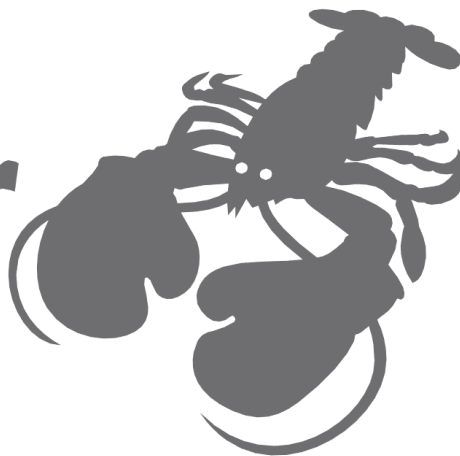


Lobster

Pincers with Punch



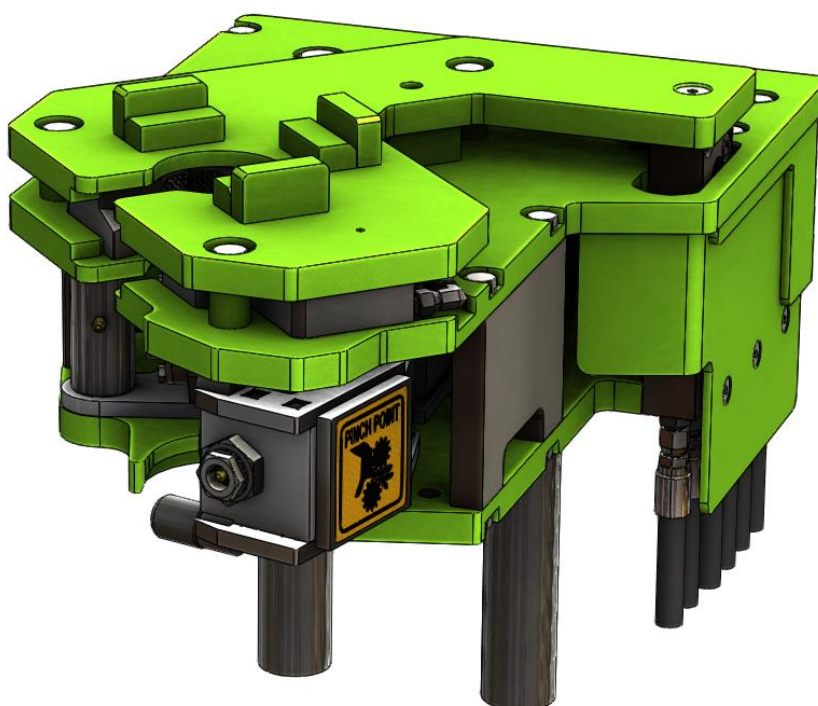
MNMA-B LOBSTER CABLE BOLT PUSHER SPARE PARTS CATALOGUE

Drawings:

MNMA Install: 0220181, MNMA Lobster: 0220116

MNMB Install: 0220182, MNMB Lobster: 0220117

*For Sandvik S2000 Drillrig
July 2019*



Conway
ENGINEERING



Manufactured by:
CONWAY ENGINEERING PTY LTD
ABN 62 122 263 852
www.conwayengineering.com.au

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PINCH CYLINDER	14
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Please Note:

- The Conway Engineering Lobster Cable Bolt Pusher Spare Parts Catalogue does not include all components within a Lobster.
- For components not listed in this Spare Parts Catalogue, please contact Conway Engineering for availability and pricing.
- Conway Engineering reserves the right to adjust prices at any time. All prices are GST Exclusive.
- This document may be revised and re-distributed by Conway Engineering at any time.

MNMA-B LOBSTER CABLE PUSHER

MNMA Lobster Cable Bolt Pusher

Complete MNMA Lobster Cable Bolt Pusher assembly commissioned and ready for installation onto a continuous miner.

