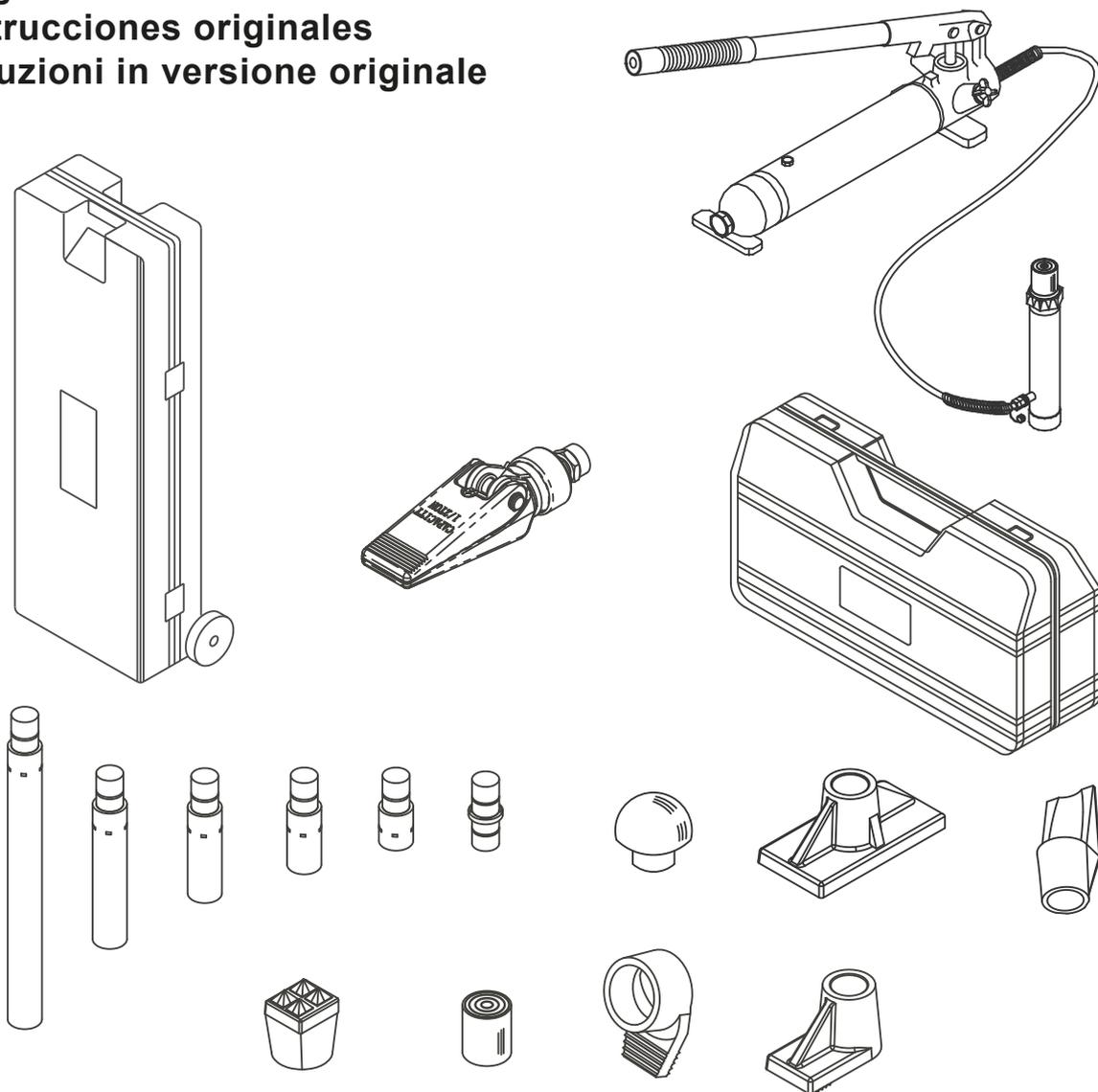


OMEGALIFT

EQUIPMENT

Original instruction
Ursprüngliche Anweisung
Instructions originales
Originele instructie
Instrucciones originales
Istruzioni in versione originale



50040 - 4 Ton
50100 - 10 Ton



SHINN FU EUROPE B.V.

