



KARRYKRIMP HK8201

Standard) HK8201



- HO104 Hose & Swivel hose adaptor **presses**
- KARRYKRIMP can combine HO104 Hose & Swivel hose adaptor Hose.

ASSEMBLING TOOL MARK10

Standard) MARK10



- HO055 Hose & Straight Swivel **presses**
- Assembling tool can combine HO055 Hose and Straight Swivel.
- It is easy to carry, so suitable for moving around work place.

GAS BOOSTERS S86JN

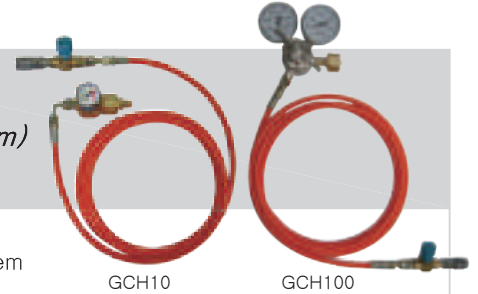
Standard) S86JN



- GAS BOOSTER
- Gas booster increases gas pressure ratio to user's setting during charging gas of fitting type gas spring.
- Pressure ratio (30:1)

HOSE ASSEMBLY GCH10

GCH100 (Length:3m)
Standard) GCH10
GCH100



- Charging Hose System

HOSE SCISSORS HS10

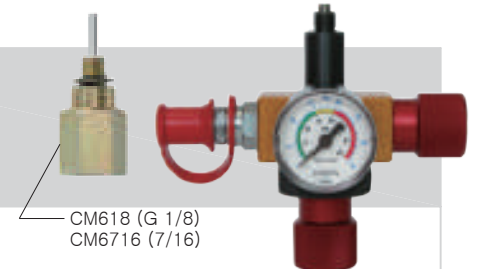
Standard) HS10



- Hose Cutter

PRESSURE TESTER

PT118 (G1/8 type)
PT716 (7/16 type)
Standard) PT118



- Cross Pressure Tester
- Portable pressure tester is used for controlling and charging pressure of self contained type.
- Please select the correct model which fits to product.

CHARGING COUPLING VC55

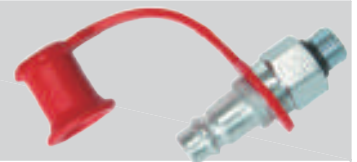
Standard) VC55



- Charging Female Coupling
- It is used for charging a gas in combination with the charging plug.

CHARGING PLUG

VC1118 (G 1/8)
VC11716 (7/16)
Standard) VC1118



- Charging Male Plug
- It is used for charging a gas in combination with the charging coupling.

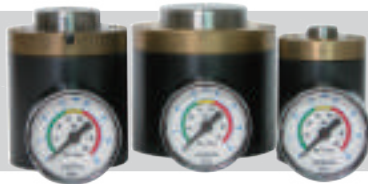




COMPACT LOAD CELL

CLC
Standard

Standard) CLC 1500



- Gas pressure gauge
- It measures accurate pressure by placing on product.
- Please select correct model which fits to product

- Range
 - bar (0 ~ 400)
 - MPa (0 ~ 40)

DIGITAL LOAD CELL

DLE10

Standard) DLE10



- Digital load checking gauge
- It measures load by placing gas spring on the gauge.

- Load Range
 - 0 ~ 10t (0 ~ 100kN)

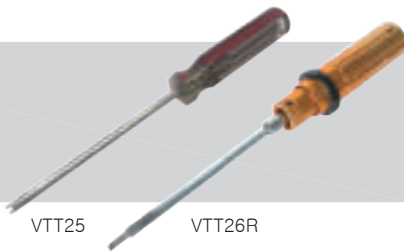
VALVE TIGHTEN TOOL

VTT25

VTT26R

Standard) VTT25

VTT26R



VTT25

VTT26R

- Torque Driver
- It is used for assemble or disassemble a valve.
- This tool prevents a valve from breaking.

VALVE CONTROL TOOL

VCT18 (G 1/8 type)

VCT06 (M6 type)

Standard) VCT18

VCT06



VCT18

VCT06

- Gas Control Tool
- It is used for exhausting gas, when you disassemble a gas spring.
- Please select correct model which fits product.

STOPRING REMOVAL TOOL

SRT42 (0350 ~ 4200)

SRT50 (5000 ~ 10000)

Standard) SRT42



- It is used for removing a stopring, when you disassemble a gas spring.
- Stopring can be removed by stopring removal tool after using valve control tool.
- Please select correct model which fits product.

T-REMOVAL TOOL

TRT06 (M6 type)

TRT08 (M8 type)

Standard) TRT06



- Gas Spring Disassembly Tool
- Sequence
 - ① Remove the gas to valve control tools
 - ② Remove the ring by using the Stopring Removal Tool.
 - ③ Isolates the Rod Ass'y from the cylinder using the T-Removal Tool.
- Please select correct model which fits product.

PRESSURE GAUGE

GAU400L

GAU400G

Standard) GAU400L

GAU400G



GAU400L

GAU400G

- Compact Pressure Gauge
- Range
 - bar (0 ~ 400)
 - MPa (0 ~ 40)

VALVE

CV100

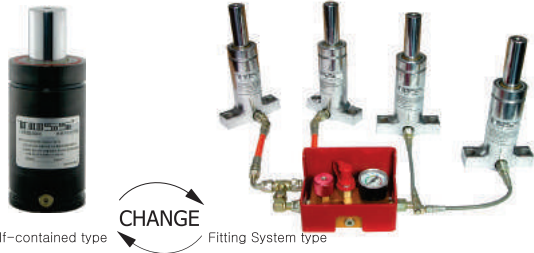
Standard) CV100



- Check Valve
- When you change fitting system type gas spring to self-contained type, you can assemble or disassemble with valve tighten tool.