Part Number: **0220116**

Price Per Item: **\$31,437**

Notes:

For a new installation, the MNMA-B Installation Kit (Part Number 0229081) is also required.



MNMB Lobster Cable Bolt Pusher

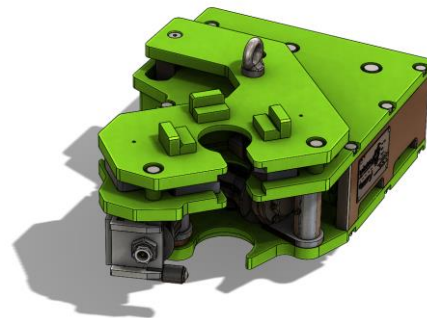
Complete MNMB Lobster Cable Bolt Pusher assembly commissioned and ready for installation onto a continuous miner.

Part Number: **0220117**

Price Per Item: **\$31,437**

Notes:

For a new installation, the MNMA-B Installation Kit (Part Number 0229081) is also required.



MNMA-B Installation Kit

This kit comprises further components required for the installation onto a continuous miner.

Part Number: **0229081**

Price Per Item: **\$63**

Included Parts: 2 x 0221372, 10 x M12 x 30 SHCS,
8 x M12 x 50 SHCS

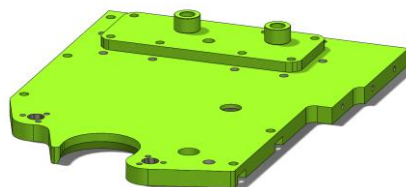
Quantity Per Lobster: **1**



PLATES

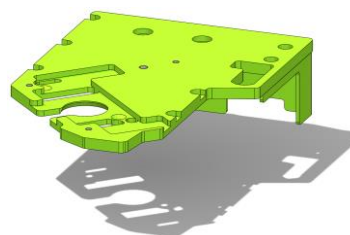
MNMA Bottom Plate

Part Number: **0220382**
Price Per Item: **\$2,405**
Quantity Per Lobster: **1**



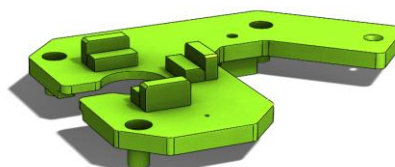
MNMA Top Plate

Part Number: **0220383**
Price Per Item: **\$1,751**
Quantity Per Lobster: **1**



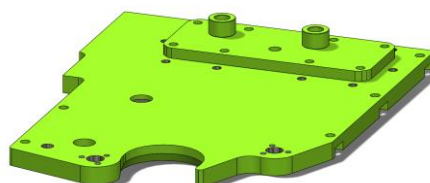
MNMA Gripper Plate

Part Number: **0220386**
Price Per Item: **\$1,377**
Quantity Per Lobster: **1**



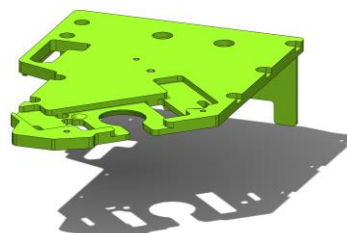
MNMB Bottom Plate

Part Number: **0220389**
Price Per Item: **\$2,405**
Quantity Per Lobster: **1**



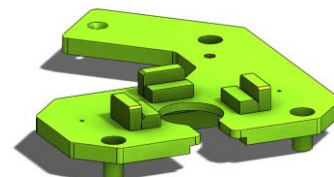
MNMB Top Plate

Part Number: **0220376**
Price Per Item: **\$1,762**
Quantity Per Lobster: **1**



MNMB Gripper Plate

Part Number: **0220374**
Price Per Item: **\$1,377**
Quantity Per Lobster: **1**



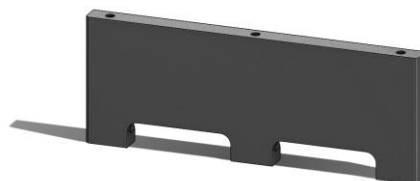
Structural Side Plate 320mm

Replacement structural side plate for both the MNMA and MNMB Lobsters.

