

MAJORLIFT

1971



DEFENCE



Keeping the military moving



PROFESSIONAL HYDRAULIC LIFTING EQUIPMENT

OUR VALUES



SAFETY

Safety is our priority. Our equipment is designed and engineered to be safe.



QUALITY

We manufacture market leading high performance equipment.



TEAMWORK

We work together as **Team Majorlift** to design and engineer the very best quality products.



EXPERTISE

We are a skilled professional team with in depth knowledge and expertise.



SUPPORTIVE

We support your industry with excellent customer service.

MAJORLIFT

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Professional hydraulic lifting equipment

Majorlift are the market leaders in the manufacture of a complete range of hydraulic garage equipment for the truck, bus, plant and defence industries, and we are proud that all of our hydraulic lifting equipment is designed and engineered by Majorlift in the UK.



5 YEAR WARRANTY

We offer a 5 year warranty on most new Majorlift products.



MADE IN THE UK BY MAJORLIFT

All Majorlift products are designed and manufactured right here in the UK.



MANUFACTURED BY MAJORLIFT

Our products are designed and engineered to the highest quality.



SERVICED AND SUPPORTED

All Majorlift products are serviced and supported by Majorlift. We provide a comprehensive range of approved Majorlift Spare Parts.

DESIGNED BY MAJORLIFT

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Majorlift have a highly experienced design team that meticulously design and develop each product.



ENGINEERED BY MAJORLIFT

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Majorlift manufacture each component in house to ensure that it is engineered to the highest quality.



Majorlift have a team of expert engineers, welders, fabricators and painters.

Our highly skilled team create each component to the highest quality standards.

We are quality approved to ISO 9001:2015 standard and we conform to machine directive 2006/42/EC.



Our aim is to create products that will effectively serve and support your industry.

Keeping up with ever changing demands, Majorlift design and develop new hydraulic lifting equipment to service and support our customers.



QUALITY CONTROLLED BY

MAJORLIFT

Our expert quality control team check each component before assembly.



BUILT BY

MAJORLIFT

Majorlift products are assembled by hand by experts to ensure safety and reliability.



At Majorlift we pride ourselves on creating tools that will provide safe, reliable, powerful service for years to come.

Majorlift products are expertly assembled to ensure safety and reliability.

Nothing leaves the factory until we are happy that the product has been correctly assembled and fully tested.



All Majorlift products are built at our factory with 95% of parts and components being manufactured in-house. This enables us to control the quality at all stages of production.

We work to fine tolerances and use sensitive equipment to accurately measure each component.

Quality control is crucial to ensure that when the parts are finally assembled, every single component performs as it should.



TESTED BY
MAJORLIFT 1971

Majorlift test each product before it leaves the factory.

Majorlift rigorously test each product to make sure that it performs exactly as it was designed to do.

Every single function of each product is tested under load to make sure that the products are safe, reliable and powerful.



SERVICED BY
MAJORLIFT 1971

Majorlift offer excellent customer support to the industry with a service and refurbishment department.

At Majorlift we offer a complete refurbishment service to support each product long into the future. Our service department pride themselves on being able to deliver a complete bare metal refurbishment.

We restore products so that they can perform again for many more years. We pride ourselves on customer service and support. If you have any questions about our products and services please get in touch.



Majorlift provide a comprehensive range of spare parts.



Before refurbishment:



After refurbishment:



Majorlift are proud to have supported the UK Ministry of Defence by delivering specialist, high performance lifting equipment to military workshops for over 40 years.

Our experience of designing and manufacturing military lifting equipment has been challenging, yet extremely rewarding, to support engineers in safely lifting vehicles for maintenance.



AFJ4000 Lifting Warrior IFV



NSN 5120-99-845-6576 Lifting Boxer

Defence Sector

Majorlift are committed to supporting engineers and maintenance teams so that they can work efficiently and safely on military vehicles. Majorlift lifting equipment is specifically designed and manufactured to be powerful and stable enough to safely lift substantial military vehicles.

Majorlift are a registered defence contractor NCAGE Code KCUQ9. We have been suppliers of lifting equipment to the UK MOD for over 40 years.

A range of bespoke lifting equipment has been designed and produced to safely lift all types of military equipment from a 2 tonne Land Rover to a 100 tonne Main Battle Tank.

We understand that within the defence sector, workshop equipment needs to be extremely reliable at all times.