Etten-Leur - The Netherlands
<http://www.shinnfu.nl>
e-mail : sales@shinnfu.eu

OWNER'S RESPONSIBILITY

The owner and/or operator must have an understanding of these operating instructions and the following warnings before operating the jack. It is necessary that the operator can watch the lifting device and the load during all movements. It is not allowed to work under the raised load until it is secured by suitable means.

WARNING

1. **The auto body repair kit** is an extending device only, and is designed for use only with OMEGA repair kits and attachments. Use with non-OMEGA repair kits or attachments may result in overloading, a reduce in load capacity and stability, or system failure.
2. **Do not overload.** Overloading may cause the repair kit or attachments to bow or slip, resulting in personal injury, or damage to the equipment.
3. **Maintain proper oil level** in the pump (see figure 1). Overfilling may cause damage to, or failure of the repair device. Please refer to "MAINTENANCE" for the refilling process.
4. **When off-set attachments** are applied, the rated capacity will always be reduced by 50%. For each extension tube used in the setup, the overall rated capacity is reduced by an additional 50%. Please refer to "AUTO BODY REPAIR KIT SETUP" for details.
5. **Do not open** the filler screw (see figure 7) for any reason unless the ram is fully retracted.
6. **Do not connect** the pump to any ram that is extended or partially extended.
7. **Before applying a load**, be sure that all attachments and extension tubes are fully engaged.
8. **In order to avoid** any off-center load condition, the load shall always be centrally applied to attachments and the ram saddle (see figure 2).
9. **When changing oil**, do not use mixing types of oil, and never use brake fluid, alcohol, glycerin, detergent, motor oil, or dirty oil. Improper fluid will cause serious internal damage to the repair kit and render it inoperative. For more information on jack oil, please contact local service centers.
10. **Never** reach hands in the spreader to avoid personal injury (see figure 3).
11. **Avoid** sharp kinks in the hose. Always keep the hose in a straight or slightly bent condition (see figure 4).
12. **Never** put heavy load on the hose, and avoid any cut to it to prevent explosion during operation (see figure 5).
13. **It is recommended** to use a pressure gauge (not available with the repair kit) to verify the actual load in various types of setups (see figure 6).
14. **It is owner's responsibility** to keep all decals legible and intact. Replacement decals may be available in service centers and are offered by request from the factory.

INSPECTION

1. Visual inspection shall be made before each use of the jack, checking for leaking hydraulic fluid, and damaged, loose or missing parts.
2. The owner and/or the user shall be aware that repair of this equipment may require specialized knowledge and facilities. It is recommended to have an annual inspection of the jack done by an authorized service center and that any defect parts be replaced with genuine OMEGA parts.
3. Each piece of the kit shall be inspected by a service center should abnormal load or shock occur.

ASSEMBLY

1. To prepare the pump and the ram for operation (see figure 7), remove dust covers from both hose and ram coupling. Connect hose coupling to ram coupling and the thread retaining ring to hold the hose in position. Select an appropriate attachment and assemble onto the ram plunger. Make sure that an attachment is properly assembled on the plunger.
2. **Note:** The thread protector shall be retained for reuse.
Use of extension tubes or off-center attachments such as the ram plunger and the ram toe will significantly reduce the capacity of the device. When using extension tubes, the shortest tube shall always be put on the ends. Never put them in the middle of the setup.

INSTRUCTIONS BEFORE USE

1. CHECK OIL LEVEL

With the pump in an upright position and the ram completely retracted, open the release valve by turning release assembly counterclockwise, and remove the filler screw. Oil shall be just up to the hole (see figure 1). Fill if necessary with good grade hydraulic jack oil.

2. LUBRICATE INTERNAL COMPONENT

With the release valve open, pump the handle several strokes to assure proper internal lubrication.

Note: The pump is equipped with a safety valve that will release hydraulic jack oil into the reservoir when the inner pump pressure reaches its maximum limit. Then, continual pumping will not actuate the system. However, watch for signs that the system is overloading or that the attachment setup is unstable. If bowing of extension tubes or shifting of attachments occurs, release the pump immediately and readjust the setup. Continual overloading on a work piece may indicate a higher capacity body frame kit is required.