Part Number: **0221148**

Price Per Item: **\$326**

Quantity Per Lobster: **1**



Structural Side Plate 320mm RH Plaque

Replacement structural side plate for the MNMA Lobster.

Part Number: **0221752**

Price Per Item: **\$326**

Quantity Per Lobster: **1**



Structural Side Plate 320mm LH Plaque

Replacement structural side plate for the MNMB Lobster.

Part Number: **0221753**

Price Per Item: **\$326**

Quantity Per Lobster: **1**



Structural Side Plate 140mm

Replacement structural side plate for both the MNMA and MNMB Lobsters.

Part Number: **0221347**

Price Per Item: **\$368**

Quantity Per Lobster: **1**

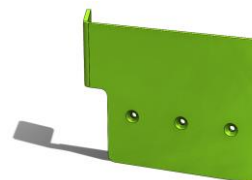


MNMA Side Guard

Part Number: **0220391**

Price Per Item: **\$430**

Quantity Per Lobster: **1**

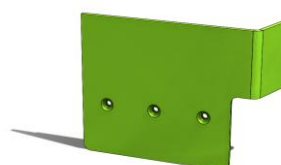


MNMB Side Guard

Part Number: **0220390**

Price Per Item: **\$430**

Quantity Per Lobster: **1**



GRIPPER JAWS**Tungsten Carbide Gripper Jaw Kit**

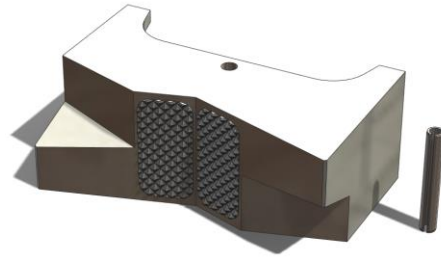
Lobster HR gripper jaw integrating tungsten carbide inserts.

Part Number: **0220903**

Price Per Item: **\$481**

Included Parts: 0220271, 6mm Roll Pin

Quantity Per Lobster: **2**

**Mk 3 80 Aperture Gripper Cylinder Kit**

Mk 3 (40mm bore) hydraulic gripper cylinder to suit 80 aperture Lobsters.

Part number: **0220956**

Price Per Item: **\$1,112**

Included Parts: 0220175, 2 x Blanking Plugs, 2 x Nipples, 1 x M6 x 50 Hex Bolt

Quantity Per Lobster: **2**



Notes:

1. Cylinder is supplied without gripper jaw.
2. Supplied with hydraulic port fittings for configuration in left or right hand.

Mk 3 80 Aperture Gripper Cylinder Rod Kit

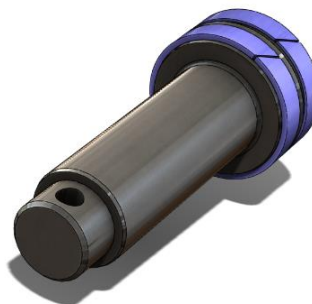
Replacement piston/rod (40mm dia.) complete with high bearing load seal for Mk 3 80 aperture style gripper cylinders.

Part Number: **0220957**

Price Per Item: **\$296**

Included Parts: 0221345, 1 x Rod Seal

Quantity Per Lobster: **2**



Mk 3 Gripper Cylinder Overhaul Kit

Replacement internal hydraulic components and bolts necessary to overhaul a single Mk 3 (40mm bore) gripper cylinder.

Part Number: **0220960**

Price Per Item: **\$111**

Included Parts: 0221322, 1 x Wiper Seal, 1 x Rod Seal, 1 x Piston Seal, 1 x O-Ring, 2 x Nipples, 2 x Blanking Plug, 6 x M6 x 30 SHCS 1 x M6 x 50 HEX
Quantity Per Lobster: **2**



MNMAB Hardline Kit

This kit comprises all hardlines and fittings required for an overhaul of either MNMA or MNMB gripper assemblies between the counterbalance block and the gripper jaw cylinders.

