



TJM1001
TJM1002



FRJ-2000
FRJ-2000K



2000
2000



130
130



355
355



10,5
12



Product: Ferm trolley jack.

FRJ-2000, article number TJM1001

FRJ-2000K, article number TJM1002

Ferm b.v., Genemuiden, The Netherlands.

SERIAL NUMBER

The serial number on the machine consists of the following elements.

Serial nr.

ORDER NUMBER/YEAR OF CONSTRUCTION

CAREFULLY READ THE INSTRUCTIONS BEFORE YOU USE THE ROLLEY JACK!

1. SPECIAL SAFETY RULES



Non-observance of the following instructions can cause personal injuries and/or damage to the vehicle.

- Place the saddle of the jack only in the spot designed for this purpose. For the relevant jacking points please refer to your car instructions.
- The maximum load indicated on the jack must never be exceeded.
- The jack must be used as a lifting device only.
- Always place the jack on a hard and level surface.
- Always protect the car from rolling away. Before jacking up the car, place chocks behind and in front of the wheels remaining on the ground, if necessary. Put the car in first gear or put on the handbrake to further block the car.
- Make sure to place the jack in such a way that your hand is not underneath the car when jacking it up.
- Make sure the jack is horizontal.
- For your own safety, before working or crawling underneath the car jack up the car and support the shafts.
- Before using the shaft supports make sure they are in good condition.

2. OPERATION

1. LIFTING

Turn the screw of the relief valve clockwise as far as possible. The trolley jack is now ready to lift. Put the trolley jack horizontally on a flat surface, put the lever in the proper hole and start pumping by moving the lever up and down.

2. SHAFT SUPPORTS.

After jacking up the car the shaft supports should be installed. Lower the car by turning the the screw of the release valve anticlockwise, until the car rests on the supports. Never work under a car which only rests on the trolley jack.

3. LOWERING.

After the work is finished, the car is lifted again until the shaft supports are clear. Remove the shaft supports. Turn the screw of the relief valve anticlockwise and the car will be lowered. The further the screw is turned anticlockwise the faster the car will be lowered.

3. MAINTENANCE

REGULAR MAINTENANCE OF YOUR TROLLEY JACK PREVENTS PROBLEMS.

- Once a month the wheels, shafts and piston rods should be lubricated with lubricating oil and grease on the pivots of the lifting rods.
- The tank containing hydraulic oil is a closed tank which usually does not require maintenance. When frequently used, but at least once a year, the oil should be changed. For this purpose the top of the tank is fitted with an oil drain plug.



Only hydraulic oil should be used for refilling. Do not use engine or brake fluid.

4. TROUBLESHOOTING

In case the trolley jack does not work well, we give you subjoined some possible causes and their solutions:

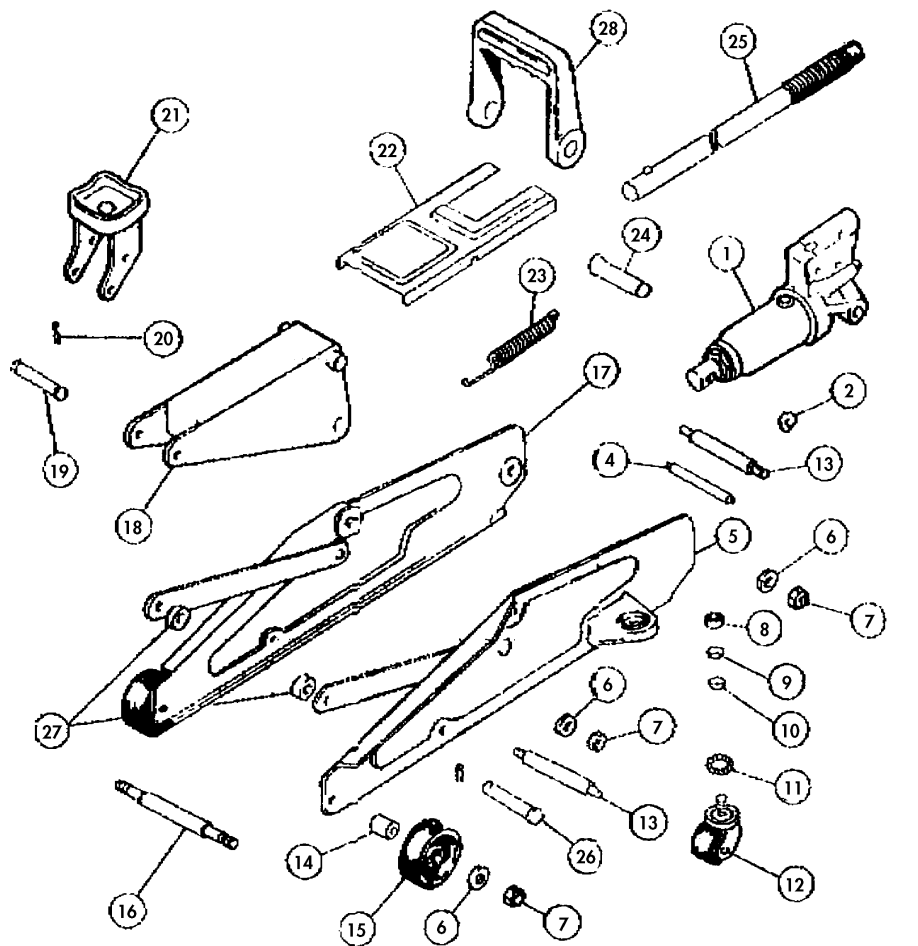
1. Trolley jack does not lift.

