

# GREASE ACCESSORIES

Fluid Handling RFQ Form

## Aviation Kit

The ACK2 grease kit is a comprehensive range of greasing couplers required for the maintenance of aircraft and associated equipment. This kit has been developed in consultation with the aviation industry to fill their specific requirements. The ACK2 greasing kit would also suit any industry that has varied greasing applications requirements, specifically for hard to reach and access grease nipples.

**10**  
**YEARS**  
MACNAUGHT  
WARRANTY\*

Blow moulded plastic case

Long clip on 21"(530mm) flexible extension

Various length & angle needle point couplers

2 x short 90° couplers (needle point & standard)

Long Hypodermic needle



### Features & Benefits

ACK2 is the complete coupler kit. Includes a blow moulded carry case .

- KDN Right angle needlepoint
- KDS Right angle standard coupler
- KDE8 Quick connect 8" steel extension with coupler
- KDF21 Quick connect 21" flexible extension with coupler
- KY Standard coupler
- KZDXL 120mm (4 3/4") long needlepoint coupler
- KZHY 130mm (5 1/8") hypodermic needle coupler
- KLNJ 300mm (12") long needlepoint coupler with J bend
- KZLNS 300mm (12") straight needlepoint coupler
- KZLNR 300mm (12") long needlepoint coupler with 90° tip
- KZLN45 300mm (12") long needlepoint coupler with 45° tip
- KZSNR 110mm (4 1/4") needlepoint coupler with 90° tip
- J65 Bulk fill nozzle



### RIGID EXTENSION - 8" KDE8

Push-on rigid grease extension - 200mm (8"). Useful to temporarily extend reach capacity on existing rigid or flexible extensions fitted



### FLEXIBLE EXTENSION - 13" KDF13

Push-on flexible grease extension - 330mm (13"). Can be used to temporarily extend existing rigid or flexible extensions



### FLEXIBLE EXTENSION - 21" KDF21

Push-on flexible grease extension - 530mm (21"). Can be used to temporarily extend existing rigid or flexible extensions



### FLEXIBLE EXTENSION - 12" KF9

Flexible grease extension - 300mm (12"). Suitable for both hand or powered greasing equipment; 1/8" BSP (M) fittings on both ends



### FLEXIBLE EXTENSION - 17" KF17

Flexible grease extension - 430mm (17"). Suitable for both hand or powered greasing equipment: 1/8" BSP (M) fittings on both ends



### FLEXIBLE EXTENSION - 17" PF17

430mm (17") flexible extension. Suitable for powered greasing equipment. 1/8" BSP (M) on both ends



### RIGID/FLEXIBLE EXTENSION KFR

Flexible/rigid grease extension - 330mm (13"). Useful tool to allow the operator both flexible or rigid extensions by simply moving the sleeve forward or back



### HIGH PRESSURE FLEXIBLE EXTENSION - 12" PF9

300mm (12") high pressure flexible extension suitable for use with air operated greasing equipment. 1/8" BSP (M) on both ends



### EXTENSION HOSE - 4m x 6mm PF6

4.0m x 6mm i.d. high pressure grease delivery hose. 1/4" NPT (M) on both ends



### FLEXIBLE EXTENSION - 30" KF30

Flexible grease extension - 760mm (30"). Suitable for both hand or powered greasing equipment



### HIGH PRESSURE DELIVERY HOSE - 30" PF30

760mm (30") high pressure grease delivery hose. 1/4" NPT (M) on both ends



### EXTENSION HOSE - 2.5m x 6mm PF8

2.5m x 6mm i.d. high pressure grease delivery hose. 1/4" NPT (M) on both ends



**GREASE CONTAINER – 2.5KG/5Lb** **KT5**

2.5kg/5Lb Reusable grease container to suit K7-01

**GREASE CONTAINER – 5KG/10Lb** **KT6**

5kg/10Lb Reusable grease container to suit K7-67



**STRAIGHT NEEDLEPOINT COUPLER**

**KZDXL**

Ideal for greasing the bearings on four wheel drive vehicles. Length 120 mm (4 3/4").