Part Number: **0220944**

Price Per Item: **\$356**

Included parts: 0220377, 0220378, 0220379, 0220380, 4 x Nipples, 2 x 90° Elbows, 2 x "T" Pieces
Quantity Per Lobster: **1**



MNMA-B Counterbalance Manifold Kit

Dual counterbalance manifold kit for MNMA and MNMB Lobster gripper jaws.

Part Number: **0220952**

Price Per Item: **\$3,465**

Included Parts: Pressure tested part 0221346, 2 x installed counterbalance valves, 2 x -6 Nipples, 2 x -6 Fitting Caps, 2 x -4 Nipples, 2 x Blanking Plugs, 1 x M10 x 25 CSK, 1 x M8 x 60 CSK, 2 x M8 x 45 CSK.
Quantity Per Lobster: **1**

Notes:

1. Supplied with hydraulic port fittings to suit both MNMA and MNMB configurations.



Counterbalance Valve

Counterbalance valve as used with gripper jaw counterbalance blocks.

Part Number: **0221270**

Price Per Item: **\$204**

Quantity Per Lobster: **2**



DRIVE ROLLER**Drive Segment Assembly Kit**

Replacement for drive segments exhibiting excessive wear and/or reduced performance.

Part Number: **0220900**

Price Per Item: **\$379**

Included Parts: 0220367, 3 x M6 x 20 SHCS

Quantity Per Lobster: **2**

**Drive Roller Assembly Kit**

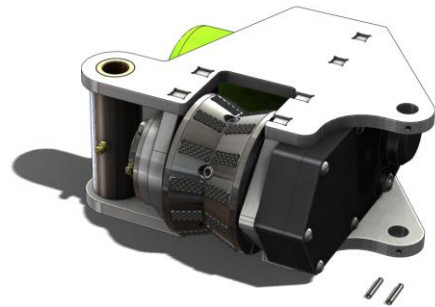
Complete drive assembly for the FEED function.

Part Number: **0220902**

Price Per Item: **\$5,373**

Included Parts: 0220123, 2 x 4mm Roll Pins

Quantity Per Lobster: **1**

**Notes:**

1. Supplied complete with 2 drive wheel segments (installed) and 2 roll pins for installation.
2. Significant machine disassembly is required for installation. Replacement by Conway Engineering recommended.

PUSHER LINK**20mm 80 Aperture Pusher Link Kit**

Revised design pusher link kit to suit 80 aperture Lobsters with a 16mm drive roller pivot pin and 20mm idler roller pivot pin.

Part Number: **0220963**

Price Per Item: **\$632**

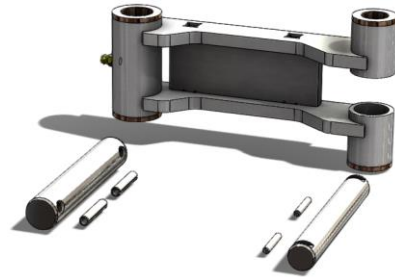
Included Parts: 0220432, 0221399, 0221480, 2 x 4mm

Roll Pins, 2 x 6mm Roll Pins

Quantity Per Lobster: **1**

Notes:

1. Revised design 20mm idler frame kit (0229005) may be required for installation.

**PIVOT POSTS****Mk 2 Pivot Post Kit**

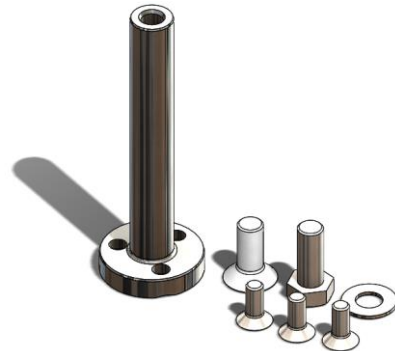
Bolt-in style pivot post kit.

