



Development History



Products Items: 1700 item
Workshop Area: 20000m²
Number of Ka Brand Agent: 19
Number of Exporting Countries: 65
Number of OEM Customers: 5
2018



Products Items: 3000 item
Workshop Area: 25000m²
Number of Ka Brand Agent: 25
Number of Exporting Countries: 70
Number of OEM Customers: 7
Zhejiang Ka Auto Parts Manufacturing Co., Ltd Established
2022



Products Items: 85 item
Workshop Area: 5000m²
Number of Ka Brand Agent: 8
Number of Exporting Countries: 5
2010



Products Items: 350 item
Workshop Area: 9000m²
Number of Ka Brand Agent: 12
Number of Exporting Countries: 35
Number of OEM Customers: 2
Zhuji Ka Import & Export Co., Ltd Established
2013



Products Items: 1 item
Workshop Area: 200m²
Number of Exporting Countries: 1
Zhuji Vehicle Axle Fitting Plant Established
2002



Products Items: 12 item
Workshop Area: 800m²
Number of Ka Brand Agent: 2
Number of Exporting Countries: 5
2005



IATF 16949:2016 Certified



Ka[®]

Commercial Vehicle Parts Supplier



CGTB

SUMINISTROS Y DERIVADOS

S.A. DE C.V.

TEST EQUIPMENT



Spring Brake Air Chamber
Performance Test Equipment



Air Tightness Test Equipment



Air Valve Performance Test Equipment

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Ka[®]

SPRING BRAKE CHAMBERS

WHY OUR BRKAE CHAMBER

OTHERS

ARE BETTER?

PUSH ROD



Ka: 6mm flat plate
Ka: safety warning signs
Ka material: carbon steel 35 #



others: 4mm fold plate
others: no safety warning signs
others material: steel A3

CLAMP



Ka: environmentally friendly electroplating
Ka: U-shaped



others: normal ordinary electroplating
others: V-shaped

DIAPHRAGM



Ka: 1,200,000 times fatigue test
Ka: ka design
Ka: working temperature -45 to 100 °C



others: 500,000 times fatigue test
others: universal
others: working temperature -25 to 100 °C

PACKING SPRING PLATE



Ka: the centre hole is not offest



Ka: material aluminum
Ka: Restriction

NPH



Ka: Concave
Ka: bolt material carbon 45 #
Ka: SPHC 3mm steel plate



others: Flat
others: bolt material carbon 35 #
others: SPHC 2.75mm steel plate

ALUMINUM BODY



Ka: material 360
Ka: thread 3/8NPTF, blue passivation
Ka: circle of guidance
Ka: return spring E-coat 1000000 times fatigue tests



others: material ADC12
others: thread 3/8NPT, No passivation
others: No circle of guidance
others: No surface treatment, 200,000 times fatigue tests

PACKING SPRING



Ka: material 55SiCrA
Ka: 200000 times fatigue tests
Ka: OD:13.5mm Max Force 2,000 pounds



other: material 60Si2Mn
others: 70000 times fatigue tests
others: OD:12.5mm Max Force 1,400 pounds

PACKING SPRING PLATE



others: the centre hole is offest



others: material steel
others: No Restriction

Ka[®] | Air Brake System Manufacturer



Spring Brake Chamber



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530BA-U	T30/30DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	8"/9.75"/12"
KA3530EA-U	T24/30DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	5.65"/8"/12"
KA3530HA-U	T24/24DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	5.65"/8"/12"
KA3530LD-U	T30/36DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	7.8"/8"/9"
KA3530LC-U	T36/36DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"

Spring Brake Chamber(LONG STROKE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530TB-U	T30/30DD-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	8"/10"/12"
KA3530LD-UL	T30/36DD-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	7.8"/9.05"/12"
KA3530LC-UL	T36/36DD-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	7.8"/9.05"/12"

Spring Brake Chamber(WELDED CLEVIS)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530PF-UC	T20/24DD-WC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3530HA-UC	T24/24DD-WC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3530EA-UC	T24/30DD-WC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3530BA-UC	T30/30DD-WC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3530TB-UC	T30/30DD-L-WC	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3530LD-UC	T30/36DD-WC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3530LD-L-UC	T30/36DD-L-WC	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC

Spring Brake Chamber(DISC TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530NA-UD	T18/24DD-DISC	2.25"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530RB-PU	T16/24DD-DISC	2.25"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530NA-PU	T20/24DD-DISC	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530NK-PU	T22/24DD-DISC	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530HA-PU	T24/24DD-DISC	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"

Spring Brake Chamber(DISC TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530NA-B3-U	T18/24DP-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530PK-B3-U	T14/24DP-DISC	2.25"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530RB-B3-U	T16/24DP-DISC	2.25"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530PE-B3-U	T20/24DP-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530NK-B3-U	T22/24DP-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3530CA-B3-U	T24/24DP-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"

Spring Brake Chamber(PIGGYBACK)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530BA-K	T30/30PBK	2.5"	3/8"-18NPT	---	---	---	---
KA3530TB-K	T30/30PBKLS	3"	3/8"-18NPT	---	---	---	---

Spring Brake Chamber(CLAMP TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530BA-11B	T30/30DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"
KA3530EA-11B	T24/30DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"
KA3530HA-11B	T24/24DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"

Spring Brake Chamber(CLAMP TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530BA-11Y	T30/30DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"
KA3530EA-11Y	T24/30DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"
KA3530HA-11Y	T24/24DD	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	12"

Spring Brake Chamber(CLAMP TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3530PF-2	T20/24DD-NPR	2.5"	3/8"-18NPT	M16*1.5	4"	M16*1.5	12"
KA3530PF-3R	T20/24DD-AGRAL	2.5"	3/8"-18NPT	5/8"-11UNC	3"	5/8"-18UNF	12"
KA3530RB-2	T16/24DD-815	2.25"	3/8"-18NPT	5/8"-11UNC	3"	5/8"-18UNF	7.8"
KA3530RB-E	T16/24DD-NPR	2.25"	3/8"-18NPT	M16*1.5	4"	M16*1.5	12"

Brake Chamber(CLAMP TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3519EA-U	T12	1.75"	1/4"-18NPT	7/16"-14UNC	3"	1/2"-20UNF	8.6"
KA3519CA-U	T16	2.25"	1/4"-18NPT	7/16"-14UNC	3"	1/2"-20UNF	8.6"
KA3519BD-U	T20	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	8.2"
KA3519AA-3	T24	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	7.6"
KA3519AA-3L	T24-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	8"
KA3519DA-U	T30	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	7.6"
KA3519DA-UL	T30-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	8"
KA3519LK	T36	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	8.4"

Brake Chamber(WELDED CLEVIS)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3519BD-WC	T20	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3519AA-WC	T24	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3519AA-L-WC	T24-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3519DA-WC	T30	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC
KA3519DA-L-WC	T30-L	3"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	2.25"WC

Brake Chamber(DISC TYPE)



KA No.:	ORIGINAL No.:	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
KA3519HA-U	T16-DISC	2.25"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3519JC-U	T18-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3519JA-UA	T20-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3519NK-U	T22-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"
KA3519AM-UA	T24-DISC	2.5"	3/8"-18NPT	5/8"-11UNC	4.75"	5/8"-18UNF	0.6"

Clevis



No.:	KA No.:	ORIGINAL No.:	NOTES
①	KA3530W-4UY-Y	R801710	THREAD DIAMETER: 5/8"-18, PIN DIAMETER: 1/4" CLEVIS PIN DIAMETER: 1/2", ARM: OFFSET, 5/8"
②	KA3530W-4UB-B		THREAD DIAMETER: 5/8"-18, PIN DIAMETER: 1/4" CLEVIS PIN DIAMETER: 1/2", ARM: OFFSET, 5/8"
③	KA3530W-4UB-Y	AS-3000	THREAD DIAMETER: 5/8"-18, PIN DIAMETER: 1/4" CLEVIS PIN DIAMETER: 1/2", ARM: STRAIGHT
④	KA3530W-4UC		THREAD DIAMETER: 1/2"-12, PIN DIAMETER: 1/4" CLEVIS PIN DIAMETER: 1/2", ARM: STRAIGHT
⑤	KA3530W-4V-Y	205948	CLEVIS KIT: 1/2"-20
⑥	KA3530W-4UD	R801713	THREAD DIAMETER: 5/8"-18, PIN DIAMETER: 1/4" CLEVIS PIN DIAMETER: 1/2", ARM: STRAIGHT
⑦	KA3530W-10-1	1245-P-1030	THREAD DIAMETER: 5/8"-18, PIN DIAMETER: 1/4" CLEVIS PIN DIAMETER: 1/2", ARM: STRAIGHT
⑧	KA3530W-4U-Y	KN36470	CLEVIS KIT: 5/8"-18

Diaphragm



KA No.:	TYPE	ORIGINAL No.:
R12-57	T12	802486
R16-57	T16	802487
R20-64	T20	K025490
R24-64	T24	802489
R24-76	T24L	801378
R30-64	T30	802490
R30-76	T30L	801379
R36-76	T36	802491

Clamp



KA No.:	TYPE	ORIGINAL No.:
C12B-Y	T12	800906
C16B-Y	T16	800907
C20B-Y	T20	800908
C24B-Y	T24	800909
C30B-Y	T30	800910
C36B-Y	T36	800911

AD-9 Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511XD08	065225/109685X	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-75W
KA3511NA	065224/800686	1/2"-NPT	1/2"-NPT	1/4"-NPT	24V-75W
KA3511XD-34	065226/109687X	3/4"-NPT	3/4"-NPT	1/4"-NPT	12V-75W
KA3511NA-34	800243	3/4"-NPT	3/4"-NPT	1/4"-NPT	24V-75W

SS1200 Plus Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511EL	4324711010	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-100W

SS1200 Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	PURGE TANK	HEATER VOLTAGE
KA3511ES	R955205/AD-SP	1/2"-NPT	1/2"-NPT	1/4"-NPT	1/4"-NPT	12V-75W

SS1200P Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	PURGE TANK	HEATER VOLTAGE
KA3511ES-B	R955300	1/2"-NPT	1/2"-NPT	1/4"-NPT	1/4"-NPT	12V-75W
KA3511ES-A	R955079	1/2"-NPT	1/2"-NPT	1/4"-NPT	1/4"-NPT	12V-75W

AD-IP Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511XE22	065612/109477X	1/2"-NPT	1/2"-NPT	1/4"-NPT	24V-90W
KA3511XE01	065613/109478X	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-90W

AD-SP Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511S	800887/131031/065691	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-90W
KA3511SB	800972/131032	1/2"-NPT	1/2"-NPT	1/4"-NPT	24V-90W

AD-9si Air Dryer



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511MX	K092871	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-75W
KA3511MX-2	K092873	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-75W without governor

AD-IS Air Dryer



KA NO.:	REF No.:	SUP PORT	PRI PORT	SEC PORT	PRESSURE	HEATER VOLTAGE
KA3511SA	801266/5010696X	1/2"-NPT	1/4"-NPT	1/4"-NPT	109PSI	12V-90W
KA3511SA-22	801164/5010211X	1/2"-NPT	1/4"-NPT	1/4"-NPT	106PSI	24V-90W
KA3511SA-02	800383	1/2"-NPT	1/4"-NPT	1/4"-NPT	109PSI	12V-90W

Air Integrated Processing Unit



KA NO.:	REF NO.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511XB04	ZB4810	M22*1.5	M22*1.5	M12*1.5	12V-90W

Air Dryer



KA NO.:	REF NO.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511XB02	LA9020	M22*1.5	M22*1.5	M12*1.5	12V-90W

Air Dryer



KA NO.:	REF NO.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511TM	DA35200	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-90W

Air Dryer



KA NO.:	REF NO.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511VL-U	4324252000	1/2"-NPT	1/2"-NPT	1/4"-NPT	12V-90W

Air Dryer



KA NO.:	REF NO.:	SUP PORT	DEL PORT	CON PORT	HEATER VOLTAGE
KA3511AM	4324101020	M22*1.5	M22*1.5	M12*1.5	12V-90W

AD-9 Air Dryer Cartridge



KA NO.:	REF NO.:	SCREW	NOTES
KA3511DA	107794	5/8-11 UNC	FITS AD-9

AD-4 Air Dryer Cartridge



KA NO.:	REF NO.:	SCREW	NOTES
KA3511DZ	104358	---	FITS AD-4

AD-IP Air Dryer Cartridge



KA NO.:	REF NO.:	SCREW	NOTES
KA3511XE02	109493/065624	1 1/4-7UNC2B	
KA3511XE02G	109493PG/065624PG	1 1/4-7UNC2B	CARTRIDGE COALESCING

Air Dryer Cartridge



KA NO.:	REF NO.:	SCREW	NOTES
KA3511KA	109994/R950011	M39*1.5	
KA3511KA-YL	R950068	M39*1.5	CARTRIDGE COALESCING

Air Dryer Cartridge



KA NO.:	REF NO.:	SCREW	NOTES
KA3511KT-224	T224	1/2-14 NPT	FITS CR TYPE

Air Dryer Cartridge



KA NO.:	REF NO.:	SCREW	NOTES
KA3511VP	20424148	---	FITS CR TYPE

AD-SP Repair Kit



KA NO.:	REF NO.:	NOTES
KA3511S-KIT	109995	---

AD-9 Purge Valve



KA NO.:	REF NO.:	NOTES
KA3511NA-PWF	800405/5004341	12V-75W White Color
KA3511XD44-9	5004342/5004338	24V-75W Gary Color
KA3511XD44-9B	5004381	24V-100W Yellow Color

AD-IP Purge Valve



KA NO.:	REF NO.:	NOTES
KA3511XE01-E1	800404/K2022105	---

AD-IS/AD-IP/AD-9si Purge Valve



KA NO.:	REF NO.:	NOTES
KA3511SA-PWF	K022105	---

Heater Repair Kit



KA NO.:	REF NO.:	NOTES
KA3511SA-E1-1	109495	AD-IP 12V-90W White Color
KA3511SA-E1-1B	109496	AD-IP 24V-90W Geay Color

Heater Repair Kit



KA NO.:	REF NO.:	NOTES
KA3511ES-E1	R950015	AD-SP 12V-100W

Heater Repair Kit



KA NO.:	REF NO.:	NOTES
KA3511NA-E1-1	109579	24V-75W Gary Color
KA3511NA-E1-2	109578	12V-75W White Color
KA3511NA-E1-3	5002595	24V-100W Yellow Color

AD-9 Mounting Bracket Kit



KA NO.:	REF NO.:	NOTES
KA3511XD08-KIT	107695	complete mounting bracket kit

AD-IP Mounting Bracket Kit



KA NO.:	REF NO.:	NOTES
KA3511EX-KIT	5001247	complete mounting bracket kit

AD-IS Governor Valve



KA NO.:	REF NO.:	NOTES
KA3512GL-IS	5004049/065018	100-120PSI Non-Adjustable
KA3512GL-IS2	800361	105-130PSI Non-Adjustable

D-2 Governor Valve



KA NO.:	REF NO.:	NOTES
KA3512GL-K	275200	90-105PSI
KA3512GL-C	275491	100-120PSI
KA3512GL-N	283657	115-135PSI
KA3512GL-G	275530	120-150PSI

Governor Valve



KA NO.:	REF NO.:	NOTES
KA3512GL-K-2	4324709202	115-135PSI for air dryer 4324711010

AD-9 Check Valve



KA NO.:	REF NO.:	NOTES
KA3511NA-DXF	107800	1/2"NPT, O-RING & GREASE

Pressure Protection Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	NOTES
KA3531XA01	140370	1/4"-NPT	1/4"-NPT	OPEN AT 60PSI
KA3531XA02	140280	3/8"-NPT	3/8"-NPT	OPEN AT 70PSI

PR-4 Pressure Protection Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	NOTES
KA3531HC	286500	1/4"-NPT	1/4"-NPT	85PSI
KA3531HC-02	288323	3/8"-NPT	3/8"-NPT	90PSI

PR-3 Pressure Protection Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	OPEN PRESSURE	CLOSING PRESSURE
KA3531HD	065211	1/4"-NPT	1/4"-NPT	92-98PSI	---
KA3531HD-02	065436	1/4"-NPT	1/4"-NPT	---	71-79PSI
KA3531HD-03	101275	1/4"-NPT	1/4"-NPT	---	70PSI
KA3531HD-04	286460	1/4"-NPT	1/4"-NPT	---	60PSI
KA3531HD-05	801624	1/4"-NPT	1/4"-NPT	100-106PSI	90PSI

Pressure Protection Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	OPEN PRESSURE
KA1705JA	90054079	1/4"-NPT	1/4"-NPT	92-98psi
KA1705JH	90554615	1/4"-NPT	1/4"-NPT	---

Pressure Protection Valve



KA NO.:	REF No.:	INLET	OUTLET	ACCESSORY	OPEN PRESSURE
KA3531UA01	KN31000	1/4"-NPT	1/4"-NPT	NO	65PSI
KA3531UA02	KN31001	1/4"-NPT	1/4"-NPT	1/4"+1/8"NPT	65PSI

Pressure Protection Valve



KA No.:	REF No.:	INLET	OUTLET	OPEN PRESSURE
KA3531UA01	KN31000	1/4"-NPT	1/4"-NPT	75PSI

Pressure Protection Valve



KA NO.:	REF No.:	INLET	OUTLET	OPEN PRESSURE
KA3525SA	223455	1/2"-NPT	3/8"-NPT	55PSI
KA3525SA-02	223375	3/8"-NPT	3/8"-NPT	55PSI
KA3525SA-03	223585	1/4"-NPT	1/4"-NPT	55PSI

Pressure Protection Valve



KA NO.:	REF No.:	INLET	OUTLET	OPEN PRESSURE
KA3512PA01	277147	1/4"-NPT	1/4"-NPT	65PSI
KA3512PA07	277148	1/4"-NPT	1/4"-NPT	85PSI
KA3512PA03	277226	1/4"-NPT	1/4"-NPT	60PSI
KA3512PA04	277222	1/4"-NPT	1/4"-NPT	95PSI

Pressure Protection Valve



KA No.:	REF No.:	INLET	OUTLET	OPEN PRESSURE
KA3531QB	KN16743	1/8"-NPT	1/8"-NPT	57-65PSI

Pressure Protection Valve



KA No.:	REF No.:	INLET	OUTLET	OPEN PRESSURE
KA3533UU	90554107	1/4"-NPT	1/4"-NPT	75PSI

Pressure Protection Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	OPEN PRESSURE
KA3515EA-A	9347023000	M22*1.5	M16*1.5	6.8Bar
KA3515EA-C	9347023200	M22*1.5	M16*1.5	7.0Bar

Circuit Protection Valve



KA No.:	REF No.:	NOTES
KA3515AE-31	AE4802	1:M16*1.5; 27/28:M12*1.5 21+22+23+23+25+26:M22*1.5

SC-PR Single Check Protection Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3525YU	065677	1/2"NPT	1/2"NPT

Unloader Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	OPEN PRESSURE
KA3512CB	DR3500	M22*1.5	M22*1.5	120PSI

Unloader Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	OPEN PRESSURE
KA3512BJ	9753034730	M22*1.5	M22*1.5	120PSI

Air Filter Regulator



KA No.:	REF No.:	SUP PORT	DEL PORT	OPEN PRESSURE
KA3531QA	A4740	3/8"-NPT	1/8"-NPT	55-65PSI
KA3531QC	K2170	3/8"-NPT	1/8"-NPT	57.5-62.5PSI