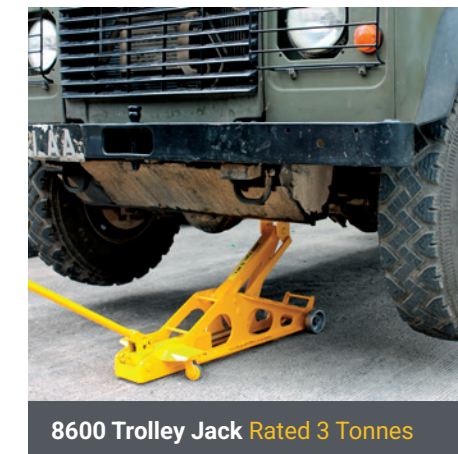
Majorlift lifting equipment is backed up by our dedicated team to offer comprehensive service and support. A full range of spare parts is available for our defence product range.

We are constantly evolving the design and manufacturing our defence lifting equipment to improve the power, performance, safety and functionality based upon feedback from engineers. We are very happy to conduct site visits to understand your requirements.

Majorlift are proud to serve the defence industry. Our NATO approved products cater for a wide range of military vehicles from light support and logistic vehicles up to Main Battle Tanks. We are proud that all of our military hydraulic lifting equipment are designed and engineered by Majorlift in the UK.



AFJ3000 Rated 20 Tonnes



8600 Trolley Jack Rated 3 Tonnes



AFJ3000 Rated 20 Tonnes

FLOOR MOUNTED JACKS

AFJ3000 – Air / Hydraulic



LOAD RATING OPTIONS:	AVAILABLE IN:
AFJ3000 - 20 T capacity	Air / Hydraulic



STANDARD ACCESSORIES

Each military floor mounted jack is supplied complete with a full set of slip-on adaptors to assist in jacking axles, diffs and chassis.

4101	V Head	Height 165mm x 2
4102	Dished Head	Height 89mm x 2
4103	Chassis Head	Height 54mm x 2
4105	6" Extension Tube	Height 152mm x 2
2626	Accessory Rack	



AFJ3000 Standard Accessories: x2

AFJ3000 Military Floor Mounted Jack

Majorlift's AFJ3000 jack is designed to engage the shackle mounts of your heavy duty military vehicles, allowing you to raise the front and/or rear of your equipment weighing up to 20 tonnes.

AFJ3000 Supported Military Vehicles

- Air operated, twin hydraulic ram, 20 tonne rated load
- Threaded rams
- 305mm and 457mm lifted stroke available

Product Specification

AFJ3000

- Twin rams threaded with locking safety collars for increased safety
- Air over hydraulic
- Rapid lift without load
- Rams are treated with a surface engineered process for increased working life
- Independent lifting ram controls
- Twin rams move side to side
- Retractable wheels
- Pressure relief valve prevents overloading
- Handle folds out of the way
- Numerous shackle adapters available



MILITARY ADAPTORS

Each military floor mounted jack can be supplied with the correct set of adaptors to assist in lifting each different military vehicle.

Adaptors for Military Vehicles include: MAN, DAF, Mastiff, Oshkosh, Heavy Expanded Mobility Tactical Truck (HEMTT), M916 Tractor Truck, M-920 Tractor Truck (MET), MaxxPro MRV (MRAP), Family of Medium Tactical Vehicles (FMTV), M1117 Guardian Armored Security Vehicle, Medium Tactical Vehicle Replacement (MTVR), Piranha, Eagle, Foxhound, JLTV



AFJ3000 Military Adaptors: x2

FLOOR MOUNTED JACKS

AFJ4000 – Air / Hydraulic



LOAD RATING OPTIONS:

AFJ4000 - 20 T capacity

AVAILABLE IN:

Air / Hydraulic



AFJ4000 Military Floor Mounted Jack

Majorlift's AFJ4000 jack is designed to lift on the chassis or belly armour of heavy duty military vehicles, allowing you to raise the front and/or rear of your equipment.

- Air operated, twin hydraulic ram, 20 tonne rated load
- 2 stage rams, 420mm lifted stroke

Supported Military Vehicles AFJ4000

- Warrior Infantry Fighting Vehicle (IFV)
- Bulldog Armoured Personnel Carrier (APC)
- Ajax
- Bradley AMPV

Each jack is rated to 20 Tonnes - meaning you can safely lift a vehicle weighing up to 40 tonnes.