Part Number: **0220921**

Price Per Item: **\$391**

Included Parts: 0221045, 1 x M12 x 30 CSK, 1 x M12 x 30 HEX, 3 x M8 x 20 CSK, ½" WASHER

Quantity Per Lobster: **2**



IDLER ROLLER

20mm 80 Idler Roller Assembly

Revised design 80 aperture idler roller assembly to suit Lobsters with a 20mm idler roller pivot pin.

Part Number: **0220435**

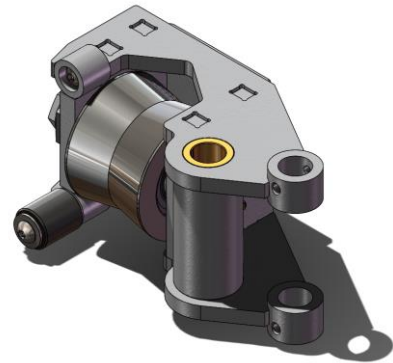
Price Per Item: **\$1,647**

Included Parts: 0220381, 0221495, 0221603, 0221204, 0220147, 0221213, 0221248, 1 x M8 x 50 Button, 1 x M8 x 10 Button, 1 x M8 Washer, 2 x O-Rings

Quantity Per Lobster: **1**

Notes:

1. Revised design 20mm pusher link kit (0220963) may be required for installation.
2. Guide roller can be changed to suit hand.
3. Guide roller can be supplied fully assembled upon request with confirmation of Lobster hand.
4. Sticker to be attached to suit the installation orientation.



20mm 80 Aperture Idler Frame Kit

Revised design 80 aperture idler roller frame kit to suit Lobsters with a 20mm idler frame pivot pin. Available when idler roller remains in reasonable condition for use.

Part Number: **0229005**

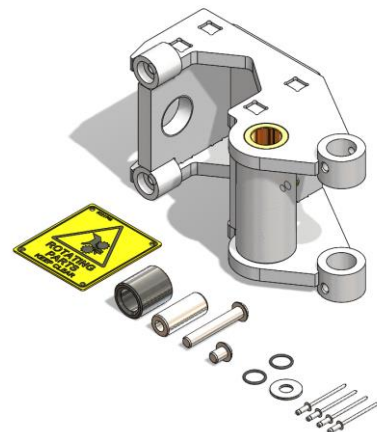
Price Per Item: **\$954**

Included Parts: 0220381, 0221204, 0221213, 0221248, 2 x O-Rings, Grease Nipple, 2 x 1 x M8 x 10 BHSS, 1 x M8 x 50 BHSS, 1 x M8 Washer

Quantity Per Lobster: **1**

Notes:

1. Revised design 20mm pusher link kit (0220963) may be required for installation.
2. Guide roller can be changed to suit hand.
3. Guide roller can be supplied fully assembled upon request with confirmation of Lobster hand.
4. Sticker to be attached to suit the installation orientation.



Idler Roller Kit (As supplied)

Part Number: **0220901**

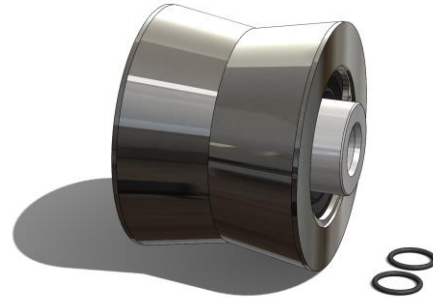
Price Per Item: **\$518**

Included Parts: 0220147, 2 x O-Rings

Quantity Per Lobster: **1**

Note:

1. 2 x O-Rings to suit idler roller shaft.



