# **LIQUID CHARGER**



Liquid charging is recommended when charging blends into refrigeration and air conditioning systems, and a liquid charger adapter is necessary for safe and fast liquid charging through the low pressure side of a system.

- The adapter connects to the cylinder valve or refrigerant can
- To protect the compressor, adapter orifice reduces liquid flow to a level below compressor capacity
- Eliminates the time and work of heating cylinders

#### UPC# Description 41123 1/4" Liquid charging adapter

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	41124	5/16" Liquid charging adapter
	41132	1/4" "O" ring and orifice
	41138	5/16" "O" ring and orifice

# **"O" RING LUBRICANT**



MADE IN THE USA

To lubricate "O" rings in manifolds when pistons or "O" rings are being replaced. Use sparingly.



UPC# Description 41118 "O" ring lubricant (0.75 oz.)

# **MANIFOLD PARTS KIT** For Series 41, TITAN<sup>™</sup>, and *BRUTE II*<sup>™</sup> Manifolds





UPC#	Description
41099	Complete kit
41105	Box only with label
Kit co	ntents/quantity
41041	Yellow handle with screw - TITAN (4)
41042	Blue handle with screw - TITAN (3)
41044	Red handle with screw - TITAN (3)
41048	Handle screws (2) - Series 41/TITAN/BRUTE II (6 sets)
41061	Sight glass (1), retainer (1), gaskets (2) - BRUTE II/TITAN (4 sets)
41090	Handle screws (2) - Older style BRUTE (6 sets)
41091	Yellow handle with screw - BRUTE II (4)
41092	Blue handle with screw - BRUTE II (3)
41094	Red handle with screw - BRUTE II (3)
41096	Valve retaining nut - BRUTE II (4)
41103	3/8" Piston - BRUTE II (8)
41106	Feed screw - BRUTE II (4)
41134	Feed screw - Series 41/TITAN (6)
41135	Valve retaining nut - Series 41/TITAN (6)
41141	Metal handle with screw - Series 41 (4)
41142	Handle screws (2) - Series 41/TITAN/BRUTE II (6 sets)
41133	1/4" Piston - Series 41/TITAN (6)

## MANIFOLD CARRYING CASES



Heavy duty blue blow- molded cases are available in four different manifold/hose configurations. Includes handle and a long life top hinge. MADE IN THE USA

#### UPC# Description

Series 41 case - 12 1/4" x 8" x 4 1/4" 40263 Case for BRUTE<sup>™</sup> II and Refrigeration System Analyzer 40822 (40815) - 6-1/2" x 17" x 14"

## MANIFOLD PARTICULATE FILTER



As manifold usage changes with more recovery change outs, more particulate matter is drawn through manifolds. Trap the particles with these fittings before they damage valve seats or pass into your THE USA recovery equipment. Replaceable, cleanable screens.

MADE IN THE USA

### UPC# Description

- 41119 1/4" Manifold particulate filter
- 41120 3/8" Manifold particulate filter
- 41121 1/2" Manifold particulate filter
- 41122 Replacement filter screen (5 pak)

# SIGHT GLASS TOOL

Designed to fit into the TITAN and BRUTE II sightglass retainers, metal insert allows you to remove or tighten the retainer using a 1/4" drive wrench.

#### UPC# Description

41095 Sight glass tool for TITAN/BRUTE

- SINGLE GAUGE MANIFOLD
- · Check pressure on lo-side of system
- Nylon seals and double "O" ring pistons

## UPC# Description

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	Lo-side manifold R-12/22/502	40318
	Lo-side manifold R-134a/404A/407C	40319
	Lo-side manifold R-410A	40320
	Lo-side 1/4" valve R-32/410A	40326
	Lo-side manifold R-600A	40338
	Hi-side manifold R-600A/600/290	40339
MADE IN THE USA	Lo-side manifold R-600A/600/290	40340
	Low-side manifold R-600a/290	40349

ST GAUGES	C
ecks – use lo- or hi-side	

40332

40331

## SINGLE TE Quick pressure che gauge with quick coupler to attach directly

#### to system or tanks. 1100 / D

UPC#	Description
Gauge	with quick coupler and 12" hose - angle coupling
14811	12" Red hose 1/4" Male flare x 45° quick coupler
14821	12" Blue hose 1/4" Male flare x 45° quick coupler
19110	Quick coupler only
Gauge	with 19110 quick coupler for recovery tank pressure checks
40331	Red pressure °F
40332	Blue compound °F
40341	Red pressure w/quick coupler & hose
40342	Blue compound w/quick coupler & hose
19110	Quick coupler only
40334	Red pressure °F; 0 - 800 psi; R-22/404A/410A
40335	Blue compound °F; 0 - 800 psi; R-22/404A/410A
40344	Red pressure °F; 0 - 800 psi; R-22/404A/410A; with quick coupler and hose
40345	Blue compound °F; 0 - 800 psi; R-22/404A/410A; with guick coupler and hose

VACUUM PUMP SYSTEMS

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**CHARGING HOSES** VACUUM AND 9

**VALVES & PARTS** HOSE ADAPTERS

7. WIRELESS AND INSTRUMENTS ELECTRONIC