from the balance chamber air valve is normal when releasing air pressure from the balance chamber. This will not affect the fork performance.



(1) valve cap
(2) balance chamber air valve

7. Adjust the balance chamber air pressure.

- Air fork pump 07AMJ-KRNA100 (USA only)
- Air fork pump adapter 07AMJ-KRNA110 (USA only)

When applying air pressure to the balance chamber, the fork will be shortened.

Do not adjust the balance chamber air pressure to a level that is outside the minimum or maximum level.

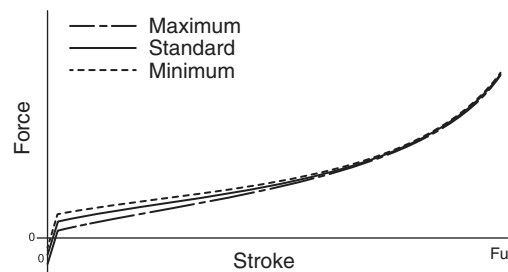
The correct “cold” balance chamber air pressures are:

Standard: 156 psi (1,075 kPa, 11.0 kgf/cm²)

Maximum	189 psi (1,300 kPa, 13.3 kgf/cm ²)
Standard	156 psi (1,075 kPa, 11.0 kgf/cm ²)
Minimum	131 psi (900 kPa, 9.2 kgf/cm ²)

Increasing the balance chamber air pressure reduces the rebound of initial range of fork travel. (softer)

with standard inner chamber air pressure, standard outer chamber air pressure and standard oil capacity:



The higher or lower balance chamber air pressure affects the initial range of fork travel.

8. Check that there is no air leakage. If there is any air leakage, replace the air valve assembly.
9. Check that the valve cap is in good condition and replace it if necessary.
10. Install and tighten the valve cap to the specified torque:
0.4 lbf·ft (0.5 N·m, 0.1 kgf·m)