OPERATION INSTRUCTIONS

If raising a vehicle, be sure to set the parking brake and block the wheels (see figure 7).

1. TO OPERATE

Close the release valve (see figure 7) by turning it clockwise until snug (Note: Do not over tighten). Operate the hand pump (see figure 8) until the ram plunger extends and contacts a work piece. Continue pumping until desired operation is completed.

2. TO RELEASE

Slowly turn the release valve (see figure 9) counter clockwise to release the pump and retract the ram plunger. Release speed can be controlled by the amount the release valve is turned.

Note: The pump is equipped with a safety valve that will release hydraulic jack oil into the reservoir when the inner pump pressure reaches its maximum limit. Then, continual pumping will not actuate the system. However, watch for signs that the system is overloading or that the attachment setup is unstable. If bowing of extension tubes or shifting of attachments occurs, release the pump immediately and readjust the setup. Continual overloading on a work piece may indicate a higher capacity body frame kit is required.

MAINTENANCE

1. AFTER USE

When the repair kit is not in use, keep the ram retracted and the release valve closed. Always keep the repair kit and attachments clean, and frequently lubricate moving parts of the pump. Store the repair kit and attachments in the box when not in use.

2. REFILL JACK OIL

If hydraulic jack oil is required, remove the filler screw, and only fill with good grade jack oil. The oil should be just filled just up to the hole of the reservoir.

3. BLEED HYDRAULIC SYSTEM

During transportation, storage, or through use, the pump or the ram plunger may become low on oil or air-bound. To bleed the hydraulic system, place the pump in a horizontal position and make the ram plunger pointed downwards (see figure 10). Be sure that the position of the ram and the hose must be lower than the pump discharge 2. port. Open the release valve on full turn, and pump the handle full stroke around 10 times. Close the release valve, and pump to fully extend the ram plunger, then release. Repeat 2 or 3 times if necessary.

OPERATING POSITION

When the pump is used in a horizontal position, the handle shall be set on top. When the pump is used in a vertical position, the hose shall be pointed downwards (see figure 11). Any other positions will prevent oil from being pumped into the hose and the ram plunger.

