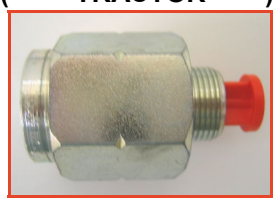
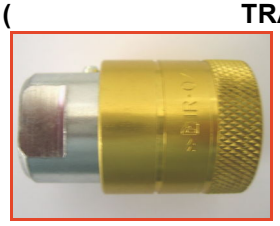
Air Brake Connections Limited
INTERNATIONAL

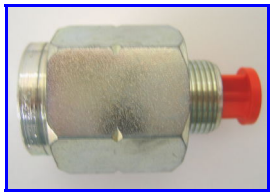
Couplings

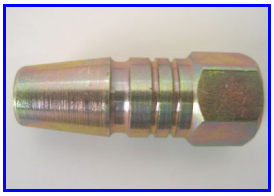
(TRACTOR) (TRAILER)

EMERGENCY

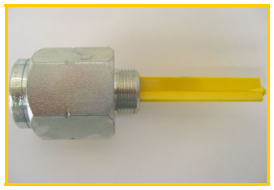
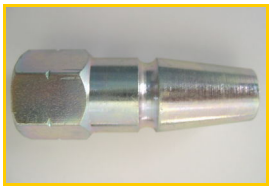
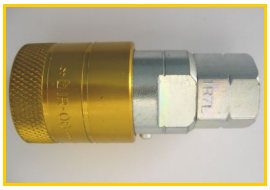
Part Ref	Part Ref	Part Ref	Thread Size
SSVCA7IR	FC7IR	MC7IR	1/2” BSP
SSVCA22IR	FC22IR	MC22IR	M22 x 1.5





AUXILIARY

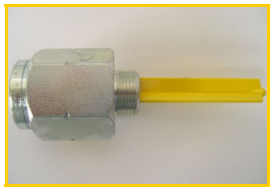
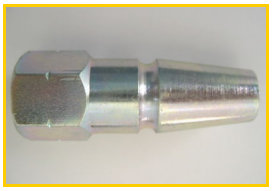
Part Ref	Part Ref	Part Ref	Part Ref
SSVCA7IR	FCA7IR	MCA7IR	1/2” BSP
SSVCA22IR	FCA22IR	MCA22IR	M22 x 1.5

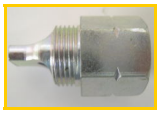




SERVICE

Part Ref	Part Ref	Part Ref	Part Ref
SSV7IR	MC7IR	FCOV7IR	1/2” BSP
SSV22IR	MC22IR	FCOV22IR	M22 x 1.5

OR



SERVICE

Part Ref	Part Ref	Part Ref	Part Ref	Part Ref
SSV7IR	MC7IR	FC7IR	OV7IR	1/2” BSP
SSV22IR	MC22IR	FC22IR	OV22IR	M22 x 1.5

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Air Brake Connections Limited
INTERNATIONAL

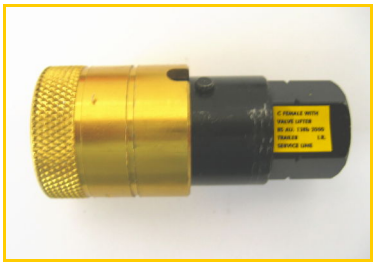
Couplings

BRITISH STANDARD BSAU138b:2000

(TRACTOR) (TRAILER)

EMERGENCY

Part Ref	Part Ref	Thread
SSVCA16FH	MC16FH	M16 x 1.5
SSVCA22FH	MC22FH	M22 x 1.5



SERVICE

Part Ref	Part Ref	Thread
SSV16FH	FCOV16FH	M16 x 1.5
SSV22FH	FCOV22FH	M22 x 1.5

The British Standard BSAU138a:1980 for 'C' type couplings assemblies has been superseded by BSAU138b:2000, which addresses the concerns of U.K haulage industry, with regard to quality and compatibility of couplings currently in use.

The new standard requires one piece couplings that cannot be readily de-assembled, and meets improved valve lift dimensions ensuring adequate airflow (See one piece BSAU138b:2000 above).

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Air Brake Connections Limited
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Complete Coil Coupling Kit

FITTED WITH NEW BSAU138b:2000 STANDARD COUPLINGS

Part Ref: ABCA1

Emergency Line

Service Line

Provides vehicle safety, lower operational costs & 'Peace of Mind'.
Specify coupling kits from Air Brake Connections meet the new standard and are manufactured and tested by the principal supplier and designers.

ABCA1 Kit consists of the following:

1 x Din Red 22 Turn x M22 x 1.5 Air Coil	1 x Din Red 22 Turn x M22 x 1.5 Air Coil
1 x self Seal Valve M22 x 1.5 (SSVCA22FH)	1 x self Seal Valve M22 x 1.5 (SSVCA22FH)
1 x Male 'c' M22 x 1.5 (MC22FH)	1 x Male 'c' M22 x 1.5 (MC22FH)

Benefits:

-Reduces fitting time.
-No tools required.
-Couplings supplied tested.
-Din spec euro coils c/w spring guard.
-Colour coded standards attached to couplings.
-Eliminates leakage.
-Reduce chance of tampering.

