

INSPECTION AND RECHARGING PROCEDURES FOR THOMAS GLOVER POWERX CARBON DIOXIDE MODELS FPC2SC (9705/00)

INSPECTION PROCEDURE

1. Check that the safety pin and plastic pull-tie are in position. If the condition of the extinguisher indicates that it may have been partially discharged, discontinue inspection and return the extinguisher for refilling. If new, remove blanking plug from valve outlet.
2. Check the stamped date of manufacture or last re-test date stamped on the neck of the cylinder. Determine dates for cylinder hydraulic testing (HT) i.e. ten years from last stamped date.
3. Remove horn assembly and ensure horns, swivel arms and hoses are clear of obstruction. Discard the old rubber 'O' seal (2kg) or fibre washer (5kg).
4. Check weigh extinguisher against the gross weight stamped on the neck of the cylinder. If a loss of 10% or more of the content weight is found, return the extinguisher for refilling.
5. Examine the extinguisher body and operating head for damage and corrosion and check that the operating and servicing instructions are legible.
6. Pull out the safety pin ensuring that it can be removed freely. Refit pin with a new pull-tie.
7. For 2kg

Fit a new rubber 'O' seal to the recess in the end fitting of the horn assembly. Insert the end fitting into the valve discharge outlet ensuring that the rubber 'O' seal is located within the outlet then tighten the hexagonal nut with a spanner. Check that the swivel arm remains in the operating position (i.e. at approx. 45°) without external support then reposition horn down to the vertical.

For 5kg

Using a new fibre washer, refit the hose and horn assembly to the valve discharge outlet. Hand tighten the hexagonal nut then nip up quarter/half turn with a spanner. Affix the hose horn assembly to the handle stowage point.

8. Wipe extinguisher with a clean cloth.
9. Record inspection date, weight without hose/horn assembly, service details and ID on the service record label.

RECHARGING PROCEDURE

The recharging of carbon dioxide cylinders can NOT be carried out on site. This must be carried out at refilling centres.

NO ATTEMPT SHOULD BE MADE TO REMOVE THE HEXAGONAL NUT ON THE OPERATING HEAD. This contains a safety bursting disc.

PARTS LIST

Part No.	Description
47/51734	Valve assembly - 2kg/5kg aluminium 200 Bar Cylinder
47/51711	Valve assembly - 2kg/5kg aluminium 212 Bar Cylinder
23/52855	Safety pin less tie non-magnetic (pack of 50)
47/95109	Swivel horn - 2kg (Frost Free)
47/95110	Swivel horn - 2kg non-magnetic
47/51750	Discharge tube assembly - 2kg aluminium
47/50928B	Neck O ring seal - 2kg/5kg aluminium (pack of 1000)
47/51203	Swivel horn O ring seal - 2kg (pack of 100)
47/55165	Wall bracket - 2kg aluminium
ENQUIRE	Pulltite Seal