Fig.1

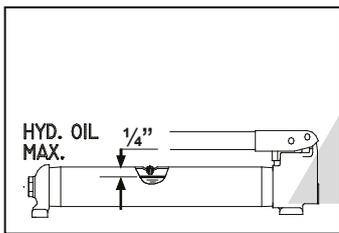


Fig.2

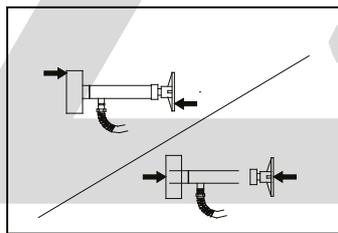


Fig.3

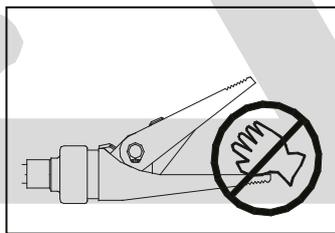


Fig.4

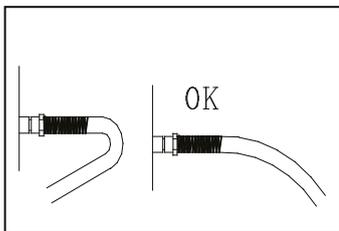


Fig.5

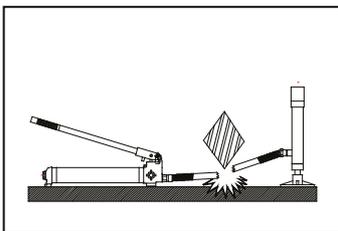


Fig.6

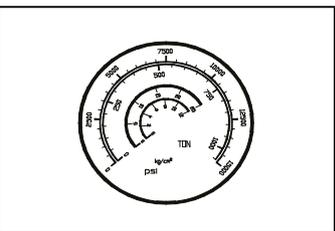


Fig.7

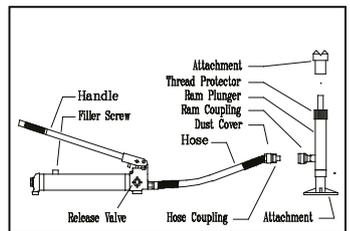


Fig.8

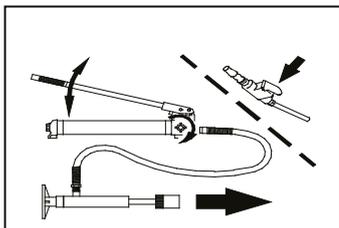


Fig.9

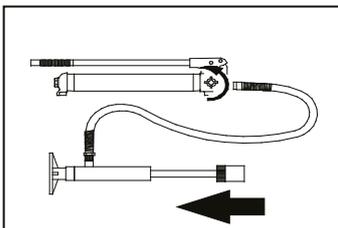


Fig.10

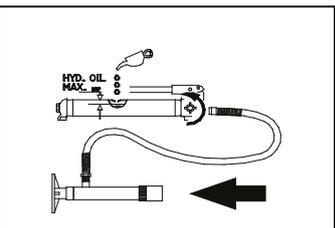
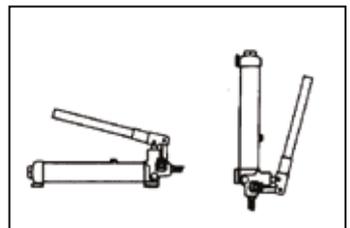