Twin Strand Idler Roller Kit (Optional)

Part Number: **0220932**

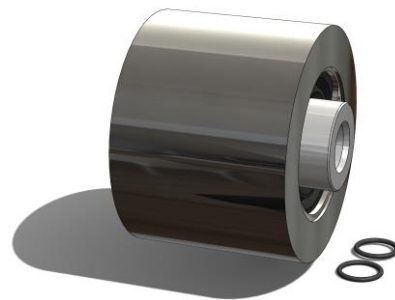
Price Per Item: **\$415**

Included Parts: 0220180, 2 x O-Rings

Quantity Per Lobster: **1**

Notes:

1. 2 x O-Rings to suit idler roller shaft.
2. Increase gripping efficiency on twin strand cable bolts.



Convex Idler Roller Kit (Optional)

Part Number: **0229079**

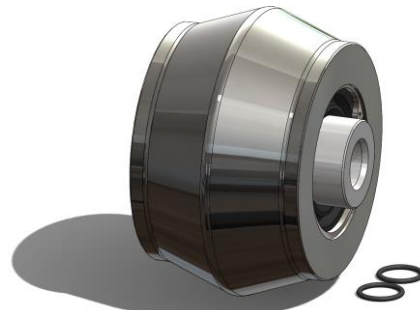
Price Per Item: **\$1,505**

Included Parts: 0220532, 2 x O-Rings

Quantity Per Lobster: **1**

Notes:

1. 2 x O-Rings to suit idler roller shaft.
2. Increase gripping efficiency on twin strand cable bolts.
3. The revised 20mm 80 Aperture Idler Frame (0220381 Rev 4) is required to install this idler roller. Therefore kit 0229005 may be required.



Integrated Guide Roller Kit

Kit comprising of wheel, axle, bolt and washer for refreshing idler frame guide roller.

Part Number: **0220910**

Price Per Item: **\$66**

Included parts: 0221213, 0221248, 1 x M8 x 50 BHSS, 1 x M8 Washer

Quantity Per Lobster: **1**



Pinch Point Sticker

Replacement warning sticker for the front of the idler roller frame. To replace a missing or illegible sticker.

Part Number: **0221204**

Price Per Item: **\$9**

Quantity Per Lobster: **1**

Notes:

1. Apply to a clean dry surface.



Crush Point Sticker

Replacement warning sticker located on the side of the Lobster. To replace a missing or illegible sticker.

Part Number: **3231034**

Price Per Item: **\$9**

Quantity Per Lobster: **1**

Notes:

1. Apply to a clean dry surface.



Pinch Point Plaque

Replacement warning plaque for the front of the idler roller frame. To replace a missing or illegible plaque.

Part Number: **0221748**

Price Per Item: **\$53**

Quantity Per Lobster: **1**



Crush Point Plaque

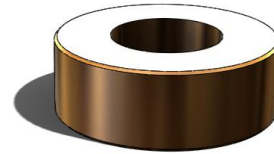
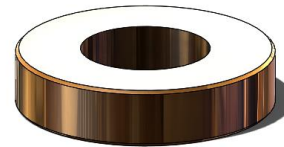
Replacement warning plaque located on the side of the Lobster. To replace a missing or illegible plaque.

Part Number: **0221743**

Price Per Item: **\$53**

Quantity Per Lobster: **1**



14mm Idler Roller WasherPart Number: **0221478**Price Per Item: **\$25**Quantity Per Lobster: **2****9mm Idler Roller Washer**Part Number: **0221749**Price Per Item: **\$25**Quantity Per Lobster: **2****20mm Idler Pin Upgrade For 80 New Frame**

Kit containing all required parts to upgrade 16mm pivot pin to more durable 20mm pivot pin.

Part Number: **0229030**Price Per Item: **\$1,654**

Included Parts: 0220963, 0229005, 2 x 0221749

Quantity Per Lobster: **1**

Notes:

1. Significant machine disassembly is required for installation. Replacement by Conway Engineering recommended.



PINCH CYLINDER

80 80 Aperture Pinch Cylinder

Hydraulic cylinder for PINCH function of 80 aperture Lobsters.