Relay Emergency Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	EME PORT	SER PORT	CON PORT
KA3527FB	110200	3/4"NPT	3/8"NPT	1/4"NPT	1/4"NPT	N/A
KA3527FC	110205	3/4"NPT	3/8"NPT	3/8"NPT	3/8"NPT	N/A

RE-6 Relay Emergency Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	EME PORT	SER PORT
KA3527AB	281860	3/4"NPT	1/4"NPT	1/4"NPT	1/4"NPT
KA3527AD	281865	3/4"NPT	3/8"+1/4"NPT	1/4"NPT	1/4"NPT

R-6 Relay Emergency Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT
KA3518ED	279180	3/8"NPT	3/8"NPT	3/8"NPT
KA3518ED-01	280375	1/2"NPT	3/8"NPT	3/8"NPT

R-14H Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	BAL PORT
KA3518JH-A	103010	3/4"NPT	1/2"NPT	1/4"NPT	1/8"NPT
KA3518JC-11	104574	1/2"NPT	1/2"NPT	1/4"NPT	1/8"NPT

R-12H Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT
KA3518JH-A	103009	3/4"NPT	1/2"NPT	1/4"NPT
KA3518JC-11	065125	1/2"NPT	1/2"NPT	1/4"NPT

R-12 Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT
KA3518JC	102626	1/2"NPT	1/2"NPT	1/4"NPT

R-14 Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	BAL PORT
KA3518JB-A	103028	1/2"NPT	1/2"NPT	1/4"NPT	1/8"NPT

Relay Emergency Valve



KA No.:	REF No.:	DEL PORT	EME PORT	SER PORT	RES PORT	AUX PORT
KA3518LE-A	KN30100	1/4"NPT	1/4"NPT	1/4"NPT	3/4"NPT	PLUGGED
KA3518LE-B	KN30200	3/8"NPT	3/8"NPT	3/8"NPT	PLUGGED	1/2"NPT
KA3518LE-C	KN30400	3/8"NPT	1/4"NPT	1/4"NPT	3/4"NPT	PLUGGED

RG-2 Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	CRK PRE
KA3518GB	KN28500	3/8"NPT	3/8"NPT	1/4"NPT	5.6PSI
KA3518GG	KN28510	1/2"+3/8"NPT	3/8"NPT	1/4"NPT	5.6PSI
KA3518GH	KN28520	1/2"NPT	1/2"NPT	1/4"NPT	5.6PSI

FF-2 Full Function Trailer Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	CRK PRE
KA3518LA	KN28600	3/8"NPT	3/8"NPT	1/4"NPT	3/4"NPT	3PSI
KA3518LA01	KN28601	3/8"NPT	3/8"NPT	1/4"NPT	1/2"NPT	3PSI

Relay Emergency Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	RES PORT	CRK PRE
KA3518QB-01	110197	N/A	3/8"NPT	3/8"NPT	1/2"NPT	4PSI

R-8 Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	BAL PORT
KA3518SS-01	286370	3/4"NPT	1/2"+1/4"NPT	1/4"NPT	1/8"NPT

R-8P Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	EXH PORT
KA3518SS-02	287114	3/4"NPT	1/2"+1/4"NPT	3/8"NPT	1/8"NPT

R-12 Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	CRK PRE
KA3518HS	065303	1/2"NPT	3/8"NPT	1/4"NPT	4PSI

BP-R1 Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	CON PORT	CRK PRE
KA3518TF	065145	1/2"NPT	1/2"+3/8"NPT	1/4"NPT	1/8"NPT	4PSI
KA3518TF-C	065146	1/2"NPT	1/2"+3/8"NPT	1/4"NPT	1/8"NPT	5.5PSI

Emergency Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	EME PORT
KA3527 008 000 0	12352	3/4"NPT	3/8"NPT	1/4"NPT	3/8"NPT

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	CRK PRE
KA3518TB	KN28080	1/2"NPT	3/8"NPT	3/8"NPT	7.0PSI

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	CRK PRE
KA3518TC	KN28071	1/2"NPT	1/2"NPT	1/4"+1/8"NPT	4.5PSI

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT
KA3527GB	110171	3/8"NPT	3/8"NPT	3/8"NPT	1/2"+3/8"NPT
KA3527GD	110191	3/8"NPT	3/8"NPT	3/8"NPT	1/2"+3/8"NPT
KA3527GE	110310	3/8"NPT	3/8"NPT	3/8"NPT	1/2"NPT
KA3527GA	110170	3/8"NPT	3/8"NPT	3/8"NPT	1/2"NPT

RT-4 Multifunction Trailer Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	OPEN PRESSURE
KA3527GC	KN26000	3/8"NPT	3/8"NPT	3/8"NPT	1/2"+3/8"NPT	55PSI
KA3527GC-02	KN26020	3/8"NPT	3/8"NPT	3/8"NPT	1/2"+3/8"NPT	55PSI

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	RES PORT	NOMINAL CRACK PRESSURE
KA3527UA-01	110415	3/8" NPT	3/8"NPT	3/4"NPT	1.2PSI
KA3527UA-03	110380	3/8" NPT	3/8"NPT	3/4"NPT	4.0PSI

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	RES PORT	NOTES
KA3518UB	110410	3/8" NPT	3/8"NPT	3/4"NPT	---
KA3518UB-12	110412	3/8" NPT	3/8"NPT	3/4"NPT	With Bracket

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	RES PORT	NOTES
KA3518UB-02	110370	1/2" NPT	3/8"NPT	3/8"NPT	---

Relay Emergency Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	RES PORT	EME PORT
KA3518QP-01	A1000	1/2"NPT	1/4"NPT	1/4"NPT	1/4"NPT



KA No.:	REF No.:	NOTES
KA3518QP-01-KIT	A1000	---

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	SER PORT
KA3518ZC	4721950310	3/8"NPT	3/8"NPT	3/8"NPT	3/4"NPT

Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT
KA3518JE	K078420	1/2"NPT	1/2"+3/8"NPT	1/4"NPT

ABS Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	NOTES
KA3518SU-02	4005001030	3/8"NPT	3/8"NPT	3/8"NPT	12V 4S/3M
KA3518SU-22	4005001010	3/8"NPT	3/8"NPT	3/8"NPT	12V 2S/1M

ABS Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT
KA3518SU-21	4008506020	3/4"NPT	3/8"NPT	3/8"NPT

ABS Axle Package



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	NOTES
KA35754ABSK	4725001030 R950134	1/2"NPT	3/8"NPT	1/4"NPT	12V 6S/4M
KA3754ABSV	4725001200 R955378	3/8"NPT	3/8"NPT	3/8"NPT	12V 4S/4M

ABS Front Axle Package



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3516ABSK	4725003200	1/2"NPT	1/2"NPT

ABS Relay Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT
KA3518ZX	9730110240	1/2"NPT	3/8"NPT	1/4"NPT

Solenoid Modulator Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3550FU-01	4721950780	1/2"NPT	1/2"NPT
KA3550FU-02	4721950790	1/2"NPT	1/2"NPT

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908EB	90054007	ALL PORTS 1/8"NPT, INCLUDES FITTINGS 6 SECOND DELAY

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908UA	90555274	2 SUSPENSION PORTS 1/4" NPT STRAIGHT MANIFOLD 1/4"PTC PILOT PORT WITH 7.000" ADJUSTABLE ARM

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908SL-02	KN27000	2 SUSPENSION PORTS 1/4"NPT WITH 14.000" LEVER ARM 12.000" ADJUSTABLE VERTICAL LINKAGE

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908JA	20QE3126 H00450CE	ALL PORTS 1/8"NPT, COMPLETE KIT

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908UB	H00500	SUP: 1/4" NPT, DEL: 1/4" NPT (1) DUMP PILOT PORT: 1/8" NPT

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908UE	90555353	ARM 7.000" CENTER TO CENTER

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908FU	90554241	IMMEDIATE RESPONSE, ALL PORTS 1/4" NPT

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908UG	H00600 20QE2373	DUAL SUSPENSION PORTS 3/8"PTC INCLUDES 2 LEVERS AND 1 LINKAGE KIT

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908GA-40	4640070040	1 SUSPENSION PORT, PTC FITTINGS, BALL STUD, 7-7/8" LEVER

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908XF	612032001	M16x1.5+M12x1.5

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LA-03	VS-227	SUP: 1/4", SUS: 1/4" DUAL LENGTH ARM: 5", 6.8", 7.5

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LD	KD2168	2-3/4" STRAIGHT ARM, APPL CONSTELLATION

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LW	KD2261	OFFSET ARM

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HW	KD2373	7.437" CENTER TO CENTER

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LA-07	4000-57977000	HEIGHT CONTROL VALVE WITH BRACKET, 7.000" ARM

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HA	52341-Q135	SUP: 1/4", SUS: 1/4" DUAL LENGTH ARM: 6"

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HN	59899000L	7.000" ARM CENTER TO CENTER

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HX	90554926	1/4" NPT, 2 SUPPLY PORTS AND 6-13/16" ADJUSTABLE ARM, 2 90° 1/4" TUBE FITTINGS AND EXHAUST TUBE

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HT	59013000	WITHOUT BRACKET, 7.000" ARM

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LA-116	VS-27116	DIFFERENTIAL DUMP HEIGHT CONTROL VALVE FOR DOCK STABILIZING WITH FITTINGS

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HM	KD2205	8.000" BENT ARM

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908HK	KD2422	ARM 8.000" CENTER TO CENTER

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908SK	KD2503	WITH 7.000" OFFSET ARM

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LK	KD2262	OFFSET ARM 2.750" CENTER TO CENTER

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908LM	59935000	SUP: 1/4"-PTC, SUS: 1/4"-PTC DUAL LENGTH ARM: 7"

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908UL	H01501UD	3 LEVER OPTIONS: 3/8" PTC PLUG; 1/4" PTC ELBOW; 3/8" PTC ELBOW

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908MB-01	050 000 500 6	1+2+3= M12*1.5
KA2908MB-02	050 000 500 7	1+2+3= M12*1.5

Height Control Valve



KA No.:	REF No.:	DESCRIPTION
KA2908MA-01	050 000 500 1	1+2+3= M12*1.5
KA2908MA-02	050 000 500 2	1+2+3= M12*1.5

PP-1 Push Pull Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT	AUTOMATIC RELEASE PRESSURE
KA3548FD-E	276567	1/8"-NPT	1/8"-NPT	1/8"-NPT	40PSI
KA3548FD-B	287417	1/8"-NPT	1/4"-NPT	1/8"-NPT	30PSI
KA3548FD	276566	1/8"-NPT	1/8"-NPT	1/8"-NPT	20PSI
KA3548FE	287600	1/8"-NPT	1/4"-NPT	1/8"-NPT	40PSI
KA3548FE-02	283828	1/8"-NPT	1/8"-NPT	1/8"-NPT	60PSI

PP-7 Push Pull Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	EXH PORT
KA3548WC	288241	1/8"-NPT	1/4"-NPT	1/8"-NPT	1/4"-NPT
KA3548WD	288239	1/8"-NPT	1/4"-NPT	1/8"-NPT	---

PP-8 Push Pull Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3548PB	287238	1/8"-NPT	1/8"-NPT	1/8"-NPT
KA3548PB-02	287418	1/8"-NPT	1/4"-NPT	1/8"-NPT

PP-DC Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	NOTES
KA3548YB-31	KN20031	1/4"-NPT	1/4"-NPT	25-35PSI
KA3548YB	KN20033	1/4"-NPT	1/4"-NPT	7-17PSI

Trailer Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3526TH-1	KN20541	1/8"-NPT	1/4"-NPT	1/4"-NPT

Trailer Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3526TH	KN20561	1/4"-NPT	1/4"-NPT	1/4"-NPT

Trailer Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3526TA	276270	1/4"-NPT	1/4"-NPT	1/4"-NPT

Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3548FH	KN20021	1/8"-NPT	1/8"-NPT	1/8"-NPT

TW-1 Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3526HC03	229635	1/8"-NPT	1/8"-NPT	1/8"-NPT

TW-4 Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3526HC04	276635	3/8"-NPT	1/8"-NPT	1/8"-NPT

TW-11 Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	EXH PORT
KA3526HC08	065316	3/8"-NPT	3/8"-NPT	1/8"-NPT	1/2"-NPT

Control Valve



KA NO.:	REF No.:	DESCRIPTION
KA1705FB	320121	1,3,21,22= 1/4"NPT

AV-95 Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT
KAB606YV-95	AV-95	1/4"PTC	1/4"PTC

Dash Control Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3548FM	17600B	3/8"-NPT	3/8"-NPT	3/8"-NPT

Gear Box Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KAD5-A3546	A3546	1/8"-NPT	1/8"-NPT	1/8"-NPT

Gear Box Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT
KA1705NA-01	A5000	1/8"-NPT	1/8"-NPT

Gear Box Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA1705MB	A4688 EF36770	1/8"-NPT	1/8"-NPT	1/8"-NPT

Gear Box Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA1705JK-01	X880843	1/8"-NPT	1/8"-NPT	1/8"-NPT

Gear Box Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA1705MC	K3245	1/8"-NPT	1/8"-NPT	1/8"-NPT

Dual Acting Valve



KA No.:	REF No.:	THREAD
KA1704MB	73507	1/4"NPT

Tractor Protection Valve



KA No.:	REF No.:	TRACTOR		TRAILER		FOOT CON PORT	HAND CON PORT
		EME PORT	SER PORT	EME PORT	SER PORT		
KA3522UA-03	KN34110	3/8"NPT	1/2"NPT	1/2"NPT	1/2"NPT	3/8"NPT	3/8"NPT

TP-3 Tractor Protection Valve



KA No.:	REF No.:	TRACTOR EME PORT	TRACTOR SER PORT	TRAILER EME PORT	TRAILER SER PORT
KA3522NA-02	279000	1/4"-NPT	3/8"-NPT	1/2"-NPT	1/2"-NPT

TP-3DC Tractor Protection Valve



KA No.:	REF No.:	TRACTOR EME	TRACTOR CON	TRACTOR SER	TRAILER EME	TRAILER SER
KA3522YD-01	065706	3/8"-NPT	3/8"-NPT	1/2"-NPT	1/2"-NPT	1/2"-NPT

TP-5 Tractor Protection Valve



KA No.:	REF No.:	SER REAR	STOP SWITCH	SER FRONT	TRAILER CON	TRAILER SER SUP	TRAILER EME SUP	TRACTOR CON DEL
KA3548RA02	065702	1/2"PTC	3/8"PTC	1/2"PTC	3/8"PTC	1/2"NPT	1/2"NPT	3/8"PTC
KA3548RA	107430	3/8"NPT	3/8"NPT	3/8"NPT	1/4"NPT	1/2"NPT	1/2"NPT	1/4"NPT
KA3548RA01	288605	3/8"NPT	1/4"NPT	3/8"NPT	3/8"NPT	1/2"NPT	1/2"NPT	3/8"NPT
KA3548RA03	800396	1/2"PTC	1/4"PTC	1/2"PTC	3/8"PTC	1/2"NPT	1/2"NPT	3/8"PTC

SR-1 Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	CRK PRE
KA3599EA-01	286364	1/4"NPT	1/4"NPT	1/4"NPT	1/4"NPT	55PSI

SR-2 Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	RES PORT	EXH PORT
KA3599AC-02	103061	1/4"NPT	3/8"NPT	1/4"NPT	1/2"NPT	3/8"NPT
KA3599AC-03	102761	1/4"NPT	3/8"NPT	1/4"NPT	3/4"NPT	3/8"NPT

SR-3 Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	RES PORT	EXH PORT
KA3599AC	287376	1/4"NPT	3/8"NPT	1/4"NPT	3/4"NPT	3/8"NPT
KA3599AE	272914	1/4"NPT	3/8"NPT	1/4"NPT	3/4"NPT	3/8"NPT

SR-4 Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	SER PORT	RES PORT	EXH PORT
KA3599CA	101112	1/4" NPT	3/8"NPT	1/4"NPT	1/4"+3/4"NPT	3/8"NPT
KA3599CA-02	101622	1/4" NPT	3/8"NPT	1/4"NPT	1/4"+1/2"NPT	3/8"NPT

SR-5 Spring Brake Valve



KA No.:	REF No.:	TRAILER SUP	DEL PORT	TRAILER SER	SPRING BRAKE RESERVOIR	RESERVOIR MOUNTING
KA3599CB-02	065439 109617	1/4"NPT	3/8"NPT	1/4"NPT	1/4"NPT	1/2"NPT

SR-5 Spring Brake Valve



KA No.:	REF No.:	TRAILER SUP	DEL PORT	TRAILER SER	SPRING BRAKE RESERVOIR	RESERVOIR MOUNTING
KA3599CB	065437	1/4"NPT	3/8"NPT	1/4"NPT	1/4"NPT	3/4"NPT

SR-7 Spring Brake Modulating Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	BAL PORT	PARK CON
KA3599SR-02	K021557	1/2"-NPT	3/8"-NPT	1/4"-NPT	1/4"-NPT	1/4"-NPT
KA3599SR	K021558	1/2"-NPT	3/8"-NPT	3/8"-NPT	3/8"-NPT	1/4"-NPT
KA3599SR-03	K021559	1/2"-NPT	3/8"-NPT	3/8"-PTC	3/8"-PTC	1/4"-NPT

R-7 Modulating Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	BAL PORT
KA3512PA05	103081	3/8"-NPT	3/8"-NPT	1/4"-NPT	1/4"-NPT

Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	OPEN PRESSURE
KA3599FF	110500	3/8"-NPT	3/8"-NPT	3/8"-NPT	1/2"-NPT	80PSI

Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	OPEN PRESSURE
KA3599FC	110700	3/8"-NPT	3/8"-NPT	3/8"-NPT	1/2"-NPT	80PSI

Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	OPEN PRESSURE
KA3599FE	110800	3/8"-NPT	3/8"-NPT	3/8"-NPT	1/2"-NPT	80PSI

Spring Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	CON PORT	RES PORT	OPEN PRESSURE
KA3599TM	51301	3/8"-NPT	3/8"-NPT	3/8"-NPT	1/2"-NPT	80PSI

SV-1 Synchronizing Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	EXH PORT	OPEN PRESSURE
KA3533EB-02	283700	1/4"-NPT	1/4"-NPT	1/4"-NPT	1/8"-NPT	50PSI
KA3533EB	278825	1/4"-NPT	1/4"-NPT	1/4"-NPT	1/8"-NPT	28PSI
KA3533EB-03	282472	1/4"-NPT	1/4"-NPT	1/4"-NPT	1/8"-NPT	11PSI

SC-1 Single Check Valve



KA NO.:	REF No.:	INLET	OUTLET
KA3525ZB	KN23010	3/8"-NPT	3/8"-NPT
KA3525ZA	KN23000	1/2"-NPT	1/2"-NPT
KA3525ZC	KN23040	3/4"-NPT	3/4"-NPT

DC-4 Double Check Valve



KA NO.:	REF No.:	THREAD
KA3533HA	278614	3/8"-NPT
KA3533HA-01	278615	1/4"-NPT

DC-1 Double Check Valve



KA NO.:	REF No.:	THREAD
KA3533GA	280479	3/8"-NPT

DC-4 Double Check Valve



KA NO.:	REF No.:	SUP PORT	DEL PORT	CON PORT	PURGE TANK
KA3533HB-01	278595	1/4"-NPT	1/4"-NPT	1/2"-NPT	1/4"-NPT
KA3533HB-02	278596	3/8"-NPT	3/8"-NPT	1/2"-NPT	1/4"-NPT
KA3533HB-03	278597	1/4"-NPT	1/4"-NPT	3/8"-NPT	1/4"-NPT
KA3533HB-04	278598	3/8"-NPT	3/8"-NPT	3/8"-NPT	1/4"-NPT
KA3533HB	280809	3/8"-NPT	3/8"-NPT	3/8"-NPT	3/8"-NPT