Product Specification

AFJ4000

- Twin, two stage chrome rams
- Compact, for very low entry height
- Designed to spread the load and prevent damage to armour
- Air over hydraulic
- Rapid lift without load
- Independent lifting ram controls
- Twin rams move side to side
- Retractable wheels
- Pressure relief valve prevents overloading
- Handle folds out of the way



STANDARD ACCESSORIES

Each AFJ4000 military floor mounted jack is supplied complete with a pair of rubber pads to assist with jacking on chassis or under armour.



AFJ4000 Standard Accessories: Rubber pads x2

TS1200 Vehicle Support Stands

Vehicle support stand with tilting head designed to lift on chassis or under armour.

- Rated 12 tonnes
- Support stand has tilting head
- Screw thread adjustable height
- Low position 579mm / High position 822
- Designed to work with AFJ4000



TS1200: Vehicle Support Stands

BOXER FLOOR MOUNTED JACKS

AFJ3600 – Air / Hydraulic
AFJ3900 – Air / Hydraulic



LOAD RATING OPTIONS:	AVAILABLE IN:	NATO Stock Number (NSN):
AFJ3600 - 25 T capacity - Front	Air / Hydraulic	5120-99-845-6576
AFJ3900 - 25 T capacity - Rear		
BOXER KIT - 50 T capacity		



Boxer Kit includes both the AFJ3600 and AFJ3900 Military Floor Mounted Jacks

Majorlift's AFJ3600 and AFJ3900 jacks is designed to lift to engage the front and rear shackle mounts of the Boxer. Each Boxer Kit is supplied complete with a set of 2 front adaptors and 2 back adaptors to engage the shackle mounts to assist in jacking.

- Air operated, twin hydraulic ram, 25 tonne rated load
- Threaded rams, 457mm lifted stroke

Supported Military Vehicle

- Boxer

Each jack is rated to 25 Tonnes - meaning you can safely lift a vehicle weighing up to 50 tonnes.

Product Specification

Boxer Kit includes:
AFJ3600 Front lift
AFJ3900 Rear lift
Front and rear Boxer adaptors

- Twin rams with locking safety collars for increased safety
- Compact, for very low entry height
- Designed specifically to lift the Boxer
- Air over hydraulic
- Rapid lift without load
- Independent lifting ram controls
- Twin rams move side to side
- Retractable wheels
- Pressure relief valve prevents overloading
- Handle folds out of the way
- Boxer shackle adapters included



AFJ3600 Boxer floor mounted front lift



AFJ3900 Boxer floor mounted rear lift



BB184104: Front adaptor



BA184104: Rear adaptor



Boxer Kit: Boxer jacked up

MAIN BATTLE TANK

AFJ5000 – Air / Hydraulic



LOAD RATING OPTIONS:	AVAILABLE IN:
AFJ5000 - 50 T capacity	Air / Hydraulic
MBT KIT - 100 T capacity	



AFJ5000 Military Floor Mounted Jack

Majorlift's AFJ5000 jack is designed to lift on the chassis or belly armour of heavy duty military vehicles, allowing you to raise the front and/or rear of your equipment.

- Air operated, twin hydraulic ram
- 50 tonne rated load.
- 2 stage chrome rams
- 420mm lifted stroke

Supported Military Vehicles AFJ4000

- Main Battle Tank

Each jack is rated to 50 Tonnes - meaning you can safely lift a vehicle weighing up to 100 tonnes.

Product Specification

Main Battle Tank AFJ5000

- Twin, two stage chrome rams
- Compact, for very low entry height
- Designed to spread the load and prevent damage to armour
- Air over hydraulic
- Rapid lift without load
- Independent lifting ram controls
- Twin rams move side to side
- Retractable wheels
- Pressure relief valve prevents overloading
- Handle folds out of the way
- Specific Main Battle Tank shackle adapters included
- Hose burst valve for operator safety



Main Battle Tank



Main Battle Tank



AFJ5000: Capable of lifting Main Battle Tank

PIT JACKS

MPJ12 | MPJ20 | MPJ40 – Air
HPJ12 | HPJ20 – Manual



LOAD RATING OPTIONS:	AVAILABLE IN:
MPJ12 / HPJ12 - 12 T capacity	Air / Hydraulic
MPJ20 / HPJ20 - 20 T capacity	Manual
MPJ40 - 40 T capacity	



MADE IN THE UK

Majorlift pit jacks are designed and engineered in the UK.