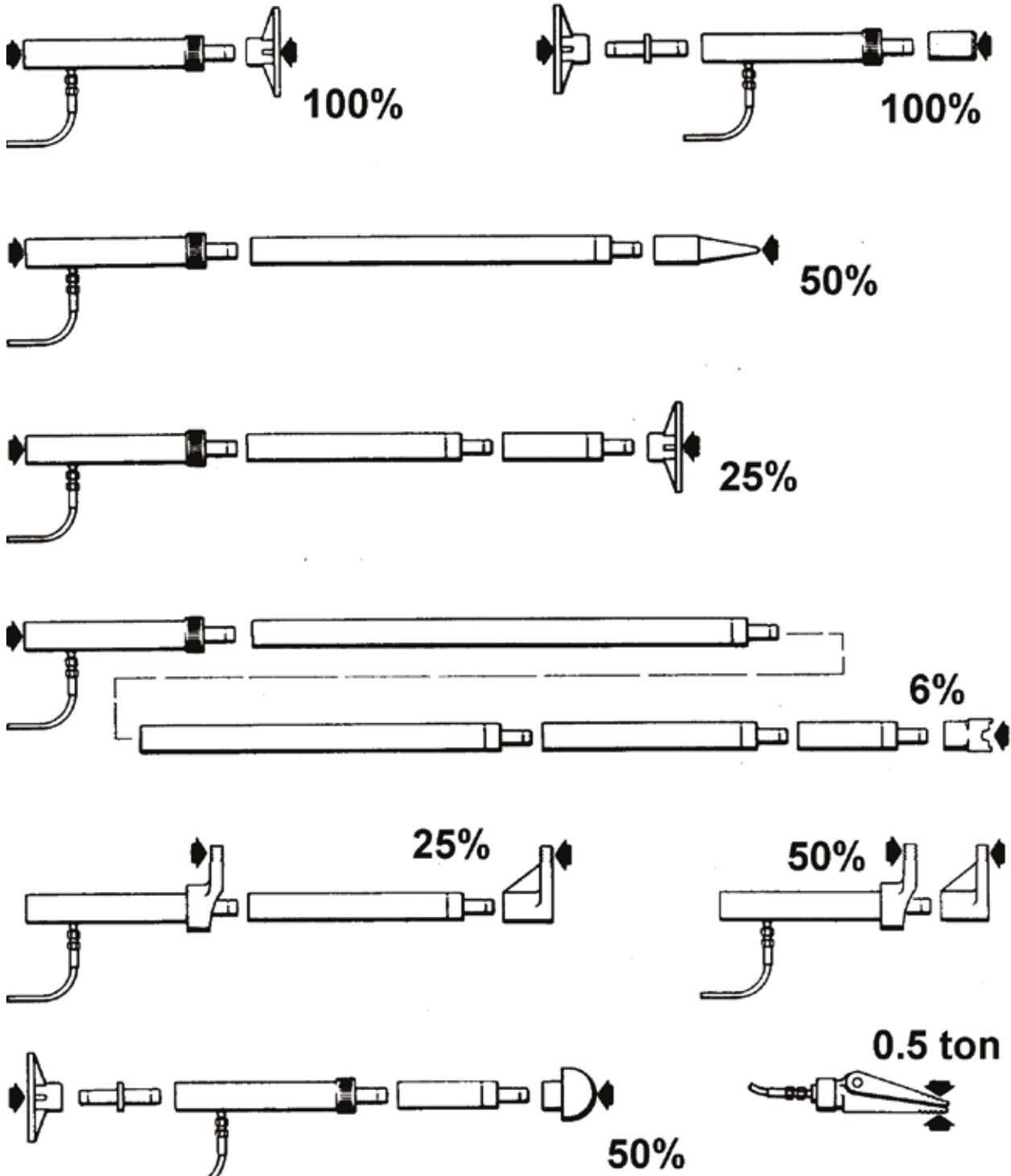
Fig.11



AUTO BODY REPAIR KIT SETUP

The capacity of the auto body repair kit can be significantly affected by the number of attachments used and the type of load applied. The approximate load capacity of each setup is illustrated above.

When two or more extension tubes are used together, be sure to position the shortest tube farther away from the ram.



(GB)

DECLARATION OF CONFORMITY

According to the EC Machinery Directive, the undersigned, authorized by Shinn Fu Europe B.V., Etten-Leur, the Netherlands, hereby declares under our sole responsibility that the models listed below and its variant, the under types to which this declaration relates, if used and maintained in accordance with the instructions for use and the codes of good practice, comply with the essential health and safety requirements of the EC Machinery Directive.

For and on behalf of Shinn Fu Europe B.V.

(D)

ÜBEREINSTIMMUNGSERKLÄRUNG

Gemäß der EG Maschine Richtlinie, bescheinigt Unterzeichneter, Bevollmächtigter von Shinn Fu Europe B.V., Etten-Leur, Niederlande, hiermit unter unserer exklusiven Verantwortlichkeit, daß der Modelle verzeichneten unten und seine Variante Artikel für welche diese Erklärung gültig ist, vorausgesetzt daß der Richtsatz verwendet und betreut wird nach den Gebrauchsanweisungen, den notwendigen Gesundheits und Sicherheitsvorschriften der EG Maschine Richtlinie entspricht

Für und im Namen von Shinn Fu Europe B.V.

(F)

DÉCLARATION DE CONFORMITÉ

Conformément à la directive CE "Machine", le soussigné, étant mandataire de Shinn Fu Europe B.V., Etten-Leur, Pays-Bas, déclare à la responsabilité exclusive de la firme mentionnée ci-dessus que les modèles ont énuméré ci-dessous et sa variante proches pour lesquels vaut cette déclaration, répondent aux exigences de sécurité et de santé de la directive CE "Machine", à condition qu'ils soient employés et soignés conformément au mode d'emploi.

Pour et au nom de Shinn Fu Europe B.V.

(NL)

VERKLARING VAN OVEREENKOMST

Overeenkomstig de EG machine richtlijn, verklaart ondergetekende, gemachtigde van Shinn Fu Europe B.V., Etten-Leur, Nederland, hierbij onder onze exclusieve verantwoordelijkheid dat de modellen maakten hieronder van een lijst en zijn variant voor welke deze verklaring geldt, mits gebruikt en onderhouden volgens de gebruiksaanwijzing, voldoet aan de noodzakelijke gezondheids en veiligheidseisen van de EG machine richtlijn.

Voor en namens Shinn Fu Europe B.V.

(E)

DECLARACIÓN DE CONFORMIDAD

En acordancia con la Directiva de Máquinaria, el abajo firmante, autorizado por Shinn Fu Europe B.V., Etten-Leur, the Netherlands, aquí y ahora declara bajo su entera responsabilidad que gato los modelos enumerados abajo y su variante, a los cuales esta declaración también hace referencia, si se utiliza y se mantiene en acordancia con las a los instrucciones de uso y los códigos de buenas prácticas, cumplen los requerimientos esenciales de seguridad e higiene de la Directiva anterior.