SC-3 Single Check Valve



KA NO.:	REF No.:	INLET	OUTLET
KA3525CS	800376	1/2"-NPT	1/2"-NPT

SC-3 Single Check Valve



KA NO.:	REF No.:	INLET	OUTLET
KA3525SB-01	800370	1/2"-NPT	1/2"-NPT
KA3525SB-02	800369	3/4"-NPT	3/4"-NPT
KA3525SB-03	801144	1/4"-NPT	1/4"-NPT

SC-3 Single Check Valve



KA NO.:	REF No.:	INLET	OUTLET
KA3525SC-04	800374	1/4"-NPT	1/8"-NPT
KA3525SC-03	800375	1/4"-NPT	1/4"-NPT
KA3525SC-02	800373	3/8"-NPT	3/8"-NPT
KA3525SC	800372	1/2"-NPT	1/2"-NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-102	800257 065523	28" Dia	---	3/8" PTC

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA	800516/065157/ 065697	28" Dia	---	1/4" NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-141	800519 065186	1/4-20 Thread	---	1/4" NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-21	800445	27" Dia	---	1/4" NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-1618	800522 065208	M6*1-6H	1/8"-27	1/4" NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-152	800260	M5*0.8-6H	---	3/8" PTC

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-1418	K031485 K031484	1/4-20 Thread	---	3/8" PTC Elbow

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-142	800259 800036	1/4-20 Thread	---	3/8" PTC

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-73	800573/065187	1/4-20 Thread	----	1/4"NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-111	800523/065248	#10-24 Thread	----	1"NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-101	800517/065159/065379	#10-24 Thread	----	1/4"NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-15	802122	28"Dia	1/8"NPT	1 1/2"PTC 4*3/8PTC

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-18	800518/065160	28"Dia	----	1/4"NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-318	800521	1/4-20 Thread	----	1/4"NPT

MV-3 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548SA-44	801631/5012393	20"Dia	----	3/8"PTC Elbow

MV-2 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548ZA-E	KN20619	28"Dia	----	3/8"PTC

MV-2 Dash Control Module



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548ZA	KN20615	6.3mm	---	1/4"NPT

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WS	801315	27"Dia	---	3/8"PTC Elbow

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WU	800620	M8*1-6H	---	3/8"PTC

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WV	800309	M6*1-6H	---	3/8"PTC

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WE	065643	27"Dia	---	3/8"PTC

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WV	800841	M6*1-6H	---	3/8"PTC

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WW	800034	27"Dia	---	1/4"NPT

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WA	065690	27"Dia	---	3/8"PTC

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WX	065661	1/4-20 Thread		3/8"PTC

PP-DC Control Valve



KA No.:	REF No.:	MOUNTING HOLE	AUXILIARY PORT	NOTES
KA3548WK	800142	1/4-20 Thread		1/4"NPT

Push/Pull Knobs



KA No.:	REF No.:	NOTES
KA3548ZA-S31	298817	MV-3 KNOB RED THREAD TYPE
KA3548ZA-S41	298818	MV-3 KNOB YELLOW THREAD TYPE

Push/Pull Knobs



KA No.:	REF No.:	NOTES
KA3548ZC-S-1	290655/KN20900	MV-2 KNOB RED PIN TYPE
KA3548ZC-S-2	248433/KN20901	MV-2 KNOB YELLOW PIN TYPE

E-3 Foot Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	AUX SUP PORT	AUX DEL PORT
KA3514PA-A	277863	1/2"NPT	1/2"NPT	1/4"NPT	1/2"NPT

E-6 Foot Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3514GD-A	286171	3/8"NPT	3/8"NPT

E-7 Foot Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3514JA-01	286773	3/8"NPT	3/8"NPT

E-8 Foot Brake Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3514YA-01	800629	3/8"NPT	3/8"NPT

QR-1 Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3516LA	229859	3/8"NPT	3/8"NPT	---
KA3516LC	229860	1/2"NPT	3/8"NPT	---
KA3516LB	229813	3/8"NPT	1/4"NPT	---
KA3516LA-A	229844	1/2"NPT	1/4"NPT	---
KA3516LD	288251	3/8"NPT	3/8"NPT	3/8"NPT

QR-1C Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	BAL PORT
KA3516FD	289714	1/4"NPT	3/8"NPT	1/4"NPT
KA3516FE	289182	1/4"NPT	1/4"NPT	1/4"NPT

LQ-4 Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	NOMINAL HOLD OFF PRESSURE	NOMINAL EQUALIZING PRESSURE
KA3516WA	101311	3/8"NPT	3/8"NPT	20PSI	70PSI
KA3516WA-02	289144	3/8"NPT	3/8"NPT	4PSI	60PSI
KA3516WA-03	289148	3/8"NPT	3/8"NPT	10PSI	65PSI

LQ-2 Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3516VA-01	229505	3/8"NPT	3/8"NPT	---
KA3516VA-02	229507	1/2"NPT	1/4"NPT	---
KA3516VA-03	229509	3/8"NPT	1/4"NPT	---
KA3516VA-04	288417	3/8"NPT	3/8"NPT	3/8"NPT

QRN Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3516QD-01	802743	3/8"NPT	3/8"NPT
KA3516QD-02	802742	1/2"NPT	3/8"NPT

QR-L Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	NOTES
KA3516MA	800333	3/8"NPT	3/8"NPT	DIRECT MOUNT
KA3516MA-12	800332	1/2"NPT	3/8"NPT	FRAME OR BRACKET MOUNT

Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3516MB	80-1094	1/2"NPT	1/2"NPT

Quick Release Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	EXH PORT
KA3516SA	41011-90004	3/8"NPT	3/8"NPT	1/2"NPT

HV-3 Horn Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3520DA	228013	1/4"NPT	1/8"NPT

HV-3 Horn Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3520DA-2	228928	1/4"NPT	1/8"NPT

Horn Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3520DS	228928/1630	1/4"NPT	1/8"NPT

Horn Valve



KA No.:	REF No.:	SUP PORT	DEL PORT
KA3520DM	91-8316	1/4"PTC	1/4"PTC

DV-2 Automatic Reservoir Drain Valve



KA No.:	REF No.:	THREAD
KA3513LA	281923	1/4"NPT+3/8"NPT

DV-2 Automatic Reservoir Drain Valve



KA No.:	REF No.:	THREAD	HEATER
KA3513LE	284412	1/4"NPT	12V

Manual Drain Valve



KA No.:	REF No.:	THREAD	LENGTH
KA3513ZA	12105	1/4"NPT	5"
KA3513ZA-05B	12105B	3/8"NPT	5"
KA3513ZA-04	12104	1/4"NPT	4"

Manual Drain Valve



KA No.:	REF No.:	THREAD
KA1705CU	90054088	1/4"NPT

Manual Drain Valve



KA No.:	REF No.:	THREAD
KA3513DD	90076	1/4"NPT

ST-4 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513SA-2	800155	1/4"NPT	200PSI

ST-4 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513JB	801116	7/8"-14	250PSI

ST-4 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513JA	205104	1/4"NPT	150PSI

ST-1 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513SA-3	800154	1/2"NPT	250PSI

ST-3 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513JC-2	284143	3/8"NPT	150PSI

ST-3 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513JC	284142	1/4"NPT	150PSI

ST-3 Safety Valve



KA No.:	REF No.:	THREAD	PRESSURE
KA3513JC-3	285849	1/2"NPT	175PSI

Low Air Pressure Switches



KA No.:	REF No.:	NOTES
KAD5-M024	BE13240	12V or 24V 1/8"-27 NPTF THREAD 55PSI
KAD5-M021	BE13241	12V or 24V 1/8"-27 NPTF Thread 66PSI
KAD5-M022	BE13250	1/4"-18 NPTF 35PSI
KAD5-M025	BE13255	12V or 24V 1/8"-27 NPTF THREAD-TYPICAL 55PSI

Low Air Pressure Switches



KA No.:	REF No.:	NOTES
KAD5-M026	228750	DOUBLE TERMINAL 1/4"NPT NORMALLY CLOSES 0PSI, OPENS AT 60PSI

Low Air Pressure Switches



KA No.:	REF No.:	NOTES
KAD5-M029	279416	SINGLE TERMINAL 1/4"NPT NORMALLY OPEN (0PSI), CLOSES AT 60PS

SL-4 Low Air Pressure Switches



KA No.:	REF No.:	NOTES
KAD5-M023	228688	PMX30/30Xp/65/85/105/125 PRESS SWITCH

Solenoid Air Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	VOLTAGE
KAD5-68230	KN68230	1/4"NPT	1/4"NPT	12V
KAD5-68237	KN68237	1/4"NPT	1/4"NPT	24V

Solenoid Air Valve



KA No.:	REF No.:	NORMALLY OPEN INLET PORT SIZE	OUTLET PORT SIZE	NORMALLY CLOSED INLET PORT	VOLTAGE
KA3754UM	1689785C91	1/8"NPT	1/8"NPT	1/8"NPT	12V
KA3754UF	3551298C92	1/8"NPT	1/8"NPT	1/8"NPT	24V

Solenoid Air Valve



KA No.:	REF No.:	SUP PORT	DEL PORT	VOLTAGE
KAD5-R020	4721700020	V16x1.5	V16x1.5	12V

Solenoid Air Valve



KA No.:	REF No.:	VOLTAGE
KA3754UC	3035342	12V

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-Z110	A6909	1/16"NPT	9 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-Z119	A6918	1/16"NPT	18 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-Z111	A6910	1/16"NPT	10 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-4487	A4487	1/16"NPT	8 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-Z100	A6913	1/16"NPT	13 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-4490	A4490	1/16"NPT	13 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-Z101	A6915	1/16"NPT	15 Speed

Shift Knob



KA No.:	REF No.:	PORTS	NOTES
KAD5-4491	A4491	1/16"NPT	8 Speed

Clutch Servo



KA No.:	REF No.:	NOTES
KA1608AM	642-03080	AIR PORT: M14*1.5 HYD PORT: M12*1.5 STROKE: 35MM

Clutch Servo



KA No.:	REF No.:	NOTES
KA1608BM	642-03502	AIR PORT: M14*1.5 HYD PORT: M12*1.5 STROKE: 35MM

Clutch Servo



KA No.:	REF No.:	NOTES
KA1608PS-01	9700511900	AIR PORT: M16*1.5 HYD PORT: M14*1.5 STROKE: 60mm BRAKE FLUID SAE J 1703

Clutch Servo



KA No.:	REF No.:	NOTES
KA1608PE-02	9700511280	AIR PORT: M16*1.5 HYD PORT: M14*1.5 STROKE: 58.5MM BRAKE FLUID SAE J 1703

Power Brake Booster



KA No.:	REF No.:	NOTES
KA1609BB	203-07040	FOR ISUZU HINO MITSUBISHI

Power Brake Booster



KA No.:	REF No.:	NOTES
KA1609BA	203-07150	FOR ISUZU HINO MITSUBISHI

Clutch Master



KA No.:	REF No.:	NOTES
KA1605010-503	9700515030	HYD PORT : M7*1 STROKE : 53.3mm BRAKE FLUID SAE J 1703

Clutch Master



KA No.:	REF No.:	NOTES
KA1605010-512	9700515120	HYD PORT: M7*1+M14*1.5 STROKE: 25mm DOT 3 - DOT 4, SAE J 1703

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AA	340-4975	9918	O.D:6-1/4*8UN(M)

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AE-P	343-4075	9906	O.D:6-1/4*8UN(M) WITH OIL PLUG
KA4510AE	340-4075	9906	O.D:6-1/4*8UN(M) WITHOUT OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AD-P	343-4195	9907	BOLT CIRCLE: 6-3/4" MOUNTING HOLES: 6 WITH OIL PLUG
KA4510AD	340-4195	----	BOLT CIRCLE: 6-3/4" MOUNTING HOLES: 6 WITHOUT OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AB-P	343-4024	9904	BOLT CIRCLE: 4-1/2" MOUNTING HOLES: 6 WITH OIL PLUG
KA4510AB	340-4024	9908	BOLT CIRCLE: 4-1/2" MOUNTING HOLES: 6 WITHOUT OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AC-P	343-4009	9961	BOLT CIRCLE: 5-1/2" MOUNTING HOLES: 6 WITH OIL PLUG
KA4510AC	340-4009	----	BOLT CIRCLE: 5-1/2" MOUNTING HOLES: 6 WITHOUT OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AF-P	343-4249	9925	BOLT CIRCLE: 5-1/2" MOUNTING HOLES: 6 WITH OIL PLUG
KA4510AF	340-4249	----	BOLT CIRCLE: 5-1/2" MOUNTING HOLES: 6 WITHOUT OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AG-P	343-4095	9923	BOLT CIRCLE: 5-1/2" MOUNTING HOLES: 6 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AW	343-4025	----	BOLT CIRCLE: 5-7/8" MOUNTING HOLES: 6 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510NP	366-4024	---	BOLT CIRCLE :4-1/2" MOUNTING HOLES: 6 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AK	343-4075G	---	O.D:6-1/4"8UN(M)

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AL	343-5097	---	BOLT CIRCLE :4-1/2" MOUNTING HOLES: 6

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AQ-P	343-4013	---	BOLT CIRCLE :5-1/2" MOUNTING HOLES: 5 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AA-P	340-4372	---	BOLT CIRCLE :6-3/4" MOUNTING HOLES: 6 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AH-P	343-4370	---	BOLT CIRCLE :5-1/2" MOUNTING HOLES: 6 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510HA-P	320551	---	BOLT CIRCLE :5-1/2" MOUNTING HOLES: 6 WITH OIL PLUG

Hub Cap



KA No.:	REF No.:	PAI	NOTES
KA4510AC-G	342-4009	---	BOLT CIRCLE :5-1/2" MOUNTING HOLES: 6 GREASE

Hub Cap Gasket



KA No.:	REF No.:	NOTES
KA4510AQ-Z-5	330-3013	FIT 4013 5HOLES

Hub Cap Gasket



KA No.:	REF No.:	NOTES
KA4510AB-Z-5	330-3024	FIT 4024 6HOLES

Hub Cap Gasket



KA No.:	REF No.:	NOTES
KA4510AC-Z-5	330-3009	FIT 4009 6HOLES

Hub Cap Gasket



KA No.:	REF No.:	NOTES
KA4510AD-Z-5	330-3118	FIT 4195 6HOLES

Hub Cap Kit



KA No.:	REF No.:	NOTES
KA4510AC-KT3	359-5995	FIT 4009 4195 4075 4095

Hub Cap Kit



KA No.:	REF No.:	NOTES
KA4510AB-KT3	359-5999	FIT 4024

Hub Cap Plug



KA No.:	REF No.:	NOTES
KA4510AF-KT3	359-5912	FIT 4249

Hub Cap Plug



KA No.:	REF No.:	NOTES
KA4510AC-R-1RZ	359-5990	RED RUBBER UNIVERSAL
KA4510AF-R-1RZ	359-5915	RED RUBBER FIT4249

Coiled Air Hose Assemblies Double Layer



KA NO.:	COLOUR	NOTES
KA3628S7-RQS	RED	12ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S7-BQS	BLUE	12ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S3-RQS	RED	15ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S3-BQS	BLUE	15ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S6-RQS	RED	20ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S6-BQS	BLUE	20ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED

Coiled Air Hose Assemblies Double Layer



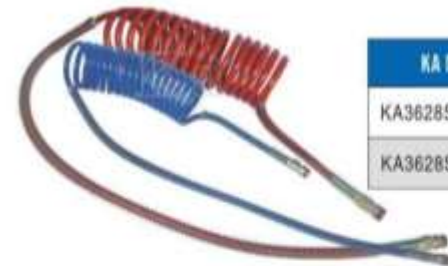
KA NO.:	COLOUR	NOTES
KA3628S4-RQS	RED	15+48ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S4-BQS	BLUE	15+48ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S8-RQS	RED	15+40ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S8-BQS	BLUE	15+40ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED

Coiled Air Hose Assemblies Double Layer



KA NO.:	COLOUR	NOTES
KA3628S3L-RQS	RED	15ft O.D:1/2" 1/2" COPPER FITTING
KA3628S3L-BQS	BLUE	15ft O.D:1/2" 1/2" COPPER FITTING

Coiled Air Hose Assemblies Double Layer



KA NO.:	COLOUR	NOTES
KA3628S4L-RQS	RED	15+48ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED
KA3628S4L-BQS	BLUE	15+48ft O.D:1/2" 1/2" COPPER FITTING D.O.T. APPROVED

Coiled Air Hose Assemblies Single Layer



KA NO.:	COLOUR	NOTES
KA3628D5-RQS	RED	15ft O.D:1/2" 1/2" IRON FITTING
KA3628D5-BQS	BLUE	15ft O.D:1/2" 1/2" IRON FITTING

Coiled Air Hose Assemblies Single Layer



KA NO.:	COLOUR	NOTES
KA3628D5-RQS	RED	15ft O.D:1/2" 1/2" IRON FITTING
KA3628D5-BQS	BLUE	15ft O.D:1/2" 1/2" IRON FITTING

Coiled Air Hose Assemblies Single Layer



KA NO.:	COLOUR	NOTES
KA3628D6-RQS	RED	15+48ft O.D:1/2" 1/2" IRON FITTING
KA3628D6-BQS	BLUE	15+48ft O.D:1/2" 1/2" IRON FITTING

Gland Hand



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521DA	12-006	1/2"-NPT	BLUE	SERVICE
KA3521DC	12-008	1/2"-NPT	RED	EMERGENCY
KA3521DB	12-010	1/2"-NPT	YELLOW	UNIVERSAL

Gland Hand With Shut Off



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521JS	441004	3/8"-NPT	BLUE	SERVICE
KA3521JE	441014	3/8"+1/4"-NPT	RED	EMERGENCY

Gland Hand



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521SB	12-136	3/8"-NPT	BLUE	SERVICE
KA3521SR	12-138	3/8"-NPT	RED	EMERGENCY

Gland Hand With Shut Off



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521US	12-306	3/8"-NPT	BLUE	SERVICE
KA3521UE	12-308	3/8"+1/4"-NPT	RED	EMERGENCY

Gland Hand



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521HB	11452	1/2"-NPT	BLUE	SERVICE
KA3521HR	11451	1/2"-NPT	RED	EMERGENCY

Gland Hand



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521KPB	441242	1/2"-NPT	BLUE	SERVICE
KA3521KPR	441243	1/2"-NPT	RED	EMERGENCY

Gland Hand Angle Mounts:90°



KA NO.:	REF No.:	THREAD	COLOUR	NOTE
KA3521LB	36191	1/2"-NPT	BLUE	SERVICE
KA3521LR	36192	1/2"-NPT	RED	EMERGENCY

Gland Hand Seals



KA NO.:	REF No.:	COLOUR	NOTE
KA3521DA-R-1X	441736	BLACK	PROTECT-O-LIP STYLE
KA3521DA-R-1	248579	BLACK	GLADHAND SEAL-WIDE LIP
KA3521DA-R-1R	12-0162	RED	RED SEAL
KA3521DA-R-1B	12-0161	BLUE	BLUE SEAL

Grip



KA NO.:	COLOUR	NOTES
KA3521GA-03-R	RED	CIRCLE ALUMINUM GRIP 1/2"
KA3521GA-03-B	BLUE	CIRCLE ALUMINUM GRIP 1/2"