SAFETY

Safety is our priority. This equipment is designed and engineered to be safe.



Product Specification

MPJ12 | MPJ20 | MPJ40

- Twin rams give extra stability and slide transversely in the frame making precise positioning under the vehicle possible
- Rams are threaded with locking collars for increased safety
- Rams are treated with a surface engineered process for increased working life
- Spring loaded rollers for easy movement along the pit
- Control valves give precise and controlled lowering
- Pressure relief valve prevents overloading
- Hose burst valves enhance operator safety
- Incorporates all our standard safety features



STANDARD ACCESSORIES

Each commercial pit jack and commercial lift mounted jacking beam is supplied complete with a full set of slip-on adaptors to assist in jacking axles, diffs and chassis.

4101	V Head	Height 165mm x 2
4102	Dished Head	Height 89mm x 2
4103	Chassis Head	Height 54mm x 2
4105	6" Extension Tube	Height 152mm x 2
2626	Accessory Rack	
2625	Handles	



4101: V Head
Standard Accessory: x2 Height: 165mm



4102: Dished Head
Standard Accessory x2 Height: 89mm



4103: Chassis Head
Standard Accessory x2 Height: 54mm

PIT JACKS ACCESSORIES



SPREADER BEAM RATING:

10 tonne capacity

Spreader Beam

Designed to accommodate vehicles with independent front suspension. When springs or airbags need to be changed the vehicle can also be jacked on the chassis leaving the axle on the ground. It also enables you to reach jacking points beyond the width of your pit.

- 4250 Spreader Beam
830mm (31") min pit width
- 4350 Spreader Beam
940mm (36") min pit width
- 4450 Spreader Beam
1030mm (42") min pit width



SPREADER BEAM RATING:

2.8 tonne capacity

1875mm Extension Top Beam

Majorlift 1875mm Extension Top Beam enables servicing of cars and light commercials and Class 4 and 7 MOT testing.



4600EW: 1875mm Extension Top Beam

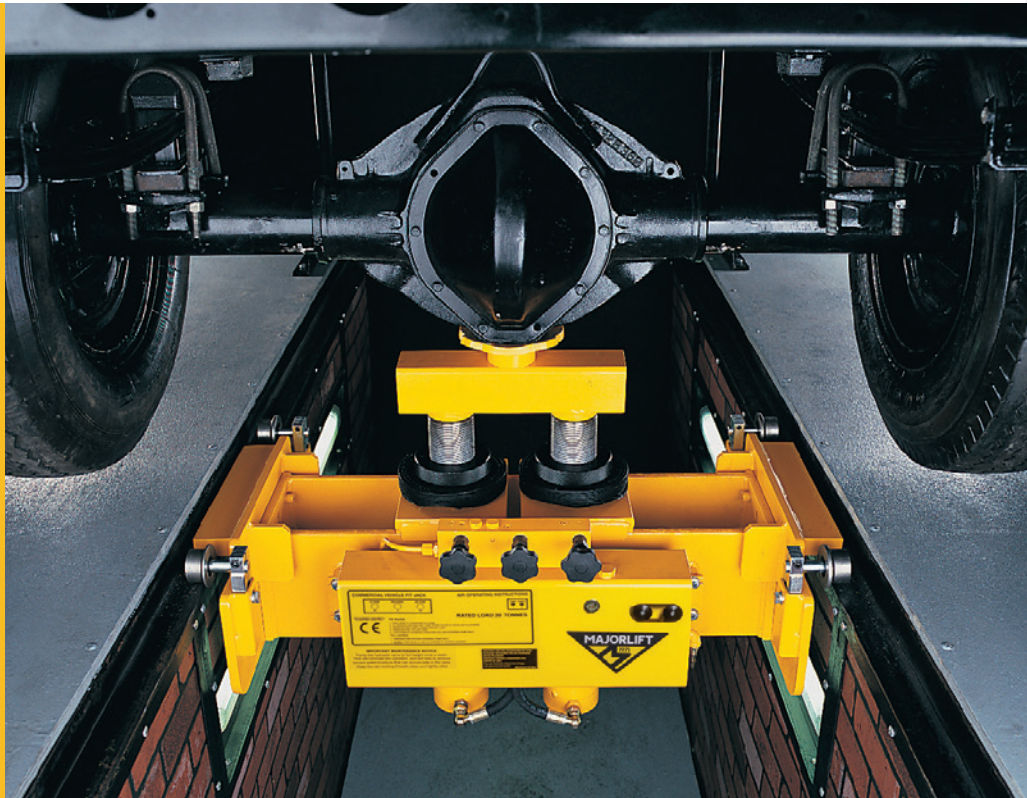
DIFF BEAM RATING:

20 tonne capacity

Diff Beam

Allows use of both rams to lift maximum loads at one point. Safe working load 20 tonnes.

- 4500 Diff Beam



Extension Tubes

Majorlift pit jacks have a range of optional extension tubes.

- 4104 Extension Tubes x 2
Height 100mm / 4"
- 4106 Extension Tubes x 2
Height 250mm / 10"
- 4107 Extension Tubes x 2
Height 450mm / 18"



4104 | 4106 | 4107
Extension Tubes

Spare Parts

Most Majorlift spare parts will be dispatched within 24 hours. Please quote jacking beam serial number when ordering.

- 2627 Recoil Air Hose 10 metre
- 4109 Ram End Protector



2627: Recoil Air Hose
10 metre working length



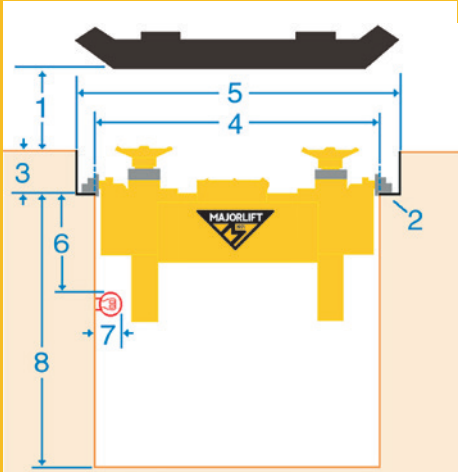
Spare parts: Please quote jacking
beam serial number when ordering



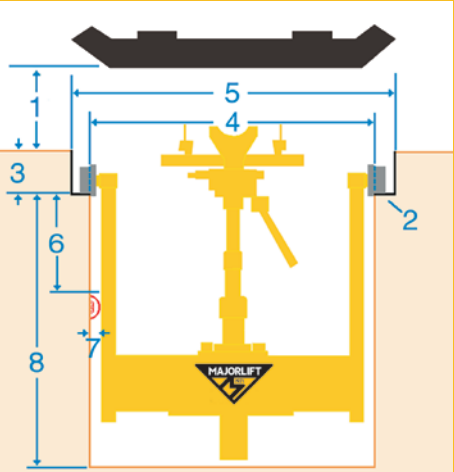
PIT SURVEY INFORMATION

TROLLEY JACK

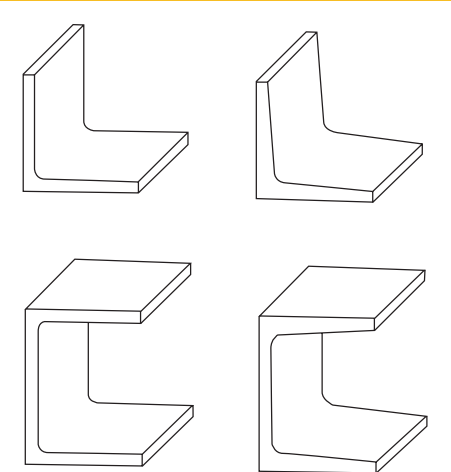
8600 – Trolley Jack – Manual



Pit Jacks Rated Up To 40 Tonnes



Pit Transmission Jacks PTJ1000



Pit Edge Profiles

1: Minimum axle to ground clearance (lowest vehicle in your fleet) if less than 50mm.		
2: Does your pit have angle or channel sections? Is the surface where the wheels run flat or tapered?	ANGLE FLAT	CHANNEL TAPERED
3: Measurement of the depth of angle or channel section from the workshop floor.		
4: Width of pit. Check this along the length of your pit between pit rails at 1 metre intervals.	NARROWEST WIDEST	
5: Width inside vertical flanges of the pit rails at 1 metre intervals.	NARROWEST WIDEST	
6: Distance to the top of any lights, air or electricity supply intrude into the pit. Left is your left when facing the operating controls of a pit jack.	LEFT SIDE RIGHT SIDE	
7: Distance from pit wall that any lights, air or electricity supply intrude into the pit. Left is your left when facing the operating controls of a pit jack.	LEFT SIDE RIGHT SIDE	
8: Depth of pit. Applicable to PTJ1000 only.		
9: Please advise of any additional information that you think is relevant.		