Por y en nombre de Shinn Fu Europe B.V.

(I)

DICHIARAZIONE DI CONFORMITA'

In accordo con quanto stabilito dalla Norma Europea, il sottoscritto autorizzato dalla Shinn Fu Europe B.V., Etten-Leur, Nederland, dichiara sotto la sua esclusiva responsabilità che il sollevatore idraulico e i modelli hanno elencato qui sotto e la relativa variante, se usati secondo i criteri e le avvertenze riportati nel manuale di uso e manutenzione sono conformi ai requisiti essenziali per la salute e la sicurezza richiesti dalla Direttiva Macchine CE.

In nome e per conto della Shinn Fu Europe B.V.

Model / Modell / Modèle
Model / Modelo / Modello

50040 / 50100



**Machinery Directive 2006/42/EC
Standard :**

EN1494:2000 + A1:2008



SHINN FU EUROPE B.V.

Etten-Leur - The Netherlands
<http://www.shinnfu.nl>
e-mail : sales@shinnfu.eu

OMEGALIFT
EQUIPMENT

Auto Body Repair Kit

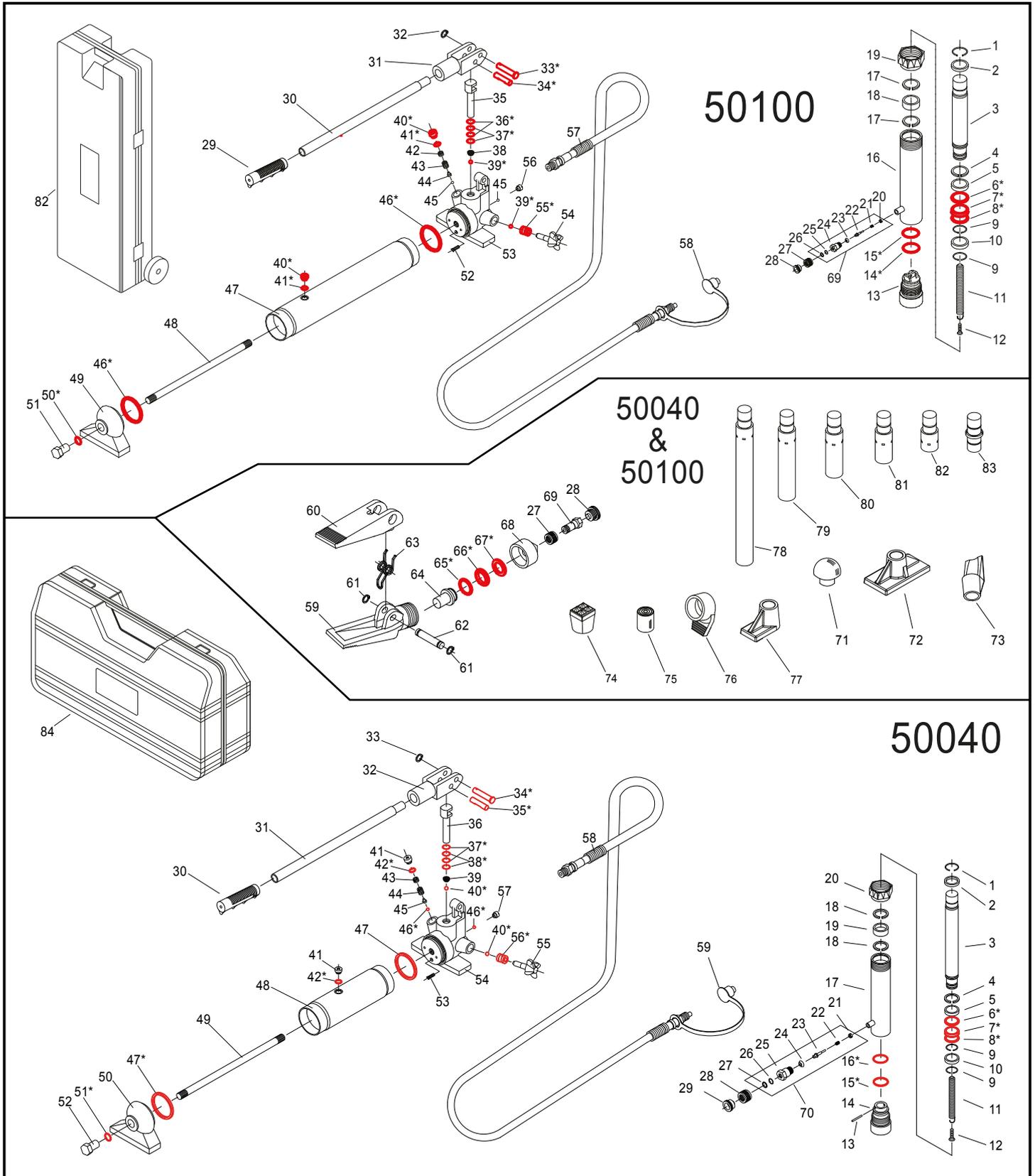
4 / 10 TON



SHINN FU EUROPE B.V.
Etten-Leur - The Netherlands
<http://www.shinnfu.nl>
e-mail: sales@shinnfu.eu

50400 / 50100

F0400S-0803 / F1000S-0803



OMEGALIFT
EQUIPMENT

Auto Body Repair Kit

4 / 10 TON

**SHINN FU EUROPE B.V.**Etten-Leur - The Netherlands
http://www.shinnfu.nl
e-mail : sales@shinnfu.eu

50400 / 50100

F0400S-0803 / F1000S-0803

Description	SFE#	BOM#	Qty	SFE#	BOM#	Qty
Cylinder		50040		50100		
Cylinder assy - 50040 (4T) / 50100 (10T)	50400 261 00	-	1	50100 261 00	-	1
Spreader						
Spreader assy	50040 528 00	-	1	50040 528 00	-	1
Hand Pump						