- Screw of the relief valve has not been turned clockwise.
 - Turn screw clockwise.
- Not enough oil in trolley jack.

Available accessories for FRJ-2000(K)

REF.NR.	DESCRIPTION	FERM NR.
1	HYDRAULIC UNIT ASSEMBLY	208901
12	CASTOR WHEEL	208902
13	CONNECTING SHAFT	208903
15	FRONT WHEEL	208904
16	FRONT SHAFT	208905
18	MAIN LIFTING ARM ASSEMBLY	208906
21	LIFTING SADDLE	208907
22	PROTECTING COVER	208908
23	RETURN SPRING	208909
25	LEVER	208910
28	GRIP	208911

EXPLODED VIEW



- Remove the rubber cap on the top of the storage tank and fill with oil.
- Defective or dirty valve.
- Charge or clean valve.
- Worn gaskets.
- Change gaskets.
- Air in the hydraulic system.
- Open the relief valve by turning the screw to the left and pull the lever upwards, by hand. Then lower it again. The air will now disappear. If necessary, repeat this operation.

2. Jack only lifts as far as half the maximum height.

- Not enough oil in the tank.
- Refill oil.

3. Trolley jack comes down after lifting.

- Defective or dirty valve.
- Change or clean valve.
- Defective piston packing.
- Change packing.

4. Trolley jack does not rise fast enough.

- Defective plunger packing.
- Change packing.
- Defective or dirty valve.
- Change or clean valve.

CE DECLARATION OF CONFORMITY (GB)

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents

DIN 76024
VBG 8

in accordance with the regulations:

89/392/EEC

from 26-05-1998
GENEMUIDEN NL
W. Kamphof
Quality department

D Deutsch

Produkt: Ferm Rangierwagenheber.
FRJ-2000, Artikelnummer TJM1001
FRJ-2000K, Artikelnummer TJM1002
Ferm B.V., Genemuiden, Die Niederlande.

SERIENNUMMER

Die Seriennummer auf dem Gerät setzt sich folgendermaßen zusammen:

Serial nr.

ORDERNUMMER/BAUJAHR

LESEN SIE DIESE GEBRAUCHSANWEISUNG GUT DURCH, BEVOR SIE DER RANGIERWAGENHEBER BENUTZEN.

I. SPEZIELLE SICHERHEITSVORSCHRIFTEN

DIE NICHTBEACHTUNG DER FOLGENDEN HINWEISE KANN PERSONEN- UND SACHSCHADEN ZUR FOLGE HABEN!

1. Der Sattel des Hebers ist nur an den vom Fahrzeughersteller vorgesehen Positionen anzusetzen. Für die diesbezüglichen Stützpunkte, ziehe man die Hinweise zu Rate, die zum Auto gehören.
2. Die auf dem Heber angegebene Höchstlast darf nicht überschritten werden.
3. Der Heber ist nur als Hebezug zu benutzen.
4. Die Benutzung darf nur auf einem hartem und ebenem Untergrund erfolgt werden
5. Das Fahrzeug ist vor dem Anheben gegen wegrrollen zu sichern. Legen Sie vor dem Anheben Blöcke vor und hinter die Räder die auf dem Boden stehen bleiben. Benutze, wenn notwendig, der 1e Getriebe oder die Handbremse um den PKW zu blockieren.
6. Der Heber ist so zu positionieren, daß beim Heben nicht unter das Fahrzeug gegriffen werden muss.
7. Nach dem Anheben müssen die Achsstützen aufgestellt werden, um Sicherheit zu leisten.
8. Kontrollieren Sie die Achsstützen auf Tauglichkeit hin, bevor sie benutzt werden.

2. BEDIENUNG

I. HEBEN

- Drehen Sie den die Schraube des Entlastungsventils möglichst weit nach rechts (Uhrzeigerichtung). Der Heber ist jetzt hebefertig.
- Stellen Sie den Heber waagrecht auf einem ebenen Untergrund auf, bringen Sie den Hebel in die dazu bestimmte Öffnung und fangen Sie zu pumpen an, indem Sie den Hebel auf und ab bewegen.