Grip



KA NO.:	COLOUR	NOTES
KA3521GA-04-R	RED	HARD PLASTIC GRIP 1/2"
KA3521GA-04-B	BLUE	HARD PLASTIC GRIP 1/2"

Grip



KA NO.:	COLOUR	NOTES
KA3521GA-02-R	RED	HEXAGON ALUMINUM GRIP 1/2"
KA3521GA-02-B	BLUE	HEXAGON ALUMINUM GRIP 1/2"

Grip



KA NO.:	COLOUR	NOTES
KA3521GA-01-R	RED	SOFT PLASTIC GRIP 1/2"
KA3521GA-01-B	BLUE	SOFT PLASTIC GRIP 1/2"

Air Hose Separator



KA NO.:	REF No.:	NOTES
KAGJ-3838	11548	3/8" DOUBLE AIR HOSE SEPARATOR
KAGJ-1212	11549	1/2" DOUBLE AIR HOSE SEPARATOR

Three Hole Hose Clamp



KA NO.:	REF No.:	NOTES
KAGJ-383838	11543	3/8" THREE HOLE HOSE CLAMP
KAGJ-121212	11544	1/2" THREE HOLE HOSE CLAMP

Double Couple & Plug Holder



KA NO.:	REF No.:
KA3521GS-01	441748



KA NO.:	REF No.:
KA3521GS-02	441747

Pogo Sticks



KA NO.:	REF No.:	LENGTH
KA3618AY-01	9400F	24"
KA3618AY-02	9400G	40"
KA3618AY-03	9400M	50"

3 In One Cable



Gauge Wires :1*8AWG+1*10AWG+4*12AWG

KA No.:	LENGTH	GRIP TYPE	NOTES
KA3618-S4-JG	12FT		Circle Aluminum Grip Sloan:451119
KA3618-S2-JG	15FT		Circle Aluminum Grip Sloan:451120
KA3618-S4-JD	12FT		Hexagon Aluminum Grip
KA3618-S2-JD	15FT		
KA3618-S4-JA	12FT		Powder Coated Grip
KA3618-S2-JA	15FT		
KA3618-S4-JH	12FT		Hard Plastic Grip
KA3618-S2-JH	15FT		
KA3618-S4-JK	12FT		Soft Plastic Grip Phillips :30-2151
KA3618-S2-JK	15FT		Soft Plastic Grip Phillips :30-2171

3 In One Cable With Red & Blue Color Brake Hose



Gauge Wires :1*8AWG+1*10AWG+4*12AWG

KA No.:	LENGTH	GRIP TYPE	NOTES
KA3618-S4-JG-RB	12FT		Circle Aluminum Grip
KA3618-S2-JG-RB	15FT		
KA3618-S4-JD-RB	12FT		Hexagon Aluminum Grip
KA3618-S2-JD-RB	15FT		
KA3618-S4-JA-RB	12FT		Powder Coated Grip Sloan:451186
KA3618-S2-JA-RB	15FT		Powder Coated Grip Sloan:451187
KA3618-S4-JH-RB	12FT		Hard Plastic Grip
KA3618-S2-JH-RB	15FT		
KA3618-S4-JK-RB	12FT		Soft Plastic Grip
KA3618-S2-JK-RB	15FT		

Single Tender Kits



KA NO.:	NOTES
KA3618AV-16	16ft
KA3618AV-20	20ft
KA3618AV-25	25ft

Single Tender Kits



KA NO.:	NOTES
KA3618AV-D16	16ft
KA3618AV-D20	20ft
KA3618AV-D25	25ft

Double Tender Kits



KA NO.:	NOTES
KA3618AV-S16	16ft
KA3618AV-S20	20ft
KA3618AV-S25	25ft

Tender Kits



KA NO.:	NOTES
KA3618AW-01	47068

3 In One Electric Cable



KA NO.:	LENGTH	NOTES
KA3628-S2-J	12FT	1*8AWG+1*10AWG+4*12AWG
KA3628-S4-J	15FT	1*8AWG+1*10AWG+4*12AWG

ABS Electric Cable



KA NO.:	LENGTH	NOTES
KA3628-G4-J	12FT	1*8AWG+1*10AWG+4*12AWG
KA3628-G1-J	15FT	1*8AWG+1*10AWG+4*12AWG

Electric Cable



KA NO.:	LENGTH	NOTES
KA3618-B4-J	12FT	6*14AWG+1*12AWG
KA3618-B1-J	15FT	6*14AWG+1*12AWG
KA3618-B6-J	20FT	6*14AWG+1*12AWG

2 Pin Electric Cable



KA NO.:	LENGTH	NOTES
KA3618-H2-R	15FT	2*4AWG

3 In One Electric Cable



KA NO.:	LENGTH	NOTES
KA3628-S6-J	12FT	1*8AWG+1*10AWG+4*12AWG
KA3628-S5-J	15FT	1*8AWG+1*10AWG+4*12AWG

Air Hose With Gun



KA NO.:	FITTING	NOTES
KA3628B5-U	1/4"-NPT	GREY COLOR

Air Hose With Gun



KA NO.:	FITTING	NOTES
KA3628B5-UB	1/4"-NPT	BLACK COLOR

Tire Inflator Kit



KA NO.:	FITTING	NOTES
KA3628F1	63051G	GREEN COLOR

Air Hose (Nylon Pipe)



Anatomy photo



Sample photo

KA NO.:	SIZE	NOTES
KA9522-1/8BS	1/8"	Single Layer Black Color
KA9522-3/16BS	3/16"	Single Layer Black Color
KA9522-1/4BS	1/4"	Single Layer Black Color
KA9522-1/4R	1/4"	Single Layer Red Color
KA9522-1/4LS	1/4"	Single Layer Blue Color
KA9522-1/4Y	1/4"	Single Layer Yellow Color
KA9522-1/4GS	1/4"	Single Layer Green Color
KA9522-5/16BS	5/16"	Single Layer Black Color
KA9522-3/8DB	3/8"	Double Layer Black Color
KA9522-3/8DR	3/8"	Double Layer Red Color
KA9522-3/8DL	3/8"	Double Layer Blue Color
KA9522-1/2DB	1/2"	Double Layer Black Color
KA9522-1/2DR	1/2"	Double Layer Red Color
KA9522-1/2DL	1/2"	Double Layer Blue Color
KA9522-5/8BD	5/8"	Double Layer Black Color
KA9522-5/8RD	5/8"	Double Layer Red Color
KA9522-5/8LD	5/8"	Double Layer Blue Color
KA9522-3/4DB	3/4"	Double Layer Black Color
KA9522-3/4RB	3/4"	Double Layer Red Color
KA9522-3/4LB	3/4"	Double Layer Blue Color

Electric Seat



KA NO.:	REF No.:	NOTES
KA3638C3-S	11720	7-way

Electric Seat



KA NO.:	REF No.:	NOTES
KA3638C15-P	670P75	7-way

Electric Seat



KA NO.:	REF No.:	NOTES
KA3638C4-S	15-720	7-way

Electric Seat



KA NO.:	REF No.:	NOTES
KA3638C6-S	15-760	7-way

Electric Seat



KA NO.:	REF No.:	NOTES
KA3638C7-S	15-326	2-way

Electric Seat



KA NO.:	REF No.:	NOTES
KA3638C8-S	15-320	1-way

Electric Plug



KA NO.:	REF No.:	NOTES
KA3638C3-P	11730	7-way

Electric Plug

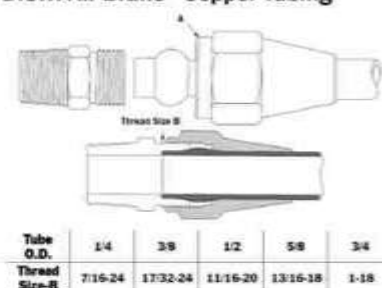


KA NO.:	REF No.:	NOTES
KA3638C4-P	15-730	7-way

Air Brake (Ball Sleeve)

- Used With: Copper Tubing & Nylon Air Brake Tubing
- Typical Application: Air Brake Systems • Pressure: 150PSI
- Vibration Rating : Fair • Material: CA360 Brass
- Sealing Method: 3-Piece Compression
- Temperature Rating: -65° F to +250°F with copper tubing
- Advantages: Easy to assemble (no flaring). Meets DOT and SAE specifications. May be used with nylon tubing by replacing long nut and spherical sleeve with insert, rigid sleeve and nut.

D.O.T. Air Brake - Copper Tubing



Tube O.D.	1/4	3/8	1/2	5/8	3/4
Thread Size-B	7/16-24	17/32-24	11/16-20	13/16-18	1-18

MALE BRANCH TEE

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-ABT42	1/4	1/8				BFABT42
	KATGT-ABT62	1/4	1/4				BFABT62
	KATGT-ABT64	3/8	1/8				BFABT64
	KATGT-38278	3/8	1/4	38-278	12-17203	177.9101	BFABT66
	KATGT-38279	3/8	3/8	38-279	12-17204	177.9102	BFABT46
	KATGT-ABT84	1/2	1/4		12-17205	177.9103	BFABT84
	KATGT-38280	1/2	3/8	38-280			BFABT86
	KATGT-38281	1/2	1/2	38-281			BFABT88
	KATGT-9014	5/8	1/2			177.9104	

MALE RUN TEE

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38264	1/4	1/8	38-264			BFABRT42
	KATGT-38265	1/4	1/4	38-265			BFABRT44
	KATGT-38266	3/8	1/4	38-266			BFABRT64
	KATGT-38267	3/8	3/8	38-267			BFABRT66
	KATGT-ABRT86	1/2	3/8				BFABRT86
	KATGT-38269	5/8	1/2	38-269			BFABRT108

SLEEVE

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38161	1/4		38-161	12-16004	177.9051	BFABSL4
	KATGT-ABSL5	5/16					BFABSL5
	KATGT-38162	3/8		38-162	12-16006	177.9052	BFABSL6
	KATGT-38163	1/2		38-163	12-16008	177.9053	BFABSL8
	KATGT-38164	5/8		38-164	12-16010	177.9054	BFABSL10
	KATGT-38165	3/4		38-165	12-16012	177.9055	BFABSL12

NUT

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38170	1/4		38-170	12-16004	177.9051	BFABN4
	KATGT-ABN5	5/16					BFABN5
	KATGT-38171	3/8		38-171	12-16006	177.9052	BFABN6
	KATGT-38172	1/2		38-172	12-16008	177.9053	BFABN8
	KATGT-38173	5/8		38-173	12-16010	177.9054	BFABN10
	KATGT-38174	3/4		38-174	12-16012	177.9055	BFABN12

UNION TEE

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38188	1/4		38-188	12-16404	177.9066	BFABT4
	KATGT-ABT5	5/16					BFABT5
	KATGT-38189	3/8		38-189	12-16406	177.9067	BFABT6
	KATGT-38190	1/2		38-190			BFABT7
	KATGT-38191	5/8		38-191			BFABT8

UNION TEE

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38217	1/4	1/8	38-217	12-16801	177.9075	BFABC42
	KATGT-38218	1/4	1/4	38-218	12-16802	177.9076	BFABC44
	KATGT-38219	1/4	3/8	38-219			
	KATGT-ABC52	5/16	1/8				BFABC52
	KATGT-ABC54	5/16	1/4				BFABC54
	KATGT-38220	3/8	1/8	38-220	12-16805	177.9077	BFABC62
	KATGT-38221	3/8	1/4	38-221	12-16806	177.9078	BFABC64
	KATGT-38222	3/8	3/8	38-222	12-16807	177.9079	BFABC66
	KATGT-38223	3/8	1/2	38-223	12-16808	177.9080	BFABC68
	KATGT-38224	1/2	1/4	38-224			BFABC84
	KATGT-38225	1/2	3/8	38-225	12-16809	177.9081	BFABC86
	KATGT-38226	1/2	1/2	38-226	12-16810	177.9082	BFABC88
	KATGT-38227	5/8	3/8	38-227			BFABC106
	KATGT-38228	5/8	1/2	38-228			BFABC108
	KATGT-38229	3/4	1/2	38-229			BFABC128
	KATGT-38230	3/4	3/4	38-230			

45° MALE ELBOW

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38287	1/4	1/8	38-287			BFABE442
	KATGT-38288	1/4	1/4	38-288			BFABE444
	KATGT-ABE454	5/16	1/4				BFABE454
	KATGT-ABE462	3/8	1/8				BFABE462
	KATGT-38290	3/8	1/4	38-290	12-17701	177.9105	BFABE464
	KATGT-38291	3/8	3/8	38-291			BFABE466
	KATGT-38292	3/8	1/2	38-292			BFABE468
	KATGT-38293	1/2	3/8	38-293			BFABE486
	KATGT-38294	1/2	1/2	38-294			BFABE488

UNION

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KATGT-38179	1/4		38-179	12-16204	177.9061	BFABU4
	KATGT-ABU5	5/16					BFABU5
	KATGT-38180	3/8		38-180	12-16206	177.9062	BFABU6
	KATGT-38181	1/2		38-181	12-16208	177.9063	BFABU8
	KATGT-38182	5/8		38-182	12-16210	177.9064	BFABU10
	KATGT-38183	3/4		38-183	12-16212	177.9065	BFABU12

90° MALE ELBOW

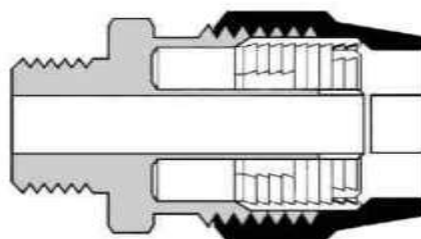


PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KATGT-38235	1/4	1/8	38-235	12-16901	177.9086	BFABE42
KATGT-38236	1/4	1/4	38-236	12-16902	177.9087	BFABE44
KATGT-38237	1/4	3/8	38-237			BFABE46
KATGT-ABE52	5/16	1/8				BFABE52
KATGT-ABE54	5/16	1/4				BFABE54
KATGT-38238	3/8	1/8	38-238	12-16905	177.9088	BFABE62
KATGT-38239	3/8	1/4	38-239	12-16906	177.9089	BFABE64
KATGT-38240	3/8	3/8	38-240	12-16907	177.9090	BFABE66
KATGT-38241	3/8	1/2	38-241	12-16908	177.9091	BFABE68
KATGT-38242	1/2	1/4	38-242			BFABE84
KATGT-38243	1/2	3/8	38-243	12-16910	177.9092	BFABE86
KATGT-38244	1/2	1/2	38-244	12-16911	177.9093	BFABE88
KATGT-38245	5/8	3/8	38-245			BFABE102
KATGT-38246	5/8	1/2	38-246			BFABE108
KATGT-38247	3/4	1/2	38-247			BFABE128

Air Brake Hose Ends (Sleeve Type)

- Pressure: 125 PSI
- Sealing Method: 3 Piece Compression
- Used With: H338 hose
- Typical Application: Air Brake Systems
- Material: CA360 Brass
- Advantages: Easy to assemble and disassemble.
- Meets: SAE and DOT specifications
- Ordering information: Order by catalog number for complete assembly (body, nut and sleeve). Bodies, nuts, and sleeves can be ordered separately by catalog number

D.O.T. Air Brake - Hose/ Ends



SLEEVE



PART #	HOSE I.D.SIZE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38300	3/8	38-300	12-36808	177.7013	BFAHS12
KAGTG-38301		38-301	12-36818	177.7014	BFAHS14

NUT



PART #	HOSE I.D.SIZE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38306	3/8	38-306	12-36807	177.7011	BFAHN12
KAGTG-38307		38-307	12-36817	177.7012	BFAHN14

NUT AND SPRING ASSEMBLY



PART #	HOSE I.D.SIZE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38015	3/8	38-015	12-36879	177.7020	BFAHSP
KAGTG-38016	1/2	38-016	12-36889	177.7021	BFAHSP14

ADAPTER BODY



PART #	HOSE I.D.SIZE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38234	3/8	1/4	38-324	12-36804	177.7006	BFABSA64
KAGTG-38235	3/8	3/8	38-325	12-36805	177.7007	BFABSA66
KAGTG-38236	3/8	1/2	38-326	12-36806	177.7008	
KAGTG-38237	1/2	3/8	38-327	12-36815	177.7009	BFABSA86
KAGTG-38238	1/2	1/2	38-328	12-36816	177.7010	

MALE ADAPTER WITHOUT SPRING



PART #	HOSE I.D.SIZE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38333	3/8	1/4	38-333	12-36801	177.7001	BFABSA64A
KAGTG-38334	3/8	3/8	38-334	12-36802	177.7002	BFABSA66A
KAGTG-38335	3/8	1/2	38-335	12-36803	177.7003	
KAGTG-38336	1/2	3/8	38-336	12-36812	177.7004	BFABSA86A
KAGTG-38337	1/2	1/2	38-337	12-36813	177.7005	

MALE ADAPTER WITH SPRING



PART #	HOSE I.D.SIZE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38342	3/8	1/4	38-342	12-37801	177.7015	BFABSA64AS
KAGTG-38343	3/8	3/8	38-343	12-37802	177.7016	BFABSA66AS
KAGTG-38344	3/8	1/2	38-344	12-37803	177.7017	
KAGTG-38345	1/2	3/8	38-345	12-37812	177.7018	BFABSA86AS
KAGTG-38346	1/2	1/2	38-346	12-37813	177.7019	

NUT AND SPRING ASSEMBLY

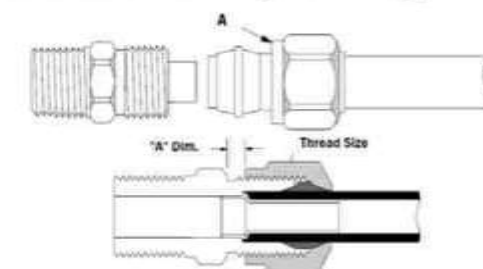


PART #	HOSE I.D.SIZE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38318	3/8	38-318	12-37904	177.7024	BFAHU12
KAGTG-38319	1/2	38-319	12-37914	177.7025	BFAHU14

Air Brake

- Pressure: Maximum 150PSI
- Sealing Method: 3 Piece Compression
- Vibration Rating: Fair
- Temperature: -40° F to 200 ° F
- Material: CA360 Brass
- Used with: DOT Nylon Tubing & Copper Tubing
- Typical Application: Air Brake Systems except where temperatures do not exceed 200° F or where battery acid cannot drip c
- Advantages: Easy to assemble(no tube preparation or bending required). Built in tube support. Meets SAE and D.O.T. standards. May be used with copper tubing by replacing nut, sleeve, and insert with long nut and spherical sleeve.
- Identifying Characteristics: Designation "DOT" or "GW" stamped on fitting turn diameter. Short nut will be used on plastic air brake tubing.

