

Charge Steering Accumulator (Serial Number -000400)



T7011AJ-UN: Gas Cock Installed

-: Specifications

SPECIFICATIONS	
Oil Temperature	Approximately 40°C (100°F)
Steering Accumulator Charge Pressure	3450 ± 300 kPa (34 ± 3 bar) (500 ± 45 psi)

-: Essential Tools

ESSENTIAL TOOLS
JT01735 Gas Cock

IMPORTANT:

Charge accumulator using only dry nitrogen. Dry nitrogen does not mix with oil. It is non-combustible. It will not cause oxidation or condensation inside accumulator and is not harmful to piston seal. DO NOT use air or any combustible gas as these can cause oxidation and condensation. Oxidation and condensation are harmful to the piston seal and accumulator.

1. If accumulator is being charged on the unit, stop engine. Turn steering wheel left and right to drain oil from accumulators.

Item	Measurement	Specification
Oil	Temperature	Approximately 40°C (100°F)

2. Remove accumulator gas valve cap.
3. Turn handle on gas cock fully counterclockwise. Install gas cock on accumulator. Connect hose and regulator to accumulator.
4. Turn handle on gas cock clockwise to open gas valve in accumulator.
5. IMPORTANT:

If accumulator is charged too fast, initial surge of charge pressure through gas valve can force valve seat out of place. It should take at least 3 seconds to charge accumulator.

Slowly open regulator valve to pressurize accumulator to specifications.

Item	Measurement	Specification
Steering Accumulator	Charge Pressure	3450 ± 300 kPa (34 ± 3 bar) (500 ± 45 psi)

6. If accumulator is being charged on the machine and had no nitrogen pressure, turn steering left and right

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6. If accumulator is being charged on the machine and had no nitrogen pressure, turn steering left and right to drain oil from accumulators.
7. Turn handle on gas cock counterclockwise to close gas valve.
8. Close valve on nitrogen tank.
9. Slowly loosen the connector at the pressure regulator hose to release pressure from the hose.
10. Remove gas cock from accumulator. Install cap on accumulator.

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