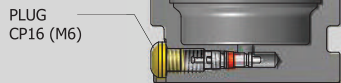
PIPING CHANGE PROCEDURE NITROGEN GAS SPRING



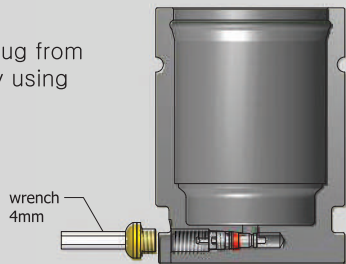
Self contained gas spring and fitting system type gas spring can be switched each other when condition of work changes.

Self-contained type (M6 PORT) → Fitting System type

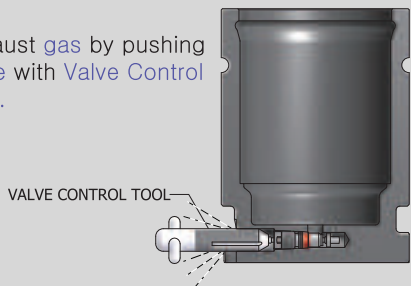
1.1
How to change a self-contained type into a fitting system type preparation for switching to a fitting system type.



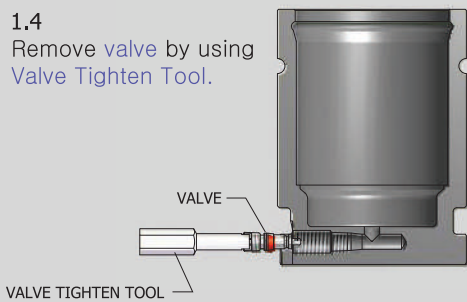
1.2
Remove plug from cylinder by using wrench.



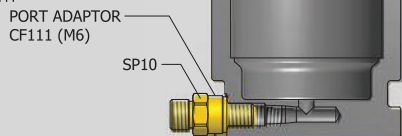
1.3
Exhaust gas by pushing valve with Valve Control Tool.



1.4
Remove valve by using Valve Tighten Tool.



1.5
Install Port Adaptor on Cylinder.
Now, ready for a fitting system



APPLYCATION MODEL

- ◆ TSP4200 ~ 9500
- ◆ TSX1000 ~ 6600
- ◆ TST1000 ~ 9500
- ◆ TSM1500 ~ 5000
- ◆ TSS0750 ~ 5000
- ◆ TSL0500 ~ 10000

Fitting system type ↔ Self-contained type
(G 1/8, 7/16 PORT)
refer to 2.1 ~ 2.5

- ◆ TSP0350 ~ 2400
- ◆ TSX0350 ~ 0750
- ◆ TSM0300 ~ 0750/TTM0300

Self-contained type ↔ Fitting system type
(M6 PORT)
refer to 1.1 ~ 1.5

PLUG PORT ADAPTOR Removal Tool

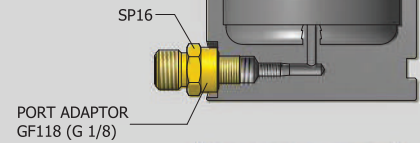
1. G 1/8
7/16-20 → 5mm wrench
M6 → 4mm wrench
2. M6 PORT ADAPTOR
→ (SPANNER 10mm)
3. G 1/8
7/16 PORT ADAPTOR
→ (SPANNER 16mm)

※ Note

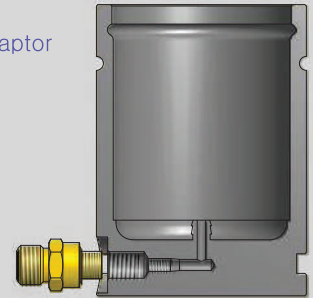
- 1.4 Make sure there is no residual gas left inside of cylinder before opening the valve. Then, remove the valve by using Valve Control Tool.
- 1.5 Make sure the O'ring places inside of the port adaptor before installation of cylinder.
- 2.3 Fasten the valve using valve tighten tool by torque of 9.8kgf · cm.
- 2.4 Make sure the O'ring places inside of plug before installation of cylinder.

Fitting System type (G 1/8, 7/16 PORT) → Self-contained type (M6 PORT)

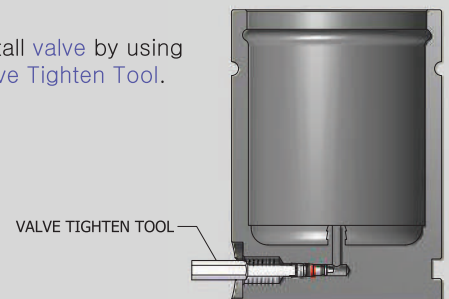
2.1
How to change a fitting system type into a self-contained type preparation for switching to a self-contained type.



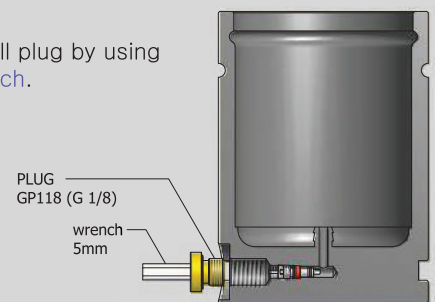
2.2
Remove Port Adaptor from cylinder.



2.3
Install valve by using Valve Tighten Tool.



2.4
Install plug by using wrench.



2.5
Now, ready for a self-contained type