D.O.T. Air Brake - Nylon Tubing



SLEEVE							
	PART #	TUBE O.D.SIZE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-PLS1	5/32			12-09908	177.8013	BFPLS1
	KAGTG-PLS2	1/8			12-09910	177.8014	BFPLS2
	KAGTG-38001	1/4		38-301	12-09911	177.8015	BFPLS4
	KAGTG-38002	3/8		38-302	12-09912	177.8016	BFPLS6
	KAGTG-38003	1/2		38-303	12-09913	177.8017	BFPLS8
	KAGTG-38004	5/8		38-304	12-09914	177.8018	BFPLS10
	KAGTG-38005	3/4		38-305			BFPLS12
NUT							
	PART #	TUBE O.D.SIZE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-PLN1	5/32			12-09908	177.8007	BFPLN1
	KAGTG-PLN2	1/8			12-09910	177.8008	BFPLN2
	KAGTG-38010	1/4		38-010	12-09911	177.8009	BFPLN4
	KAGTG-38011	3/8		38-011	12-09912	177.8010	BFPLN6
	KAGTG-38012	1/2		38-012	12-09913	177.8011	BFPLN8
	KAGTG-38013	5/8		38-013	12-09914	177.8012	BFPLN10
	KAGTG-38014	3/4		38-014			BFPLN12
UNION							
	PART #	TUBE O.D.SIZE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-PLU1	5/32			12-09908	177.8007	BFPLU1
	KAGTG-PLU2	1/8			12-09910	177.8008	BFPLU2
	KAGTG-38019	1/4		38-019	12-09911	177.8009	BFPLU4
	KAGTG-38020	3/8		38-020	12-09912	177.8010	BFPLU6
	KAGTG-38021	1/2		38-021	12-09913	177.8011	BFPLU8
	KAGTG-38022	5/8		38-022	12-09914	177.8012	BFPLU10
	KAGTG-38023	3/4		38-023			BFPLU12
STAINLESS STEEL INSERT							
	PART #	TUBE O.D.SIZE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-38035	1/4		38-035			BFPLIN4
	KAGTG-38036	3/8		38-036			BFPLIN6
	KAGTG-38037	1/2		38-037			BFPLIN8
	KAGTG-38038	5/8		38-038			BFPLIN10
	KAGTG-38039	3/4		38-039			BFPLIN12
UNION TEE							
	PART #	TUBE O.D.SIZE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-38044	1/4		38-044			BFPLT4
	KAGTG-38045	3/8		38-045			BFPLT6
	KAGTG-38046	1/2		38-046			BFPLT8
	KAGTG-38047	5/8		38-047			BFPLT10
	KAGTG-38048	3/4		38-048			BFPLT12

UNION ELBOW							
	PART #	TUBE O.D.SIZE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-38052	1/4		38-052			
	KAGTG-38053	3/8		38-053			
	KAGTG-38054	1/2		38-054			
	KAGTG-383055	5/8		38-055			
45° MALE ELBOW							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-38148	1/4	1/8	38-148			BFPLE442
	KAGTG-38149	1/4	1/4	38-149			BFPLE444
	KAGTG-38150	3/8	1/8	38-150			BFPLE462
	KAGTG-38151	3/8	1/4	38-151			BFPLE464
	KAGTG-38152	3/8	3/8	38-152			BFPLE466
	KAGTG-38153	3/8	1/2	38-153			BFPLE468
	KAGTG-38154	1/2	1/4	38-154			BFPLE484
	KAGTG-38155	1/2	3/8	38-155			BFPLE486
	KAGTG-38156	1/2	1/2	38-156			BFPLE488
	KAGTG-38157	5/8	1/2	38-157			BFPLE4108
	KAGTG-38158	3/4	1/2	38-158			BFPLE4126
MALE ADAPTER							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-PLC11	5/32	1/16		12-09916	177.8019	BFPLC11
	KAGTG-PLC12	5/32	1/8		12-09917	177.8020	BFPLC12
	KAGTG-PLC21	1/8	1/16		12-09920	177.8021	BFPLC21
	KAGTG-PLC22	1/8	1/8		12-09922	177.8023	BFPLC22
	KAGTG-38072	1/4	1/16	38-072	12-09921	177.8022	
	KAGTG-38073	1/4	1/8	38-073	12-09923	177.8024	BFPLC42
	KAGTG-38074	1/4	1/4	38-074	12-09924	177.8025	BFPLC44
	KAGTG-38075	1/4	3/8	38-075			BFPLC46
	KAGTG-38076	3/8	1/8	38-076	12-09925	177.8026	BFPLC62
	KAGTG-38077	3/8	1/4	38-077	12-09926	177.8027	BFPLC64
	KAGTG-38078	3/8	3/8	38-078	12-09927	177.8028	BFPLC66
	KAGTG-38079	3/8	1/2	38-079			BFPLC68
	KAGTG-38080	1/2	1/4	38-080			BFPLC84
	KAGTG-38081	1/2	3/8	38-081	12-09928	177.8029	BFPLC86
	KAGTG-38082	1/2	1/2	38-082	12-09929	177.8030	BFPLC88
	KAGTG-38087	1/2	3/4	38-087			
	KAGTG-38083	5/8	3/8	38-083			BFPLC106
	KAGTG-38084	5/8	1/2	38-084	12-09930	177.8031	BFPLC108
	KAGTG-38088	5/8	3/4	38-088			
	KAGTG-38085	3/4	1/2	38-085			BFPLC128
	KAGTG-38086	3/4	3/4	38-086			

MALE ELBOW



PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-PLE12	5/32	1/8		12-09931	177.8032	BFPLE12
KAGTG-8034	1/8	1/16		12-09933	177.8034	
KAGTG-PLE22	1/8	1/8		12-09932	177.8033	BFPLE22
KAGTG-38091	1/4	1/8	38-091	12-09934	177.8035	BFPLE42
KAGTG-38092	1/4	1/4	38-092	12-09935	177.8036	BFPLE44
KAGTG-38093	1/4	3/8	38-093			BFPLE46
KAGTG-38094	3/8	1/8	38-094	12-09936	177.8037	BFPLE62
KAGTG-38095	3/8	1/4	38-095	12-09937	177.8038	BFPLE64
KAGTG-38101	3/8	3/8	38-101	12-09938	177.8039	BFPLE66
KAGTG-38102	3/8	1/2	38-102			BFPLE68
KAGTG-38103	1/2	1/4	38-103			BFPLE84
KAGTG-38104	1/2	3/8	38-104	12-09939	177.8040	BFPLE86
KAGTG-38105	1/2	1/2	38-105	12-09940	177.8041	BFPLE88
KAGTG-38106	5/8	3/8	38-106			BFPLE106
KAGTG-38107	5/8	1/2	38-107	12-09941	177.8042	BFPLE108
KAGTG-38110	5/8	3/4	38-110			
KAGTG-38108	3/4	1/2	38-108			BFPLE128

MALE BRANCH TEE



PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38136	1/4	1/8	38-136	12-09961	177.8049	BFPLT42
KAGTG-38137	1/4	1/4	38-137	12-09962	177.8050	BFPLT44
KAGTG-38138	3/8	1/8	38-138			BFPLT62
KAGTG-38139	3/8	1/4	38-139	12-09963	177.8051	BFPLT64
KAGTG-38140	3/8	3/8	38-140			BFPLT66
KAGTG-38133	1/2	1/4	38-133			BFPLT84
KAGTG-38141	1/2	3/8	38-141			BFPLT86
KAGTG-38142	1/2	1/2	38-142			BFPLT88
KAGTG-38143	5/8	1/2	38-143			BFPLT108

MALE RUN TEE

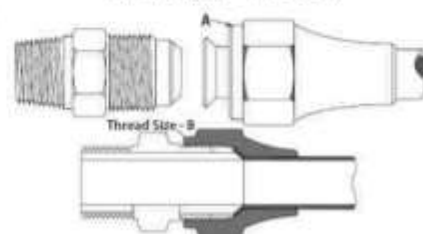


PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-38125	1/4	1/8	38-125			BFPLRT42
KAGTG-38126	1/4	1/4	38-126			BFPLRT44
KAGTG-38127	3/8	1/4	38-127			BFPLRT64
KAGTG-38128	3/8	3/8	38-128			BFPLRT66
KAGTG-38129	1/2	3/8	38-129			BFPLRT86
KAGTG-PLRT88	1/2	1/2				BFPLRT88
KAGTG-PLRT108	5/8	1/2				BFPLRT108

SAE 45° FLARE - BRASS FITTINGS

- Typical Application: LP and Natural Gas, Flammable Liquids, Instrumentation, Refrigeration, Power Steering, Hydraulic and Pneumatic systems.
- Pressure: Up to 2000 PSI depending on tube size.
- Vibration: Good resistance - use long nut when greater vibration resistance is required.
- Temperature: -65° F to + 250° F
- Used With: Copper, Steel, Aluminum and Bundy Tubing
- UL listed. (Available on Special Order). Meets specifications and standards of ASA, ASME, and SAE

SAE 45° Flare



MALE BALL CHECK CONNECTOR



PART #	MALE FLARE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10254	3/16	1/8	10-1254			BFSFC32
KAGTG-10255	1/4	1/8	10-1255			BFSFC42
KAGTG-10256	1/4	1/4	10-1256			BFSFC44
KAGTG-10257	1/4	3/8	10-1257			
KAGTG-10258	1/4	1/2	10-1258			
KAGTG-10259	5/16	1/8	10-1259			BFSFC52
KAGTG-10260	5/16	1/4	10-1260			BFSFC54
KAGTG-10261	5/16	3/8	10-1261			
KAGTG-10262	3/8	1/8	10-1262			BFSFC62
KAGTG-10263	3/8	1/4	10-1263			BFSFC64
KAGTG-10264	3/8	3/8	10-1264			BFSFC66
KAGTG-10265	3/8	1/2	10-1265			BFSFC68
KAGTG-10266	3/8	3/4	10-1266			
KAGTG-10267	1/2	1/4	10-1267			BFSFC84
KAGTG-10268	1/2	3/4	10-1268			BFSFC86
KAGTG-10269	1/2	1/2	10-1269			BFSFC88
KAGTG-10270	1/2	3/4	10-1270			BFSFC812
KAGTG-10271	3/8	1/4	10-1271			BFSFC104
KAGTG-10272	3/8	3/8	10-1272			BFSFC106
KAGTG-10273	3/8	1/2	10-1273			BFSFC108
KAGTG-10274	3/8	3/4	10-1274			
KAGTG-10275	3/4	1/2	10-1275			BFSFC128
KAGTG-10276	3/4	3/4	10-1276			BFSFC1212

FORGED MALE RUN TEE



PART #	MALE FLARE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10343	3/16	1/8	10-343			
KAGTG-10344	1/4	1/8	10-344			
KAGTG-10345	1/4	1/4	10-345			
KAGTG-10347	5/16	1/8	10-347			
KAGTG-10348	5/16	1/4	10-348			
KAGTG-10350	3/8	1/4	10-350			
KAGTG-10351	3/8	3/8	10-351			
KAGTG-10352	3/8	1/2	10-352			
KAGTG-10354	1/2	3/4	10-354			
KAGTG-10355	1/2	1/2	10-355			
KAGTG-10357	3/8	1/2	10-357			

UNION



PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10105	3/16		10-105			BFSFU3
KAGTG-10106	1/4		10-106			BFSFU4
KAGTG-10107	5/16		10-107			BFSFU5
KAGTG-10108	3/8		10-108			BFSFU6
KAGTG-10109	1/2		10-109			BFSFU8
KAGTG-10110	5/8		10-110			BFSFU10
KAGTG-10111	3/4		10-111			BFSFU12

90° MALE ELBOW



PART #	MALE FLARE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10284	3/16	1/8	10-284			BFSFE32
KAGTG-10286	1/4	1/8	10-285			BFSFE42
KAGTG-10287	1/4	1/4	10-286			BFSFE44
KAGTG-10288	1/4	3/8	10-287			
KAGTG-10289	1/4	1/2	10-288			
KAGTG-10290	5/16	1/8	10-289			BFSFE52
KAGTG-10291	5/16	1/4	10-290			BFSFE54
KAGTG-10292	5/16	3/8	10-291			
KAGTG-10293	3/8	1/8	10-292			BFSFE62
KAGTG-10294	3/8	1/4	10-293			BFSFE64
KAGTG-10295	3/8	3/8	10-294			BFSFE66
KAGTG-10296	3/8	1/2	10-295			BFSFE68
KAGTG-10297	3/8	3/4	10-296			
KAGTG-10298	1/2	1/4	10-297			BFSFE84
KAGTG-10299	1/2	3/8	10-298			BFSFE86
KAGTG-10300	1/2	1/2	10-299			BFSFE88
KAGTG-10301	1/2	3/4	10-300			
KAGTG-10311	5/8	1/4	10-301			
KAGTG-10302	5/8	3/8	10-302			BFSFE104
KAGTG-10303	5/8	1/2	10-303			BFSFE106
KAGTG-10304	5/8	3/4	10-304			
KAGTG-10305	3/4	1/2	10-305			BFSFE128
KAGTG-10306	3/4	3/4	10-306			

MALE BRANCH TEE



PART #	MALE FLARE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10203	3/16	1/8	10-203			
KAGTG-10204	1/4	1/8	10-204			
KAGTG-10205	1/4	1/4	10-205			
KAGTG-10206	5/16	3/8	10-206			
KAGTG-10207	5/16	1/8	10-207			
KAGTG-10208	3/8	1/4	10-208			
KAGTG-10209	3/8	1/8	10-209			
KAGTG-10210	3/8	1/4	10-210			
KAGTG-10211	3/8	3/8	10-211			
KAGTG-10212	1/2	1/2	10-212			
KAGTG-10213	1/2	1/4	10-213			
KAGTG-10214	1/2	3/8	10-214			
KAGTG-10215	1/2	1/2	10-215			
KAGTG-10216	5/8	3/4	10-216			
KAGTG-10217	5/8	3/8	10-217			
KAGTG-10218	5/8	1/2	10-218			
KAGTG-10219	5/8	3/4	10-219			
KAGTG-10220	3/4	1/2	10-220			
KAGTG-10221	3/4	3/4	10-221			

FLARE REDUCER



PART #	MALE FLARE	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10462	1/4	3/8	10-462			
KAGTG-10463	1/4	1/2	10-463			
KAGTG-10464	3/8	1/4	10-464			
KAGTG-10465	3/8	1/2	10-465			
KAGTG-10466	3/8	5/8	10-466			
KAGTG-10467	1/2	3/8	10-467			
KAGTG-10468	1/2	5/8	10-468			
KAGTG-10469	5/8	1/2	10-469			
KAGTG-10470	5/8	3/4	10-470			
KAGTG-10471	3/4	5/8	10-471			

FORGED 90° FLARE ELBOW



PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10404	1/8		10-404			
KAGTG-10405	3/16		10-405			
KAGTG-10406	1/4		10-406			
KAGTG-10407	5/16		10-407			
KAGTG-10408	3/8		10-408			
KAGTG-10409	1/2		10-409			
KAGTG-10410	5/8		10-410			
KAGTG-10411	3/4		10-411			

UNION TEE



PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10157	1/8		10-157			
KAGTG-10158	3/16		10-158			
KAGTG-10159	1/4		10-159			
KAGTG-10160	5/16		10-160			
KAGTG-10161	3/8		10-161			
KAGTG-10162	1/2		10-162			
KAGTG-10163	5/8		10-163			
KAGTG-10164	3/4		10-164			

45° ELBOW



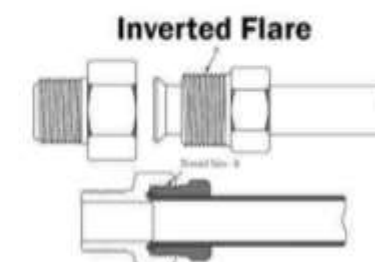
PART #	MALE FLARE	FEMALE FLARE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
KAGTG-10448	1/4	1/8	10-448			
KAGTG-10449	1/4	1/4	10-449			
KAGTG-10450	5/16	1/8	10-450			
KAGTG-10451	5/16	1/4	10-451			
KAGTG-10452	3/8	1/4	10-452			
KAGTG-10453	3/8	3/8	10-453			
KAGTG-10454	3/8	1/2	10-454			
KAGTG-10455	1/2	3/8	10-455			
KAGTG-10456	1/2	1/2	10-456			
KAGTG-10460	5/8	3/8	10-460			
KAGTG-10457	5/8	1/2	10-457			
KAGTG-10458	3/4	1/2	10-458			
KAGTG-10459	3/4	3/4	10-459			

FLARED PLUG							
	PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10063	3/16		10-063			
	KAGTG-10064	1/4		10-064			
	KAGTG-10065	5/16		10-065			
	KAGTG-10066	3/8		10-066			
	KAGTG-10067	1/2		10-067			
	KAGTG-10068	5/8		10-068			
	KAGTG-10069	3/4		10-069			
FLARED CAP							
	PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10074	3/16		10-074			BFSFCP3
	KAGTG-10075	1/4		10-075			BFSFCP4
	KAGTG-10076	5/16		10-076			BFSFCP5
	KAGTG-10077	3/8		10-077			BFSFCP6
	KAGTG-10078	1/2		10-078			BFSFCP8
	KAGTG-10079	5/8		10-079			BFSFCP10
	KAGTG-10080	3/4		10-080			BFSFCP12
SHORT ROD NUT							
	PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10038	3/16		10-038			
	KAGTG-10039	1/4		10-039			
	KAGTG-10040	5/16		10-040			
	KAGTG-10041	3/8		10-041			
	KAGTG-10042	1/2		10-042			
	KAGTG-10042	5/8		10-043			
	KAGTG-10043	3/4		10-044			
LONG ROD NUT							
	PART #	MALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10002	3/16		10-002			BFSFN3
	KAGTG-10003	1/4		10-003			BFSFN4
	KAGTG-10004	5/16		10-004			BFSFN5
	KAGTG-10005	3/8		10-005			BFSFN6
	KAGTG-10006	1/2		10-006			BFSFN8
	KAGTG-10007	5/8		10-007			BFSFN10
	KAGTG-10008	3/4		10-008			BFSFN12
FEMALE FLARE ADAPTE							
	PART #	FEMALE FLARE	MALE FLARE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10440	1/4	1/8	10-440			
	KAGTG-10441	1/4	1/4	10-441			
	KAGTG-10442	3/8	1/4	10-442			
	KAGTG-10443	1/2	3/8	10-443			
	KAGTG-10444	1/2	1/2	10-444			

UNION							
	PART #	FEMALE FLARE		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10135	1/4		10-135			BFSFN4
	KAGTG-10136	3/8		10-136			BFSFN6
	KAGTG-10137	1/2		10-137			BFSFN8
90° FEMALE ELBOW							
	PART #	MALE PIPE THREAD	FEMALE FLARE	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10312	3/16	1/8	10-312			
	KAGTG-10313	1/4	1/8	10-313			
	KAGTG-10314	1/4	1/4	10-314			
	KAGTG-10315	1/4	3/8	10-315			
	KAGTG-10316	1/4	1/2	10-316			
	KAGTG-10317	5/16	1/8	10-317			
	KAGTG-10318	5/16	1/4	10-318			
	KAGTG-10319	3/8	1/8	10-319			
	KAGTG-10320	3/8	1/4	10-320			
	KAGTG-10321	3/8	3/8	10-321			
	KAGTG-10322	3/8	1/2	10-322			
	KAGTG-10323	1/2	1/4	10-323			
	KAGTG-10324	1/2	3/8	10-324			
	KAGTG-10325	1/2	1/2	10-325			

INVERTED FLARE

- Applications: Hydraulic Brake, Power Steering, Fuel Lines, Transmission Cooler Lines, LP and Natural Gas.
- Pressure: Up to 2000 PSI. • Temperature: -65° F to + 250° F
- Used With: Copper, Steel, Brass, Aluminum and Bundy Tubing.
- Meets specifications and standards of ASA, ASME, and SAE, and Military Standards.