The information on this form is required to enable Majorlift to supply a pit jack to you. A printable copy can be found at www.majorlift.com

Your pit jack will fit into your pit and be operational within minutes of being delivered. It will not foul on lights, air pipes or electricity supply. With your help we will get it right first time. This information must be emailed or posted as confirmation.

Questions: If you have any questions on the measurements required please contact our sales or technical departments on 01454 299299

View our product video at www.youtube.com/@MajorliftHydEquip

LOAD RATING OPTIONS:
8600 - 3 tonne capacity

AVAILABLE IN:
Manual



8600 Trolley Jack 3T Majorlift Military Trolley Jack

Product Specification

8600 Trolley Jack

Majorlift Military Trolley Jack

- Rated 3 tonnes
- 490mm max lift
- Hand powered
- Control valve give precise and controlled lowering
- Pressure relief valve prevents overloading



8600 Trolley Jack
Majorlift Military Trolley Jack Rated 3 tonne

VERTICAL TRANSMISSION JACKS

VTJ1000 | VTJ2000 | VTJ1000P
VTJ2000P | VTJ1000A | VTJ2000A
VTJ1000PA | VTJ2000PA

LOAD RATING OPTIONS:	AVAILABLE IN:	ACCESSORY INCLUDED:
VTJ1000 - 1 tonne capacity	Air / Hydraulic power pack	Tilt turn adaptor
VTJ2000 - 2 tonne capacity	Manual power pack	
	Vertical, pit or floor versions	



Product Specification

VTJ1000

Designed to provide safe and rapid replacement of vehicle transmissions by a single technician.

- Closed height: 1057mm | Extended height 2013mm
- Each unit comes with a 2 way tilt turn adaptor as standard
- 3 stage chrome rams give extended life
- Castor wheels for improved manoeuvrability
- Double acting pump on manually operated units
- A large range of adaptor plates designed to suit most makes of gearbox is available
- Pit version of the vertical transmission jack - VTJ1000P
- Manually operated double acting power pack
- 3 stage ram with 956mm stroke
- Suitable for pits of 800mm minimum width - VTJ1000P
- Wheels in corners of rectangular base for increased stability

Product Specification

VTJ2000

2 tonne version that comes with all of the same specifications as the VTJ1000 except;

- Closed height: 1107mm | Extended height 2129mm
- 2 stage ram with 1022mm stroke
- Air operated version available
- 2 tonnes capacity
- Pit version of the vertical transmission jack VTJ2000P
- Suitable for pits of 800mm minimum width VTJ2000P

PTJ1000

PIT TRANSMISSION JACKS

LOAD RATING OPTIONS:	AVAILABLE IN:
PTJ1000 - 1 tonne capacity	Manual power pack
PTJ1000A - 1 tonne capacity	Air operated version available

Product Specification

PTJ1000

1 tonne version specially designed for the safe removal of gearboxes.

- 3 stage ram with 956mm stroke
- Custom built to fit any size pit
- Manually operated double acting power pack
- Comes complete with a tilt turn adaptor, 4 grip plates and a ratchet strap
- Air operated version available
- Adaptor plates are available please contact us for more information



FTJ1000

FLOOR TRANSMISSION JACK

LOAD RATING OPTIONS:	AVAILABLE IN:	OPTIONAL ACCESSORIES:
FTJ1000 - 1 tonne lifting power	Manual power pack	Range of adaptor plates available

Product Specification

FTJ1000

The Majorlift FTJ1000 jack is an invaluable asset in any workshop but particularly where there is no inspection pit or if the roof clearance is low.

This equipment is well proven, having been part of our product range since 2001, but has been updated over the years to comply with the latest safety standards.

- Adaptor plates are available please contact us for more information



MAJORLIFT MILITARY EQUIPMENT

For more information regarding our military equipment
or for any other enquiries please get in touch.

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