Hand Pump assy - 50040 / 50100	50040 271 00	-	1	50100 271 00	-	1
Coupler						
Cylinder Couple-F assy	50040 281 00	21-29	1	50040 281 00	20-28	1
Handle						
Handle Grip	50040 041 00	30	1	50040 041 00	29	1
Handle		31	1		30	1
Pump Piston						
Piston Rod	50040 081 00	36	1	50040 081 00	35	1
Filler Plug						
Oil screw	50040 171 00	41	1	50040 171 00	40	1
O-ring		42	1		41	1
Release Valve						
Knob	50040 063 00	55	1	50040 063 00	54	1
Hose						
Hose	50040 182 00	58	1	50040 182 00	57	1
Dust cover		59	1		58	1
Dust Cover						
Plastic cap for cylinder couple-F	50040 292 00	29	1	50040 292 00	28	1
Plastic cap for oil hose	50040 291 00	59	1	50040 291 00	58	1
Accessories - Heads & Tubes						
Roundness assy	50040 521 00	71	1	50100 521 00	71	1
Tie Block	50040 522 00	72	1	50100 522 00	72	1
Fock Base	50040 523 00	73	1	50100 523 00	73	1
90 Limit Base	50040 524 00	74	1	50100 524 00	74	1
Mind Cap	50040 525 00	75	1	50100 525 00	75	1
Corner Base	50040 526 00	76	1	50100 526 00	76	1
Mind Base	50040 527 00	77	1	50100 527 00	77	1
Extension Tube 21" (50040) / 28" (50100)	50040 531 10	78	1	50100 531 20	78	1
Extension Tube 18" (50040) / 19" (50100)	50040 532 10	79	1	50100 532 20	76	1
Extension Tube 10" (50040) / 11" (50100)	50040 533 10	80	1	50100 533 20	80	1
Extension Tube 7.5"	50040 534 10	81	1	----- N/A -----	-	-
Extension Tube 4.5" (50040) / 5" (50100)	50040 535 10	82	1	50100 534 20	82	1
Tube Joint - M2M	50040 539 00	83	1	50100 539 00	83	1
Repair kit						
Repair kit	50040 999 00	*	1	50100 999 00	*	1