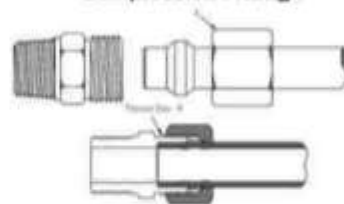
INVERTED FLARE BRASS NUT							
	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-12013	3/16		12-013			BFIFN3
	KAGTG-12014	1/4		12-014			BFIFN4
	KAGTG-12015	5/16		12-015			BFIFN5
	KAGTG-12016	3/8		12-016			BFIFN6
	KAGTG-12017	1/2		12-017			BFIFN8
INVERTED FLARE BRASS NUT							
	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-12023	3/16		12-023			BFIFU3
	KAGTG-12024	1/4		12-024			BFIFU4
	KAGTG-12025	5/16		12-025			BFIFU5
	KAGTG-12026	3/8		12-026			BFIFU6
	KAGTG-12027	1/2		12-027			BFIFU8

MALE ADAPTER							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10042	3/8	1/8	10-042			BFIFC32
	KAGTG-10043	1/4	1/8	10-043			BFIFC42
	KAGTG-10044	1/4	1/4	10-044			BFIFC44
	KAGTG-10045	5/16	1/8	10-045			BFIFC52
	KAGTG-10046	5/16	1/4	10-046			BFIFC54
	KAGTG-10047	3/8	1/8	10-047			BFIFC62
	KAGTG-10048	3/8	1/4	10-048			BFIFC64
	KAGTG-10049	1/2	1/4	10-049			BFIFC84
45° ELBOW							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10073	1/4	1/8	10-073			BFIFE442
	KAGTG-IFE44	1/4	1/4				BFIFE444
	KAGTG-10074	5/16	1/8	10-074			BFIFE452
	KAGTG-10075	5/16	1/4	10-075			BFIFE454
	KAGTG-10076	3/8	1/4	10-076			BFIFE464
90° ELBOW							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-10058	3/16	1/8	10-058			BFSFE32
	KAGTG-10059	1/4	1/8	10-059			BFSFE42
	KAGTG-10060	1/4	1/4	10-060			BFSFE44
	KAGTG-10061	5/16	1/8	10-061			BFSFE52
	KAGTG-10062	5/16	1/4	10-062			BFSFE54
	KAGTG-10063	3/8	1/8	10-063			BFSFE62
	KAGTG-10064	3/8	1/4	10-064			BFSFE64
	KAGTG-SFE84	1/2	1/4				BFSFE84

COMPRESSION BRASS FITTINGS

- Applications: Instrumentation, Hydraulic and Pneumatic Systems
- Pressure: Up to 2000 PSI. • Temperature: -65° F to + 250° F
- Used With: Copper, Aluminum, or Plastic Tubing.

Compression Fittings



SLEEVE							
	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-18002	3/16		18-002			BFSCSL3
	KAGTG-18003	1/4		18-003			BFSCSL4
	KAGTG-18004	5/16		18-004			BFSCSL5
	KAGTG-18005	3/8		18-005			BFSCSL6
	KAGTG-18007	1/2		18-007			BFSCSL8
	KAGTG-18008	5/8		18-008			

NUT							
	PART #	TUBE O.D.	MALE PIPE THREAD		PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-18034	3/16		18-034			BFSCN3
	KAGTG-18035	1/4		18-035			BFSCN4
	KAGTG-18036	5/16		18-036			BFSCN5
	KAGTG-18037	3/8		18-037			BFSCN6
	KAGTG-18039	1/2		18-039			BFSCN8
	KAGTG-18041	3/4		18-041			BFSCN12
MALE ADAPTER							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-18179	1/4	1/8	18-179			BFSCC42
	KAGTG-18180	1/4	1/4	18-180			BFSCC44
	KAGTG-18181	1/4	3/8	18-181			BFSCC46
	KAGTG-18182	1/4	1/2	18-182			
	KAGTG-18187	3/8	1/8	18-187			BFSCC62
	KAGTG-18188	3/8	1/4	18-188			BFSCC63
	KAGTG-18189	3/8	3/8	18-189			BFSCC64
	KAGTG-18190	3/8	1/2	18-190			
	KAGTG-18193	1/2	1/4	18-193			BFSCC84
	KAGTG-18194	1/2	3/8	18-194			BFSCC86
	KAGTG-18195	1/2	1/2	18-195			BFSCC88
	KAGTG-18196	1/2	3/4	18-196			
	KAGTG-18197	5/8	3/8	18-197			
	KAGTG-18198	5/8	1/2	18-198			
	KAGTG-18199	5/8	3/4	18-199			
	KAGTG-18201	3/4	3/4	18-201			BFSCC1212
UNION							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-18062	1/8		18-062			BFSCU2
	KAGTG-18064	1/4		18-064			BFSCU4
	KAGTG-18066	3/8		18-066			BFSCU6
	KAGTG-18068	1/2		18-068			BFSCU8
	KAGTG-18069	5/8		18-069			BFSCU10
	KAGTG-18070	3/4		18-070			BFSCU12
90° MALE ELBOW							
	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-18179	1/4	1/8	18-224			BFSCC42
	KAGTG-18180	1/4	1/4	18-225			
	KAGTG-18181	1/4	3/8	18-226			
	KAGTG-18187	3/8	1/8	18-232			BFSCC62
	KAGTG-18188	3/8	1/4	18-233			BFSCC64
	KAGTG-18189	3/8	3/8	18-234			BFSCC66
	KAGTG-18190	3/8	1/2	18-235			
	KAGTG-18193	1/2	1/4	18-236			BFSCC84
	KAGTG-18194	1/2	3/8	18-237			BFSCC86
	KAGTG-18195	1/2	1/2	18-238			BFSCC88
	KAGTG-18197	5/8	3/8	18-240			
	KAGTG-18198	5/8	1/2	18-241			
	KAGTG-18201	3/4	1/2	18-243			BFSCC128

BRASS PUSH-IN FITTINGS

UNION CONNECTOR

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20018	5/32		20-018			BFPULU1
	KAGTG-20019	1/4		20-019			BFPULU4
	KAGTG-20020	3/8		20-020			BFPULU6
	KAGTG-20021	1/2		20-021			BFPULU8
	KAGTG-PULU10	5/8					BFPULU10
	KAGTG-PULU12	3/4					BFPULU12

FIXED MALE ELBOW

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20068	1/4	1/8	20-068			BFPULE42
	KAGTG-20069	1/4	1/4	20-069			BFPULE44
	KAGTG-20070	1/4	3/8	20-070			BFPULE46
	KAGTG-20072	3/8	1/4	20-072			BFPULE64
	KAGTG-20073	3/8	3/8	20-073			BFPULE66
	KAGTG-20074	1/2	1/4	20-074			BFPULE84
	KAGTG-20075	1/2	3/8	20-075			BFPULE86
	KAGTG-20064	1/2	1/2	20-064			BFPULE88

UNION TEE

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20027	3/16		20-027			BFAHS12
	KAGTG-20028	1/4		20-028			
	KAGTG-20029	3/8		20-029			
	KAGTG-20030	1/2		20-030			

UNION ELBOW

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20152	1/4		20-152			BFPULT4
	KAGTG-20153	3/8		20-153			BFPULT6
	KAGTG-20154	1/2		20-154			BFPULT8

MALE CONNECTOR

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20050	5/32	1/8	20-050			BFPULU12
	KAGTG-20054	1/4	1/8	20-054			BFPULU42
	KAGTG-20055	1/4	1/4	20-055			BFPULU44
	KAGTG-20056	1/4	3/8	20-056			BFPULU46
	KAGTG-20057	3/8	1/8	20-057			BFPULU62
	KAGTG-20058	3/8	1/4	20-058			BFPULU64
	KAGTG-20059	3/8	3/8	20-059			BFPULU66
	KAGTG-20062	3/8	1/2	20-062			BFPULU68
	KAGTG-20060	1/2	1/4	20-060			BFPULU84
	KAGTG-20061	1/2	3/8	20-061			BFPULU85
	KAGTG-20063	1/2	1/2	20-063			BFPULU88
	KAGTG-PULU106	5/8	3/8				BFPULU106
	KAGTG-PULU108	5/8	1/2				BFPULU108
	KAGTG-PULU128	3/4	1/2				BFPULU128

FIXED MALE BRANCH TEE

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20115	1/4	1/8	20-115			
	KAGTG-20116	1/4	1/4	20-116			BFPULBT44
	KAGTG-20117	3/8	1/8	20-117			
	KAGTG-20118	3/8	1/4	20-118			BFPULBT46
	KAGTG-20119	3/8	3/8	20-119			BFPULBT48
	KAGTG-20120	1/2	3/8	20-120			BFPULBT86

FIXED MALE RUN TEE

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20098	1/4	1/8	20-098			
	KAGTG-20093	1/4	1/4	20-093			
	KAGTG-20099	3/8	1/8	20-099			
	KAGTG-20100	3/8	1/4	20-100			BFPULRT64
	KAGTG-20101	3/8	3/8	20-101			BFPULRT66
	KAGTG-20102	1/2	3/8	20-102			BFPULRT86

SWIVEL MALE BRANCH TEE

	PART #	TUBE O.D.	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20105	1/4	1/8	20-105			
	KAGTG-20106	1/4	1/4	20-106			
	KAGTG-20107	3/8	1/8	20-107			
	KAGTG-20108	3/8	1/4	20-108			
	KAGTG-20109	3/8	3/8	20-109			BFPULBS66
	KAGTG-20110	1/2	3/8	20-110			
	KAGTG-20111	1/2	1/2	20-111			

FEMALE CONNECTOR

	PART #	TUBE O.D.	FEMALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20034	1/4	1/8	20-034			
	KAGTG-20035	1/4	1/4	20-035			
	KAGTG-20036	3/8	1/4	20-036			
	KAGTG-20037	3/8	3/8	20-037			

BULKHEAD UNION

	PART #	TUBE O.D.		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-20127	1/4		20-127			
	KAGTG-20128	3/8		20-128			
	KAGTG-20129	1/2		20-129			

BRASS PIPE FITTINGS

FORGED 90° MALE REDUCING ELBOW							
	PART #	PIPE THREAD A	PIPE THREAD B	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28266	1/8	1/8	28-266			
	KAGTG-28274	1/4	1/8	28-274			
	KAGTG-28267	1/4	1/4	28-267			
	KAGTG-28275	3/8	1/4	28-275			
	KAGTG-28268	3/8	3/8	28-268			
	KAGTG-28276	1/2	3/8	28-276			
	KAGTG-28269	1/2	1/2	28-269			
FORGED ALL MALE TEE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28290	1/8		28-290			
	KAGTG-28291	1/4		28-291			
	KAGTG-28292	3/8		28-292			
	KAGTG-28293	1/2		28-293			
	KAGTG-28294	3/4		28-294			
UNION FORGED TEE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28032	1/8		28-032			
	KAGTG-28033	1/4		28-033			
	KAGTG-28034	3/8		28-034			
	KAGTG-28035	1/2		28-035			
UNION TEE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28024	1/8		28-024	12-10102	177.9005	BFPT2
	KAGTG-28025	1/4		28-025	12-10104	177.9006	BFPT4
	KAGTG-28026	3/8		28-026	12-10106	177.9007	BFPT6
	KAGTG-28027	1/2		28-027	12-10108	177.9008	BFPT8
COUPLING							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28058	1/8		28-058	12-10302	177.9009	BFPC2
	KAGTG-28059	1/4		28-059	12-10304	177.9010	BFPC4
	KAGTG-28060	3/8		28-060	12-10306	177.9011	BFPC6
	KAGTG-28061	1/2		28-061	12-10308	177.9012	BFPC8
	KAGTG-28062			28-062			
FORGED 90° STREET ELBOW							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28165	1/8		28-165			
	KAGTG-28166	1/4		28-166			
	KAGTG-28167	3/8		28-167			
	KAGTG-28168	1/2		28-168			

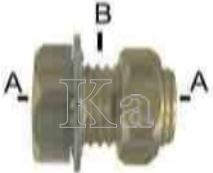
90° STREET ELBOW							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28156	1/8		28-156	12-11602	177.9032	BFPS92
	KAGTG-28157	1/4		28-157	12-11604	177.9033	BFPS94
	KAGTG-28158	3/8		28-158	12-11606	177.9034	BFPS96
	KAGTG-28159	1/2		28-159	12-11608	177.9035	BFPS98
90° FEMALE ELBOW							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28001	1/8		28-001	12-90002	177.9001	BFPS92
	KAGTG-28002	1/4		28-002	12-90004	177.9002	BFPS94
	KAGTG-28003	3/8		28-003	12-90006	177.9003	BFPS96
	KAGTG-28004	1/2		28-004	12-90008	177.9004	BFPS98
90° FORGED FEMALE ELBOW							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28009	1/8		28-009			
	KAGTG-28010	1/4		28-010			
	KAGTG-28011	3/8		28-011			
	KAGTG-28012	1/2		28-012			
STREET TEE/ SERVICE TEE/ MALE RUN TEE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28245	1/8		28-245			BFPST2
	KAGTG-28246	1/4		28-246			BFPST4
	KAGTG-28247	3/8		28-257			BFPST6
	KAGTG-28248	1/2		28-248			BFPST8
45° STREET ELBOW							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28230	1/8		28-230			BFPST42
	KAGTG-28231	1/4		28-231	12-12404	177.9045	BFPST44
	KAGTG-28232	3/8		28-232	12-12406	177.9046	BFPST46
	KAGTG-28233	1/2		28-233	12-12408	177.9047	BFPST48
45° FEMALE ELBOW							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28018	1/8		28-018			
	KAGTG-28019	1/4		28-019			
	KAGTG-28020	3/8		28-020			
UNION							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28067	1/8		28-067			
	KAGTG-28068	1/4		28-068			
	KAGTG-28069	3/8		28-069			
	KAGTG-28070	1/2		28-070			

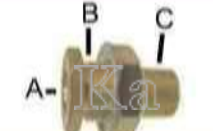
MALE BRANCH TEE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28281	1/8		28-281			
	KAGTG-28282	1/4		28-282			
	KAGTG-28283	3/8		28-283			
	KAGTG-28284	1/2		28-284			
CORED HEX PLUGS							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28201	1/8		28-201	12-12102	177.9036	BFPP2
	KAGTG-28202	1/4		28-202	12-12104	177.9037	BFPP4
	KAGTG-28203	3/8		28-203	12-12106	177.9038	BFPP6
	KAGTG-28204	1/2		28-204	12-12108	177.9029	BFPP8
	KAGTG-28205	3/4		28-205	12-12112	177.9040	
	KAGTG-28206	1"		28-206			
SQUARE HEAD PLUG							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28084	1/8		28-084	12-12102	177.9036	BFPSP2
	KAGTG-28085	1/4		28-085	12-12104	177.9037	BFPSP4
	KAGTG-28086	3/8		28-086	12-12106	177.9038	BFPSP6
	KAGTG-28087	1/2		28-087	12-12108	177.9029	BFPSP8
	KAGTG-28088	3/4		28-088	12-12112	177.9040	BFPSP12
	KAGTG-28089	1"		28-089			
CAP							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28075	1/8		28-075			
	KAGTG-28076	1/4		28-076			
	KAGTG-28077	3/8		28-077			
	KAGTG-28078	1/2		28-078			
	KAGTG-28079	3/4		28-079			
COUNTERSUNK HEX PLUG							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28092	1/8		28-092			BFCTP2
	KAGTG-28093	1/4		28-093			BFCTP4
	KAGTG-28094	3/8		28-094			BFCTP6
	KAGTG-28095	1/2		28-095			BFCTP8
	KAGTG-28096	3/4		28-096			
HEX NIPPLE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28211	1/8		28-211	12-12202	177.9041	BFPHN2
	KAGTG-28212	1/4		28-212	12-12204	177.9042	BFPHN4
	KAGTG-28213	3/8		28-213	12-12206	177.903	BFPHN6
	KAGTG-28214	1/2		28-214	12-12208	177.9044	BFPHN8
	KAGTG-28215	3/4		28-215			
	KAGTG-28216	1"		28-216			

EXTENDER ADAPTER							
	PART #	FEMALE PIPE THREAD	MALE PIPE THREAD	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28190	1/8	1/8	28-190			
	KAGTG-28191	1/4	1/8	28-191			
	KAGTG-28192	1/4	1/4	28-192			
	KAGTG-28198	3/8	1/8	28-198			
	KAGTG-28193	3/8	1/4	28-193			
	KAGTG-28194	3/8	3/8	28-194			
	KAGTG-28199	1/2	1/4	28-199			
	KAGTG-28195	1/2	3/8	28-195			
	KAGTG-28207	3/4	3/8	28-207			
	KAGTG-28208	3/4	1/2	28-208			
	KAGTG-28209	3/4	3/4	28-209			
REDUCING HEX NIPPLE							
	PART #	PIPE THREAD A	PIPE THREAD B	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28220	1/4	1/8	28-220			
	KAGTG-28221	3/8	1/8	28-221			
	KAGTG-28222	3/8	1/4	28-222			
	KAGTG-28223	1/2	1/4	28-223			
	KAGTG-28224	1/2	3/8	28-224			
	KAGTG-28225	3/4	1/2	28-225			
HEX BUSHING							
	PART #	PIPE THREAD A	PIPE THREAD B	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28102	1/4	1/8	28-102	12-12102	177.9036	BFPB42
	KAGTG-28103	3/8	1/8	28-103			BFPB62
	KAGTG-28104	3/8	1/4	28-104	12-12104	177.9037	BFPB64
	KAGTG-28105	1/2	1/8	28-105			BFPB82
	KAGTG-28106	1/2	1/4	28-106			BFPB84
	KAGTG-28107	1/2	3/8	28-107	12-1216	177.9038	BFPB86
	KAGTG-28109	3/4	1/4	28-108			
	KAGTG-28110	3/4	3/8	28-110			BFPB126
	KAGTG-28111	3/4	1/2	28-111	12-12108	177.9039	BFPB128
	KAGTG-28112	1"	1/4	28-112			
	KAGTG-28113	1"	3/8	28-113			
	KAGTG-28114	1"	1/2	28-114			
	KAGTG-28115	1"	3/4	28-115	12-12112	177.9040	BFPB1612
CLOSE NIPPLE							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28131	1/8		28-131			BFPN2
	KAGTG-28132	1/4		28-132			BFPN4
	KAGTG-28133	3/8		28-133			BFPN6
	KAGTG-28134	1/2		28-134			BFPN8
	KAGTG-28135	3/4		28-135			

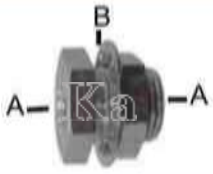
LONG NIPPLE							
	PART #	PIPE THREAD	LENGTH	MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28140	1/8	1.5	28-140			BFPNL212
	KAGTG-28141	1/8	2.0	28-141	12-11302	177.9025	BFPNL220
	KAGTG-28142	1/8	2.5	28-142			BFPNL222
	KAGTG-28143	1/8	3.0	28-143			BFPNL230
	KAGTG-28144	1/4	1.5	28-144	12-11303	177.9026	BFPNL412
	KAGTG-28145	1/4	2.0	28-145	12-11304	177.9027	BFPNL420
	KAGTG-28146	1/4	2.5	28-146			BFPNL422
	KAGTG-28147	1/4	3.0	28-147			BFPNL430
	KAGTG-28148	3/8	1.5	28-148	12-11305	177.9028	BFPNL612
	KAGTG-28149	3/8	2.0	28-149	12-11306	177.9029	BFPNL620
	KAGTG-28150	3/8	2.5	28-150			BFPNL622
	KAGTG-28151	3/8	3.0	28-151			BFPNL630
	KAGTG-28152	1/2	1.5	28-152	12-11307	177.9030	BFPNL812
	KAGTG-28153	1/2	2.0	28-153	12-11308	177.9031	BFPNL820
	KAGTG-28154	1/2	2.5	28-154			BFPNL822
	KAGTG-28155	1/2	3.0	28-155			BFPNL830
	KAGTG-PNL850	1/2	5.0				BFPNL850
	KAGTG-28136	3/4	1.5	28-136			
	KAGTG-28497	3/4	2.0	28-497			
	KAGTG-28498	3/4	2.5	28-498			
	KAGTG-28499	3/4	3.0	28-499			
LOCKNUT							
	PART #	PIPE THREAD		MIDLAND NO.	PHILLIPS NO.	AUTOMAN NO.	LA NO.
	KAGTG-28123	1/8		28-123			
	KAGTG-28123	1/4		28-124			
	KAGTG-28123	3/8		28-125			
	KAGTG-28123	1/2		28-126			