Part Number: **0220105**

Price Per Item: **\$1,138**

Quantity Per Lobster: **1**

Notes:

1. Supplied with hydraulic port fittings (1 x 90° Elbow and 1 x nipple).
2. Elbow fitting may need to be realigned to suit specific installation.



80 Aperture Pinch Cylinder Rod Kit

Replacement pinch cylinder one piece piston/rod complete with high bearing load seal to suit 80 aperture pinch cylinders.

Part Number: **0220929**

Price Per Item: **\$305**

Included Parts: 0221338, Piston Seal

Quantity Per Lobster: **1**



Pinch Cylinder Overhaul Kit

Replacement internal hydraulic components and bolts necessary to overhaul the pinch cylinder.

Part Number: **0220961**

Price Per Item: **\$83**

Included Parts: 0221318, 1 x Wiper Seal, 1 x Rod Seal, 1 x Piston Seal, 2 x O-Ring, 6 x M6 x 16 BHSS, 6 x M6 x 16 SHCS

Quantity Per Lobster: **1**



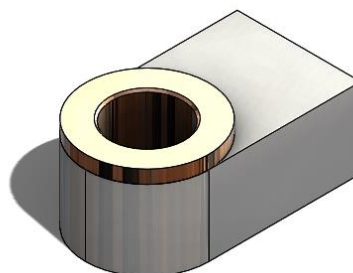
80 Cylinder Clevis Symmetrical

16mm pinch cylinder clevis for the 80 aperture pinch cylinder.

Part Number: **0220218**

Price Per Item: **\$109**

Quantity Per Lobster: **1**



16mm Pin Clevis Washer

Clevis washer for the 80 aperture pinch cylinder.

Part Number: **0221475**

Price Per Item: **\$14**

Quantity Per Lobster: **1**

**Cylinder Pivot Mount Kit**

Replacement cylinder pivot mount kit with associated spacers.

Part Number: **0220958**

Price Per Item: **\$690**

Parts included: 0220204, 2 x 0221086, 2 x 0221342

Quantity Per Lobster: **1**

Notes:

1. Clevis pin V2 may be required for installation.

**Clevis Pin Kit V2**

To suit the cylinder pivot mount kit.

Part Number: **0220959**

Price Per Item: **\$42**

Parts included: 0221448, 1 x Split Pin

Quantity Per Lobster: **1**



MANIFOLDS**MNMAB Hose Entry Manifold Kit**

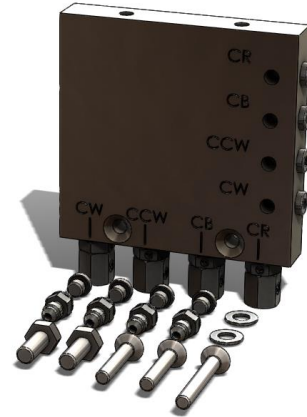
Reversible hose entry manifold that suits both MNMA and MNMB designs.

Part Number: **0220954**

Price Per Item: **\$542**

Parts included: Pressure tested component 0221440, 4 x -6 Nipples, 4 x -6 Fitting Caps, 4 x -4 Nipples, 8 x Blanking Plugs 2 x M10 x 25 Hex Bolts, 2 x 3-8" washers, 2 x M8 x 45 CSK, 1 x M8 x 60 CSK

Quantity Per Lobster: **1**



HYDRAULIC HOSES

MDG41 compliant hydraulic hoses for internal Lobster use.

Notes:

1. All hoses are uniquely numbered.
2. All hoses are pressure tested and certified to 210 bar.
3. All hoses are supplied complete with 'mine sleeve'.
4. Refer to Lobster assembly drawing or hydraulic schematic for hose part number.



500mm Individual Hose

Part Number: **0220337**

Price Per Item: **\$138**

Quantity Per Lobster: **4**



MNMAB Hose Kit

This kit comprises all hoses required for an MNMA or MNMB Lobster.

Part Number: **0220947**

Price Per Item: **\$551**

Included parts: 4 x 0220337