**CONCAVE NIPPLE COUPLER**

**KZE**

Push-on concave grease coupler – 60mm (2.25"). Temporary connector where special or damaged type nipples are encountered



**GREASE INJECTOR NEEDLE**

**KIN**

Push-on grease injector needle. Used to dispense grease into sealed bearings and steering components if normal nipples aren't available



**STANDARD BUTTONHEAD COUPLER**

**KSR**

Push-on standard button head grease coupler – 5/8". Easy connect/disconnect coupler to allow greasing of the smaller buttonhead type fittings



**GIANT BUTTONHEAD COUPLER**

**KGR**

Push-on giant button head grease coupler – 7/8". Easy connect/disconnect coupler to allow greasing of the larger buttonhead type fittings



**360° SWIVEL**

**ZSB**

"Z" Type high pressure grease swivel. Used to overcome difficulty by operator to grease hard to reach lube points 1/8" NPT (M) x 1/4" NPT (F)



**RIGHT ANGLE COUPLER**

**KDR**

Push-on right-angle coupler – Standard temporary attachment for greasing in tight areas where access by a standard coupler isn't available



**NEEDLEPOINT COUPLER RIGHT ANGLE**

**KDN**

Push-on right-angle needlepoint extension. Used for temporary attachment to grease in difficult applications where using a normal coupler is impossible to use



**COUPLER**

**KY**

Standard Supergrip™ coupler supplied with all Macnaught grease guns. Designed to fit most grease nipples and grease guns. Threads 1/8" NPT **KY-10** pack of 10 **KY-50** pack of 50



**NEEDLENOSE COUPLER**

**KZD**

Used when nipples are recessed and standard couplers would meet with interference from surrounding components (universal joints, etc). Length 93 mm (3 3/4")



**NEEDLEPOINT COUPLER HYPODERMIC**

**KZHY**

Push-on hypodermic grease coupler – 130mm (5.125"). Temporary coupler for use with bearings which have rubber dust covers where the standard KIN coupler won't reach



**NEEDLEPOINT COUPLER – 45°**

**KZLN45**

Push-on needlepoint grease extension – 300mm (12") with 45° angle at end



**NEEDLEPOINT COUPLER J BEND**

**KZLNJ**

Push-on needlepoint grease extension – 300mm (12") with J bend at end



**NEEDLEPOINT COUPLER 90° (12")**

**KZLNR**

Push-on needlepoint grease extension – 300mm (12") with 90° angle at end



**NEEDLEPOINT COUPLER – 12'**

**KZLNS**

Push-on needlepoint grease extension – 300mm (12")



**NEEDLEPOINT COUPLER – 90°**

**KZSNR**

Push-on needlepoint grease extension – 110mm (4.25") with 90° angle at end to access different grease points



**CONCAVE NIPPLE COUPLER**

**KZX**

Push-on concave grease coupler – 60mm (2.25"). Temporary connector where special or damaged type nipples are encountered

## KY+ LOAD & LUBE SAFETY GREASE COUPLER

Macnaught's patent pending release mechanism delivers enhanced safety and is both easier and faster to use. The KY+ retains the benefit of the original floating jaw design, providing a strong, leak-free connection while improving safety and usability through:

- Internal pressure relief that reduces the risk of high pressure grease release.
- Snap on-and-off connection reduces hydraulic bind and high pressure! **LOAD & LUBE!**



### Quick & easy release mechanism

Patent pending\* smart release mechanism enables effortless one handed twist and pull release up to 10,000psi (68,900kPa).

### Original KY floating jaw

Unique floating jaw operation creates a powerful grip as pressure builds to enhance performance.

### Superior safety

Smart release mechanism features an internal bleeding system for soft pressure relief and safe disconnect of the coupler up to 10,000psi (68,900kPa).

### Compact design

The compact body of the KY+ makes it easier to get into tight spaces.



### FEATURES & BENEFITS

- Superior safety from internal pressure relief
- Compact design for greater accessibility
- Patent pending\* release mechanism for easy disconnect under pressure
- Original floating jaw design for leak free grip

### TECHNICAL SPECIFICATIONS

- Built-in hydraulic pressure relief
- 1/8" NPT(F) inlet
- 10,000psi (68,900kPa) max pressure


**B2-01**
**BOOSTER GUN**
**B2-01**

- Delivery pressure up to 689bar/68,950Pa (10,000psi)
- Used for high pressure delivery with any air-powered grease pump
- Increases the inlet grease pressure to overcome line resistance or nipple blockages
- 1/4" NPT(F) inlet


**B2-SG**
**BOOSTER GUN WITH SAFETY GUARD**
**B2-SG**

Booster gun with safety guard. Fitted with trigger hand guard to protect the operator


**REPAIR KITS**

- **KY3S:** Pack of 8 SUPERGRIP™ Grease Coupler Seals


**GREASE FITTING UNBLOCKER**
**GFU**

Opens clogged grease fittings and loosens hardened grease joints Excellent for maintaining and protecting bearings, control arms, joints, king pins, etc. Comes complete with grease coupler for connection onto the grease fitting and 2 spare seals for replacing the piston seals as they wear


**BULK FILL ADAPTOR ASSEMBLY**
**J65**

Filler adapter assembly for the J3 grease transfer pump. Allows connection to the filler/bleeder valve to refill cartridge guns from bulk grease pails