BULKHEAD/ ANCHOR FRAME COUPLINGS

FEMALE PIPE X FEMALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28300	1/8-27NPTF	5/8-18UNS		1-1/2	28-300	
	KAGTG-28301	1/4-18NPTF	3/4-16UNS		15/16	28-301	
	KAGTG-28302	1/4-18NPTF	3/4-16UNS		1-1/2	28-302	
	KAGTG-28303	3/8-18NPTF	1-14UNS		1-15/16	28-303	
	KAGTG-28304	3/8-18NPTF	1-1/8-14UNS		1-1/2	28-304	
	KAGTG-28311	3/4-14NPTF	1-5/16-12UNS		1-1/2	28-311	
FEMALE PIPE X FEMALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28317	1/4-18NPTF	1-14UNS	1/2-14NPTF	2-1/8	28-317	
	KAGTG-28318	3/8-18NPTF	1-14UNS	1/2-14NPTF	1-11/16	28-318	
	KAGTG-28319	3/8-18NPTF	1-14UNS	1/2-14NPTF	1-29/32	28-319	

FEMALE PIPE X MALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28325	1/4-18NPTF	1/2-14NPTF	3/4-16UNS	1-11/16	28-325	
FEMALE PIPE X MALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28313	1/4-18NPTF	1-14UNS	1/2-14NPTF	2-7/8	28-3313	
FEMALE PIPE X MALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28346	3/8-18NPTF	1-14UNS	1/2-14NPTF	1-7/8	28-346	
	KAGTG-28347	1/2-14NPTF	1-14UNS	1/2-14NPTF	2-3/8	28-347	
TUBE X FEMALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28321	1/2-O.D.	7/8-20UNCF	3/8-18NPTF	1-5/16	28-321	
	KAGTG-28322	3/8-O.D.	7/8-20UNCF	3/8-18NPTF	1-3/8	28-322	
FEMALE PIPE X FEMALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28348	3/8-18NPTF	7/8-20UNCF	3/8-18NPTF	2-5/16	28-348	

STEEL BULKHEAD FITTINGS

FEMALE PIPE X FEMALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28306	1/4-18NPTF	3/4-16UNS		15/16	28-306	
	KAGTG-28307	1/4-18NPTF	3/4-16UNS		1-1/2	28-307	
	KAGTG-28308	3/8-18NPTF	1-14UNS		1-15/16	28-308	
FEMALE PIPE X MALE PIPE							
	PART #	A	B	C	LENGTH	MIDLAND NO.	
	KAGTG-28309	1/4-18NPTF	3/4-16UNS	1/2-14NPTF	2.16	28-309	
	KAGTG-28310	1/4-18NPTF	3/4-16UNS	1/2-14NPTF	2.53	28-310	

Fuel Cap



KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA01C	3591620C 20377187	4.177"	INTERNATIONAL & VOLVO LOCKING, NON-VENTED, CAP ASSEMBLY ALUM 3.0"-8 NPSL

Fuel Cap



KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA01	90-02987F	4.177"	INTERNATIONAL & VOLVO NON-LOCKING NON-VENTED, CAP ASSEMBLY ALUM 3.0"-8 NPSL

Fuel Cap



KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA02	03-34467-000	3.145"	FREIGHTLINER NON-LOCKING CAP ASSEMBLY ALUM M-2 2.5"- 8 UN TRIPLE LEAD

Fuel Cap



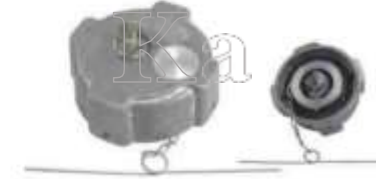
KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA02C	03-33004-007	3.145"	FREIGHTLINER LOCKING CAP ASSEMBLY ALUM M-2 2.5"- 8 UN TRIPLE LEAD

Fuel Cap



KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA05	K22-1020	4.082"	KENWORTH NON-LOCKING, NON-VENTED, CAP ASSEMBLY ALUM 3.5"- 5.5 NS

Fuel Cap



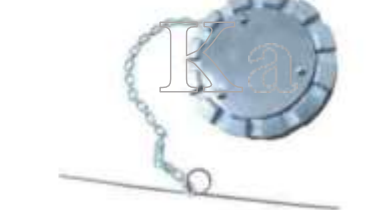
KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA04C	03-37017-002	4.358"	FREIGHTLINERS 1/4 TURN LOCKING NON-VENTED CAP

Fuel Cap



KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA03C	9538-2493S EM83920	3.976"	LOCKING CAP ASSEMBLY ALUM 3"- 8 UN TRIPLE LEAD

Fuel Cap



KA No.:	REF No.:	O.D.	NOTES
KAD5-ZA03	431086	3.976"	NON-LOCKING CAP ASSEMBLY ALUM 3"- 8 UN TRIPLE LEAD

Manual Slack Adjuster



KA No.:	MIDLAND No.	BENDIX NO.	SPLINE	DRILLING
KA7438FD	KN48002	278305	1.25"-10	5"-6"-7"
KA7438GA	---	278326	1.50"-10	4.5"-5.5"-6.5"
KA7438FB	KN47001	278323	1.50"-10	5"-6"-7"
KA7438FA	KN44071	288282	1.50"-28	5"-6"-7"
KA7438FC	KN44042	---	1.50"-37	5"-6"-7"

Manual Slack Adjuster



KA No.:	MIDLAND No.	BENDIX NO.	SPLINE	DRILLING
KA7438EC	KN48031	278302	1.25"-10	4.5"-5.5"
KA7438EA	KN47002	279316	1.50"-10	4.5"-5.5"
KA7438CC	KN47081	278312	1.50"-10	5"-6"
KA7438CB	KN48001	278303	1.25"-10	5"-6"
KA7438EB	KN47011	278321	1.50"-10	5.5"-6.5"

Manual Slack Adjuster



KA No.:	MIDLAND No.	BENDIX NO.	SPLINE	DRILLING
KA7438BA	KN55001	---	1.25"-24	5.5"
KA7438AA	KN44041	283411	1.50"-37	6"

Manual Slack Adjuster



KA No.:	MIDLAND No.	BENDIX NO.	SPLINE	DRILLING
KA7438GD-R	KN49000	278294	1.25"-10	4.5"-5.5"
KA7438GD-L	KN49010	278295	1.25"-10	4.5"-5.5"
KA7438GE-R		279946	1.25"-10	6"-7"
KA7438GE-L		279947	1.5"-10	6"-7"
KA7438GA-R	KN50070		1.5"-10	4"-5"-6"
KA7438GA-L	KN50080		1.5"-10	4"-5"-6"
KA7438FP-R	KN49020	278288	1.25"-10	4"-5"-6"
KA7438FP-L	KN49030	278289	1.25"-10	4"-5"-6"

Automatic Slack Adjuster



KA No.:	REF No.:	ARM LENGTH	SPLINE
KA7418AA9164	065164	5.5"	1.25"-10
KA7418AA9166	065166	5"	1-1/4"-24
KA7418AA9167	065167	5.5"	1-1/4"-24
KA7418AA9168	065168	5"	1-1/2"-10
KA7418AA9169	065169	5.5"	1-1/2"-10
KA7418AA9170	065170	5.5"	1-1/2"-10
KA7418AA9172	065172	6"	1-1/2"-10
KA7418AA9173	064173	5"	1-1/2"-28
KA7418AA9174	065174	5.5"	1-1/2"-28
KA7418AA9175	065175	6"	1-1/2"-28
KA7418AA9176	065176	5.5"	1-1/2"-28
KA7418AA9179	065179	6"	1-5/8"-37

Automatic Slack Adjuster



KA No.:	REF No.:	ARM LENGTH	SPLINE
KA7418AB1043	R81043	5.5"	1-1/2"-10
KA7418AB1040	R81040	6"	1-1/2"-10
KA7418AB1077	R81077	5"	1-1/2"-28
KA7418AB1071	R81071	6"	1-1/2"-28
KA7418AB1072	R81072	5.5"	1-1/2"-28
KA7418AB1074	R81074	5.5"	1-1/2"-28
KA7418AB1100	R81100	6"	1-5/8"-37
KA7418AB1101	R81101	5.5"	1-5/8"-37
KA7418AB3108	R83108	6"	1-1/2"-28

Automatic Slack Adjuster



KA No.:	REF No.:	ARM LENGTH	SPLINE
KA7418AC3001	WA31100	5.5 "	1-1/2"-10
KA7418AC3004	WA31706	6.0 "	1-1/2"-10
KA7418AC3005	WA32700	5.5 "	1-1/2"-28
KA7418AC3011	WA41101	6.5 "	1-1/2"-10
KA7418AC3017	WA42101	6.5 "	1-1/2"-28
KA7418AC3012	WA41106	6.0 "	1-1/2"-10
KA7418AC3021	WA43100	5.5 "	1-5/8"-37
KA7418AC3022	WA43106	6.0 "	1-5/8"-37

Automatic Slack Adjuster



KA No.:	REF No.:	ARM LENGTH	SPLINE
KA7438AB10140	400-10140	6"	1-1/2"-28
KA7438AB10141	400-10141	5.5"	1-1/2"-28
KA7438AB10142	400-10142	5.5"-6.5"	1-1/2"-10
KA7438AB10143	400-10143	5.5"-6.5"	1-1/2"-10
KA7438AB10144	400-10144	6"	1-1/2"-28
KA7438AB10155	400-10155	5.5"	1-1/2"-10
KA7438AB10211	400-10211	5.5"	1-1/2"-28
KA7438AB10212	400-10212	6"	1-1/2"-28
KA7438AB10214	400-10214	6"	1-5/8"-37
KA7438AB10215	400-10216	6"	1-1/2"-10
KA7438AB10305	400-10305	6"	1-1/2"-28

Sensor Extension Cable



KA No.:	REF No.:	NOTES
KA4497130300	4497130300	10.0FT

Sensor Extension Cable



KA No.:	REF No.:	NOTES
KA4497130130	4497130130	4.2FT

ABS Sensors



KA No.:	REF No.:	NOTES
KA955341	955341	5.8FT 90 DEGREE

ABS Sensors



KA No.:	REF No.:	NOTES
KA955335	955335	1.5FT 90 DEGREE

ABS Sensors



KA No.:	REF No.:	NOTES
KA955342	955342	6.6FT 90 DEGREE

ABS Sensors



KA No.:	REF No.:	NOTES
KA955329	955329	6.6FT 0 DEGREE

ABS Sensors



KA No.:	REF No.:	NOTES
KA955336	955336	3.3FT 90 DEGREE

ABS Sensors



KA No.:	REF No.:	NOTES
KA955365	955365	4.6FT 90 DEGREE

Clamp



KA No.:	NOTES
KACLAMP01	T-Bolt Clamp 2-5/8" to 2-15/16"
KACLAMP02	T-Bolt Clamp 2-7/8" to 3-3/16"
KACLAMP03	T-Bolt Clamp 3-1/8" to 3-7/16"
KACLAMP04	T-Bolt Clamp 3-1/2" to 3-13/16"
KACLAMP05	T-Bolt Clamp 3-5/8" to 3-15/16"
KACLAMP06	T-Bolt Clamp 3-3/4" to 4-1/16"
KACLAMP07	T-Bolt Clamp 4-1/4" to 4-9/16"

Clamp



KA No.:	NOTES
KACLAMP-D01	4.5"
KACLAMP-D02	5"
KACLAMP-D03	6"
KACLAMP-D04	10"

Clamp



KA No.:	NOTES
KACLAMP-C01	Muffler Clamp 4"
KACLAMP-C02	Muffler Clamp 5"

Clamp



KA No.:	NOTES
KACLAMP-U01	48RU2341 4"
KACLAMP-U02	11ME241 5"

Silcone Hose



KA No.:	LENGTH	I.D 1	I.D 2	COLOR
KA-GJG-SHR12	32.8FT	1/2"	1/2"	●
KA-GJG-SHR16	32.8FT	5/8"	5/8"	●
KA-GJG-SHR19	32.8FT	3/4"	3/4"	●
KA-GJG-SHR25	32.8FT	1"	1"	●
KA-GJG-SHR30	32.8FT	3/8"	3/8"	●
KA-GJG-SHR32	32.8FT	1-1/4"	1-1/4"	●
KA-GJG-SHR35	32.8FT	1-3/8"	1-3/8"	●
KA-GJG-SHR78	32.8FT	7/8"	7/8"	●

Silcone Hose



KA No.:	LENGTH	I.D 1	I.D 2	COLOR
KA-GJG-SHL12	3.28FT	1/2"	1/2"	● ●
KA-GJG-SHL34	3.28FT	3/4"	3/4"	● ●
KA-GJG-SHL1	3.28FT	1"	1"	● ●
KA-GJG-SHL32	3.28FT	1-1/4"	1-1/4"	● ●
KA-GJG-SHL38	3.28FT	1-1/2"	1-1/2"	● ●
KA-GJG-SHL45	3.28FT	1-3/4"	1-3/4"	● ●
KA-GJG-SHL51	3.28FT	2"	2"	● ●
KA-GJG-SHL57	3.28FT	2-1/4"	2-1/4"	● ●
KA-GJG-SHL238	3.28FT	2-3/8"	2-3/8"	● ●
KA-GJG-SHL63	3.28FT	2-1/2"	2-1/2"	● ●
KA-GJG-SHL258	3.28FT	2-5/8"	2-5/8"	● ●
KA-GJG-SHL70	3.28FT	2-3/4"	2-3/4"	● ●
KA-GJG-SHL76	3.28FT	3"	3"	● ●
KA-GJG-SHL77	3.28FT	3-1/4"	3-1/4"	● ●
KA-GJG-SHL312	3.28FT	3-1/2"	3-1/2"	● ●
KA-GJG-SHL79	3.28FT	3-3/4"	3-3/4"	● ●
KA-GJG-SHL80	3.28FT	4"	4"	● ●

Silcone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-202994	3-1/2"	3-3/8"	3-3/8"		● ●
KA-GJG-202995	4"	4"	4"		● ●

Silcone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-3674002R	6"	4"	4"	2	● ●

Silcone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-26201	5-1/2"	3"	3"	3	● ●
KA-GJG-1709113	6"	3-1/2"	3-1/2"	3	● ●
KA-GJG-4*6	6"	4"	4"	3	● ●
KA-GJG-4*7	7"	4"	4"	3	● ●
KA-GJG-4*8	8"	4"	4"	3	● ●

Silcone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-82182	6"	2-3/4"	2-3/4"	4	● ●
KA-GJG-82184	7"	3"	3"	4	● ●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-2275085	8"	2-3/4"	2-3/4"	5	● ●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-1659046C1	5"	3"	1-15/16"		●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-MB924-1382	9-7/8"	3-1/8"	3-1/2"	6	● ●
KA-GJG-1703846	8"	3-1/2"	3-1/2"	6	● ●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-2024703C2	5-7/16"	3-1/2"	3-1/2"	2	●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-SH-4*125-7N	12-1/2"	4"	4"	7	● ●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-2030772C1	5-7/16"	3"	2-1/2"	2	●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KG-GJG-1675717C1	5-7/16"	3-1/2"	2-7/16"	2	● ●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-45MD417M2	10-5/16"	3-1/2"	3-1/2"	2	●

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-19182	9"	4"	3"	5	

Silicone Hose



KA No.:	LENGTH	I.D 1	I.D 2	RINGS	COLOR
KA-GJG-8149800R	15-5/16"	3"	3"	6	

Silicone Hose



KA No.:	ANGLE	I.D 1	I.D 2	COLOR
KA-GJG-EB903	90°	3"	3"	
KA-GJG-EB9035	90°	3-1/2"	3-1/2"	
KA-GJG-EB904	90°	4"	4"	

Silicone Hose



KA No.:	ANGLE	I.D 1	I.D 2	COLOR
KA-GJG-EB452	45°	2"	2"	
KA-GJG-EB4525	45°	2-1/2"	2-1/2"	
KA-GJG-EB453	45°	3"	3"	
KA-GJG-EB4535	45°	3-1/2"	3-1/2"	
KA-GJG-EB454	45°	4"	4"	

Shock Absorber



KA No.:	REF No.:	NOTES
KA85000	85000	FIT FREIGHTLINER, GREAT DANE, HENDRICKSON, KENWORTH, PETERBILT, VOLVO

Shock Absorber



KA No.:	REF No.:	NOTES
KA83008	83008	FIT PETERBILT

Shock Absorber



KA No.:	REF No.:	NOTES
KA83038	83038	FIT FREIGHTLINER PETERBILT KENWORTH

Shock Absorber



KA No.:	REF No.:	NOTES
KA85061	85061	FIT MACK, VOLVO

Shock Absorber



KA No.:	REF No.:	NOTES
KA85931	85931	FIT INTERNATIONAL

Shock Absorber



KA No.:	REF No.:	NOTES
KA85066	85066	FIT VOLVO, KENWORTH

Shock Absorber



KA No.:	REF No.:	NOTES
KA85003	85003	FIT INTERNATIONAL VOLVO

Shock Absorber



KA No.:	REF No.:	NOTES
KA85001	85001	FIT MACK VOLVO FORD PETERBILT KENWORTH

Shock Absorber



KA No.:	REF No.:	NOTES
KA83048	83048	FIT VOLVO VNL CAB

Shock Absorber



KA No.:	REF No.:	NOTES
KA85061	85061	FIT VOLVO VNL CAB

Air Spring



KA No.:	REF No.:	REF No.:	NOTES
KAQN-A02	1R12-303	WO1-358-9780	FIT FREIGHTLINER RIDEWELL
KAQN-A03	1R12-615	WO1-358-8829	FIT VOLVO
KAQN-A04	1R13-176	WO1-358-8713	FIT HENDRICKSON TRAILER
KAQN-A05	1R12-669	WO1-358-9069	FIT NAVISTAR PETERBILT VOLVO
KAQN-A06	1R12-404	WO1-358-9375	FIT MACK
KAQN-A07	1R13-159	WO1-358-8709	FIT FREIGHTLINER
KAQN-A08	1R12-092	WO1-358-9082	FIT NAVISTAR MACK VOLVO
KAQN-A09	1R13-119	WO1-358-9270	FIT VOLVO
KAQN-B01	1R12-432	WO1-358-9875	FIT NAVISTAR INTERNATIONAL
KAQN-B02	1S5-185	WO2-358-7036	FIT PETERBILT
KAQN-B03	1S5-175	WO2-358-7215	FIT FREIGHTLINER