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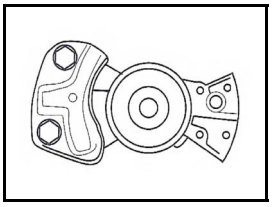
INTERNATIONAL

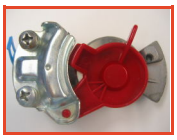
Palms & Valves

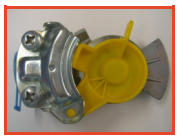
Palm Coupling (Universal)

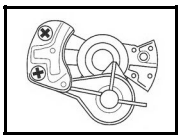


Part Ref	Thread Size
PALM7	1/2” BSP
PALM16	M16 x 1.5
PALM22	M22 x 1.5

Palm Coupling (Operating)

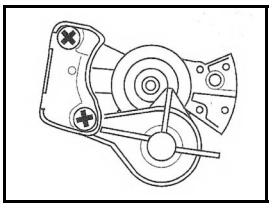






Part Ref	Thread Size
PALM7R	1/2” BSP
PALM7Y	1/2” BSP
PALM16R	M16 x 1.5
PALM16Y	M16 x 1.5
PALM22R	M22 x 1.5
PALM22Y	M22 x 1.5

Palm Coupling (Auto Self Seal)



Part Ref	Thread Size
PALM16RA	M16 x 1.5
PALM16YA	M16 x 1.5
PALM22RA	M22 x 1.5
PALM22YA	M22 x 1.5

In Line Filters

Part Ref	Thread Size
ILF22	M22 x 1.5

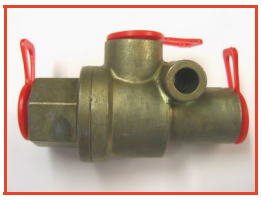
Park Valve

Part Ref	Thread Size
PV16	M16 x 1.5

Shunt Valve

Part Ref	Thread Size
SV16	M16 x 1.5

Double Check Valve



Part Ref	Thread Size
DCV	M16 x 1.5

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Coupling Accessories

Airline Coupling Lock

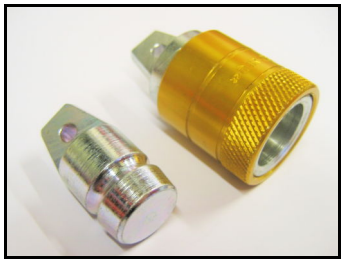
Part Ref: **ABCCL2**

- The Coupling lock locks over the male coupling, preventing the male coupling from being unscrewed from the trailer or the trailer from being coupled up.
- Each lock is supplied with two keys, which are safely tucked inside the plastic cap for transit.
- Compact, rugged and simple to operate.
- To fit, remove key and push lock onto male coupling.
- Over 10’000 key combinations.
- Sets of locks can be supplied individually keyed or keyed alike (a number of locks operating from the same key).
- High visibility reflective sleeves are available for the locks.

Test Tool and Gauge

Part Ref: **FCTG / IR**

- Securely boxed complete with gauge.
- This tool allows you to check the levels of lift the female couplings will cause when coupled to the male self sealing valve.
- The gauge checks the correct operation of the test tool.
- Double band in indicator section.
- Start of yellow band indicates minimum requirement of 3 mm lift.
- Start of green band indicates preferred level of lift for correct operation - 4 mm.
- Used to verify correct manufacture and installation of female service line coupling.
- As supplied to VOSA and OEM.



Dummy Couplings - Part Ref: **FCMCDUM**

- Secure Stowage locations for couplings.
- Reduce damage to air coils.
- Compact size.
- Chain and split rings available.

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Test Gauge Kits

- Enable you to identify the air pressure from any given test point
- Enable you to determine the air pressure from Truck to Trailer
- Pre MOT Testing
- Faulty valve indication
- Calibration
- Load sensing valve testing
- Balancing air pressure

Part Ref

ABC009

ABC009 Contains:

- 1 Gauge 0—11 Bar (Max 160 PSI)
- 2 Coupling Testers
- Hard Carry Case
- 2 Mtr's of High Visibility PVC c/w Test Point Adaptors

Part Ref: **ETB001V**

ETB001V Contains:

1 Gauge 0—11 Bar

1 Gauge 0—16 Bar

2 x 2 Mtr's of High Visibility PVC c/w Test Point Adaptors

Test Coupling Tee Piece

Service Line Coupling Tester

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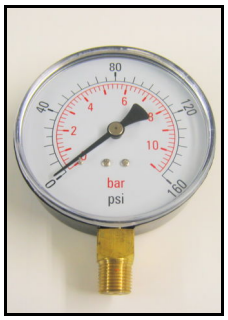
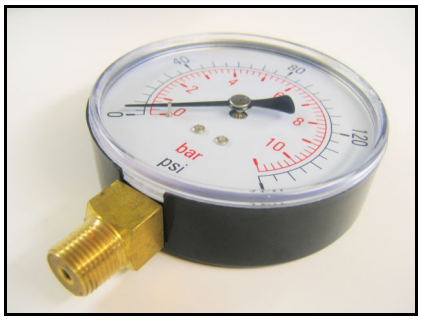
Test Gauges & Accessories



0 - 11 Bar Test Gauge

Part Ref: **TG1B**
(M16 x 1.5 Thread)



0 - 11 Bar Test Gauge
Part Ref: **TG1**

Or

0 - 16 Bar Test Gauge
Part Ref: **TG2**

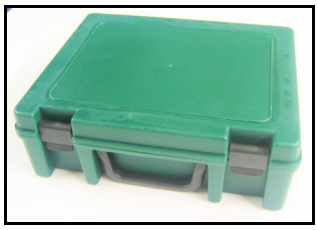
Both TG1 and TG2 have M16 x 1.5 Thread and are Rubber cased heavy duty Gauges

Test Gauge Adaptors

Part Ref	Thread	Tube ID
TPA1	M16 x 1.5	3/16" - 5 mm
TPA2	M16 x 1.5	1/4" - 7 mm
TPA3	M16 x 1.5	3/8" - 10 mm

(TPA2 & TPA3 have a knurled barrel)

Test Gauge Boxes



Part Ref: **TGB2**

Holds up to two Gauges complete with hoses

Part Ref: **TGB3**

Holds up to three Gauges complete with hoses

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