Spring-Loaded Mud Flap Hangers



KA No.:	LENGTH	BOLT CENTER	NOTES
KADNG-466	30"	2.5"	STEEL MATERIAL
KADNG-466-1	30"	1.125"	STEEL MATERIAL

Spring-Loaded Mud Flap Hangers



KA No.:	LENGTH	BOLT CENTER	NOTES
KADNG-466-C	30"	2.5"	STAINLESS STEEL MATERIAL
KADNG-466-1C	30"	1.125"	STAINLESS STEEL MATERIAL

Spring-Loaded Mud Flap Hangers



KA No.:	LENGTH	BOLT CENTER	NOTES
KADNG-488-C	30"	1.125"	STEEL STAINLESS STEEL MATERIAL 45° DEGREE ANGLED

Spring-Loaded Mud Flap Hangers



KA No.:	LENGTH	BOLT CENTER	NOTES
KADNG-488	30"	1.125"	STEEL MATERIAL 45° DEGREE ANGLED

Quarter Fender Set



KA No.:	NOTES
KADNB-247	SIZE:24"x27" MATERIAL:HDPE

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-W1	3406G-010-C	CUMMINS 6BT

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-W2	3406Z07-010-A	CUMMINS 6CT

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-W3	3406N-001	COMMINS 6BT AA

KA3407-W3

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-G9	7684 975 922	INTERNATIONAL AGRALE 4.10

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-B3-1	V10FIP6P38C4H	CUMMINS

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-J7	542013010	INTERNATIONAL 1663 204 C91

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-J8	542024810	KENWORTH 2106438 210674

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-J9	542019110	DINA 226H050040

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-K5	542021210	VOLVO 3187858

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-K6	542033410	3514596C91

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-M9	V20NF1D6P38C6G	541508C91

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-J4	542032010	INTERNATIONAL 2005337C91

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-B3-2	V10F1P7P38D5G20	MAC38QC375

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-J5	542027310	INTERNATIONAL 1686649C91

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-F4	542017610	DINA 1682625C91

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-J6	542017210	DINA 226H050080

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-K7	3623641C94	INTERNATIONAL

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-M3	542019510	DINA

Steering Pump



KA No.:	REF No.:	NOTES
KA3407-M4	542006510	FREIGHTLINER

Steering Pump



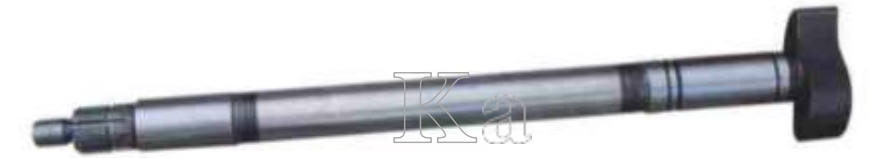
KA No.:	REF No.:	NOTES
KA3407-M5	542018810	DINA 226H050050

Water Pump



KA No.:	REF No.:	NOTES
KA8831UA	In681806	DD15 DETROIT FREIGHTLINER
KA8831NA	R1817687	NAVISTAR
KA8831MA	316GC1184J	MACK 675
KA8831MB	316GC3195	MACK E7
KA8831VJ	2224112	VOLVO
KA8831NB	685155C91	NAVISTAR
KA8831NC	1815538C91	NAVISTAR
KA8831ND	1842665C95	NAVISTAR
KA8831DG	23505895	DETROIT AW2131
KA8831DH	23522707	DETROIT
KA8831UB	23530427	DETROIT AW2129
KA8831CL	2W8002	CATERPILLAR
KA8831CM	4W0253	CATERPILLAR
KA8831CN	7W7019	CATERPILLAR
KA8831UC	3684450	CATERPILLAR
KA8831CQ	1025844	CATERPILLAR
KA8831CR	8928672	CATERPILLAR
KA8831CS	352-2139	CATERPILLAR
KA8831CT	1588053	CATERPILLAR
KA8831CU	1208402	CATERPILLAR
KA8831CV	3502536	CATERPILLAR
KA8831CW	3520205	CATERPILLAR
KA8831MC	3960342	CUMMINS
KA8831MD	3801708	NT855
KA8831ME	3966841	6CT
KA8831MF	3283602	6BT
KA8831MG	3801788	CUMMINS
KA8831MH	4089908	ISX ENGINE MODELS QSX15/ISK15
KA8831MH-1	4089910	ISX ENGINE MODELS QSX15/ISK15
KA8831UC	3684450	CUMMINS
KA8831MJ	3803138	CUMMINS
KA8831CJ	3286277	CUMMINS

S-CAMSHAFT



KA No.:	REF No.:	LEFT/RIGHT	LENGTH (A)	LENGTH (B)	LENGTH (C)	HEAD	DESIGN
KA8811UA-L	MERITOR: 2210-Y-2443 EUCLID: E-2479A	LEFT	8-9/16"	1-3/4"		1-3/8"	STANDARD
KA8811UA-R	MERITOR: 2210-X-2442 EUCLID: E-2478A	RIGHT	8-9/16"	1-3/4"		1-3/8"	STANDARD
KA8811UB-L	MERITOR: 2210-Q-7427 EUCLID: E-9649	LEFT	8-9/16"	1-3/4"		1-3/16"	Q+™
KA8811UB-R	MERITOR: 2210-P-7426 EUCLID: E-9650	RIGHT	8-9/16"	1-3/4"		1-3/16"	Q+™
KA8811UC-L	MERITOR: 2210-F-5440 EUCLID: E-4896	LEFT	8-5/8"	1-3/4"		1-3/8"	STANDARD
KA8811UC-R	MERITOR: 2210-E-5439 EUCLID: E-4897	RIGHT	8-5/8"	1-3/4"		1-3/8"	STANDARD
KA8811UD-L	MERITOR: 2210-V-2456 EUCLID: E-4898	LEFT	9-1/16"	1-3/4"		1-3/8"	STANDARD
KA8811UD-R	MERITOR: 2210-U-5455 EUCLID: E-4899	RIGHT	9-1/16"	1-3/4"		1-3/8"	STANDARD
KA8811UE-L	MERITOR: 2210-Q-7453 EUCLID: E-11527	LEFT	9-5/16"			1-3/16"	Q+™
KA8811UE-R	MERITOR: 2210-P-7452 EUCLID: E-11526	RIGHT	9-5/16"			1-3/16"	Q+™
KA8811UF-L	MERITOR: 2210-V-6860 EUCLID: E-9701	LEFT	9-1/2"	1-3/4"		1-3/16"	NEW S
KA8811UF-R	MERITOR: 2210-W-6861 EUCLID: E-9702	RIGHT	9-1/2"	1-3/4"		1-3/16"	NEW S
KA8811UG-L	MERITOR: 2210-S-6961 EUCLID: E-11541	LEFT	10-1/2"	1-3/4"		1-3/16"	Q+™
KA8811UG-R	MERITOR: 2210-R-6960 EUCLID: E-11540	RIGHT	10-1/2"	1-3/4"		1-3/16"	Q+™
KA8811UH-L	EATON: 70308 EUCLID: E-4886	LEFT	10-5/8"	1-21/32"		1-3/8"	STANDARD
KA8811UH-R	EATON: 70309 EUCLID: E-4887	RIGHT	10-5/8"	1-21/32"		1-3/8"	STANDARD
KA8811UJ-L	MERITOR: 2210-Z-5434 EUCLID: E-4727	LEFT	11"	1-3/4"		1-3/8"	STANDARD
KA8811UJ-R	MERITOR: 2210-Y-5433 EUCLID: E-4726	RIGHT	11"	1-3/4"		1-3/8"	STANDARD
KA8811UK-L	EUCLID: E-11864 HENDRICKSON: S-23857-1L	LEFT	11-1/16"	2-5/16"		1-1/8"	ES
KA8811UK-R	EUCLID: E-11865 HENDRICKSON: S-23857-1R	RIGHT	11-1/16"	2-5/16"		1-1/8"	ES
KA8811UL-L	EUCLID: E-10899 HENDRICKSON: S-20806-1L	LEFT	11-1/16"	2-5/16"		1-3/8"	STANDARD
KA8811UL-R	EUCLID: E-10900 HENDRICKSON: S-20806-1R	RIGHT	11-1/16"	2-5/16"		1-3/8"	STANDARD
KA8811UM-L	EUCLID: E-11433 HENDRICKSON: S-22347-1L	LEFT	11-1/16"	2-5/16"		1-1/8"	ES
KA8811UM-R	EUCLID: E-11434 HENDRICKSON: S-22347-1R	RIGHT	11-1/16"	2-5/16"		1-1/8"	ES
KA8811UN-L	EUCLID: E-11866 HENDRICKSON: S-24636-1L	LEFT	11-1/16"	2-5/16"	8-11/16"	1-1/8"	ES
KA8811UN-R	EUCLID: E-11867 HENDRICKSON: S-24636-1R	RIGHT	11-1/16"	2-5/16"	8-11/16"	1-1/8"	ES
KA8811UP-L	MERITOR: 2210-A-7099 EUCLID: E-9659	LEFT	11-3/16"	1-3/4"		1-3/16"	Q+™
KA8811UP-R	MERITOR: 2210-Z-7098 EUCLID: E-9660	RIGHT	11-3/16"	1-3/4"		1-3/16"	Q+™

Brake Drum



KA No.:	GUNITE	KIC	WEBB	NOTES
KA9601UA	3600/A	M/60000-018	56864B	BALANCED BRAKE DRUM 16.500" X 7.000", 103LBS
KA9601UB	3710/X	M/54238-018	65710/B	BALANCED BRAKE DRUM 16.500" X 5.000", 120LBS
KA9601UC	2705/X	M/52020-01	62200/F	BALANCED BRAKE DRUM 16.500" X 7.000", 96LBS
KA9601UD	3018/A	M/52327-10	68730/F	BALANCED BRAKE DRUM 16.500" X 7.000", 110LBS
KA9601UE	3687/X	M/54248-018	65152/B	BALANCED BRAKE DRUM 16.500" X 6.000", 108LBS
KA9601UF	3887/X	M/54244-018	63680/F	BALANCED BRAKE DRUM 12.250" X 7.500", 100LBS
KA9601UG	3757/X	54213-018	66353/F	BALANCED BRAKE DRUM 16.500" X 7.000", 119LBS
KA9601UH	3441/X	M/54229-018	66865/B	BALANCED BRAKE DRUM 16.500" X 7.000", 122LBS
KA9601UJ	3141/B	M/53033-30	66875/B/F	BALANCED BRAKE DRUM 16.500" X 7.000", 105LBS
KA9601UK	3721/AX	M/54201-108	61528/B	BALANCED BRAKE DRUM 15.000" X 4.000", 79LBS

Brake Disc



KA No.:	REF No.:
KA9602UA	601602715516
KA9602UB	ATR433143216
KA9602UC	0601602769045
KA9602UD	0601602755123
KA9602UE	0601602716469
KA9602UF	0601602661516
KA9602UG	0601602715554
KA9602UH	ATR432045000

Brake Pads



KA No.:	REF No.:
KA8801MA	4152605M
KA8801MB	E-D225-SHD
KA8801MC	E-D459-S
KA8801MD	E11104590
KA8801ME	MKD786
KA8801MF	MD786A
KA8801MG	4153301
KA8801MH	4153301

Brake Shoes



KA No.:	REF No.:
KA8601AH	4515Q
KA8601AI	4707
KA8601AJ	4709ES
KA8601AK	1433E
KA8601BA	1137701(VOLVO)
KA8601BC	3095196(VOLVO)

Brake Pads



KA No.:	REF No.:
KA8701AE	4515
KA8701AF	4705
KA8701AG	4707
KA8701AH	4709
KA8701AJ	4710
KA8701AK	4715
KA8701AL	4719
KA8701AM	1443
KA8701AN	4720
KA8701AP	4702
KA8701AQ	4551

Horn



KAD5-P047



KAD5-P045



KAD5-P042



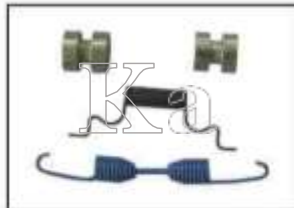
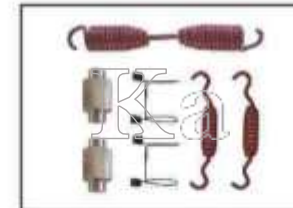
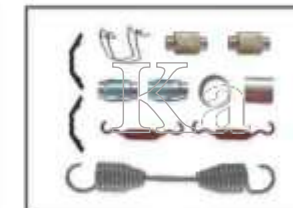
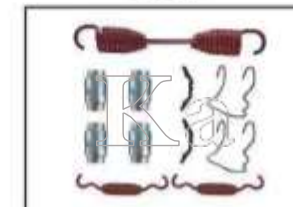
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Repair Kits

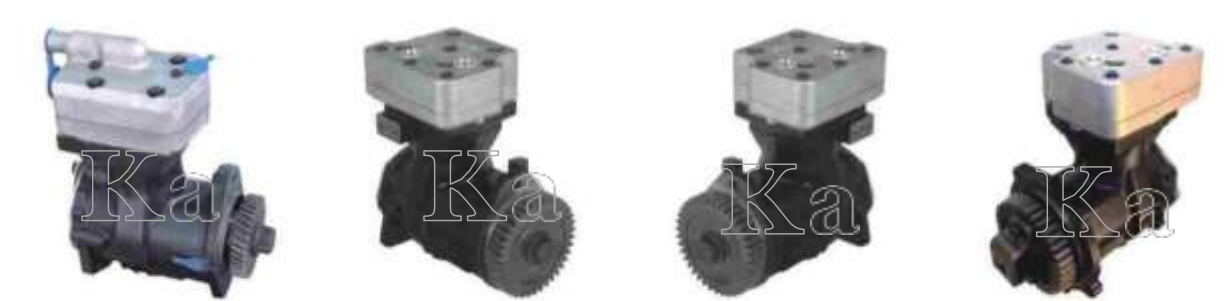


KA No.:	REF No.:	NOTES
KA8821UA	ACF-4021-1	CAMSHAFT SUPPORT BRACKET FITS: LATE PRO-PAR® 12-1/4" & 16-1/2"
KA8821UB	ACD-2285-900	CAMSHAFT BUSHING I.D.: 1-5/8" O.D.: 2-1/2" LENGTH: 1-1/2"
KA8821UC	AXA-0429-900	CAMSHAFT BUSHING I.D.: 1-5/8" O.D.: 2-7/8" LENGTH: 1-1/2"
KA8821UD	1225-L-1208	BRAKE S-CAM BUSHING I.D.: 1-1/2" O.D.: 1-7/8" LENGTH: 1-1/4"
KA8821UE	E-536	CAMSHAFT BUSHING I.D.: 1-1/2" O.D.: 1-7/8" LENGTH: 1-1/4"
KA8821UF	E-9787	12-1/4" AND 16-1/2" DIAMETER BRAKES 1 LEFT
KA8821UG	E-9788	12-1/4" AND 16-1/2" DIAMETER BRAKES 1 RIGHT
KA8821UH	E-677	CAMSHAFT BUSHING(I.BRONZE) I.D.: 1-1/2" O.D.: 1-7/8" LENGTH: 1-1/4"
KA8821UJ	E-1364	CAMSHAFT BUSHING(PHENOLIC) I.D.: 1-1/2" O.D.: 1-7/8" LENGTH: 1-1/4"
KA8821UK	E-661	CAMSHAFT BUSHING(NYLON) I.D.: 1-1/2" O.D.: 1-7/8" LENGTH: 2"
KA8821UL	E-9792	CAMSHAFT BUSHING(NYLON) I.D.: 1-1/2" O.D.: 2-15/32" LENGTH: 1-3/4"
KA8821UM	E-1385	CAMSHAFT BUSHING(NYLON) I.D.: 1-1/2" O.D.: 2-3/4" LENGTH: 2"
KA8821UN	E-1577	CAMSHAFT BUSHING(NYLON) I.D.: 1-5/8" O.D.: 2-1/2" LENGTH: 1-1/2"

Brake Shoe Kits

 1443	 1308Q	 4709A	 4709B
 4707A	 4707Q	 4702A	 4702B
 4515A	 4515E	 4515FUWA	

Air Compressors



KA NO.:	REF NO.:	REMARK
KA3509BC-02	911 154 5020	COMMINS 3936808
KA3509BC-37	911 154 5370	COMMINS 3991521
KA3509BC-38	911 153 9380	COMMINS 5301094
KA3509BC-07	911 153 6070	COMMINS 3104313
KA3509BC-18	911 154 5180	CATERPILLAR 224-0003
KA3509UC	500 376 2	CATERPILLAR 1494915
KA3509UD	500 418 X	DETROIT 23516841
KA3509UE	107 510	MACK
KA3509UF	501 848 5X	DETROIT 23532823
KA3509UH	289 533 X	CATERPILLAR 1W6473
KA3509UK	EL 1311600	CATERPILLAR 1W7146
KA3509UN	4123520250	FREIGHTLINERÂ M2-10
KA3509GK	911 153 5200X	CUMMINS 4318214
KA3509GJ	5004187X	DETROIT 750
KA3509GH	107509X	CATERPILLAR 3406B-3176
KA3509GF	109139X	CATERPILLAR 3406C15
KA3509GE	5012533X	CATERPILLAR C15 ACERT C18 ACERT
KA3509GD	23535534	DETROIT S60
KA3509GB	107506X	CUMMINS K19 M11 N14
KA3509GA	EL13111X	MACK

Wheel Bolt



KA No.:	REF No.:	NOTES
KAWB-U1-CR	E-5977R	OUTER CAP NUT, RIGHT HAND DIAMETER: 1-1/8"-16 HEX: 1-1/2" HEIGHT: 7/8" GRADE: 8
KAWB-U1-CL	E-5977L	OUTER CAP NUT, LEFT HAND DIAMETER: 1-1/8"-16 HEX: 1-1/2" HEIGHT: 7/8" GRADE: 8
KAWB-U1-DR	E-5549R	INNER CAP NUT, RIGHT HAND INNER THREAD: 3/4"-16 OUTER THREAD: 1-1/8" LENGTH: 2-1/8" GRADE: 8
KAWB-U1-DL	E-5549L	INNER CAP NUT, LEFT HAND DIAMETER: 3/4"-16 OUTER THREAD: 1-1/8" LENGTH: 2-1/8" GRADE: 8
KAWB-U1-SR	E-5559R	SHOULDER STUD, RIGHT HAND DIAMETER: 3/4"-16 783-786 L=3-23/32"; B=2-3/16"; C=1-5/32"
KAWB-U1-SL	E-5559L	SHOULDER STUD, LEFT HAND DIAMETER: 3/4"-16 783-786 L=3-23/32"; B=2-3/16"; C=1-5/32"
KAWB-U1-AR	E-5560R	SHOULDER STUD RIGHT HAND DIAMETER: 3/4"-16 783-786 L=4-1/32"; B=2-1/2"; C=1-9/32"
KAWB-U1-AL	E-5560L	SHOULDER STUD, LEFT HAND DIAMETER: 3/4"-16 783-786 L=4-1/32"; B=2-1/2"; C=1-9/32"
KAWB-U2-CR	37891	OUTER CAP NUT, RIGHT HAND DIAMETER: 1-1/8"-16 HEX: 1-1/2" HEIGHT: 7/8" GRADE: 8
KAWB-U2-CL	37892	OUTER CAP NUT, LEFT HAND DIAMETER: 1-1/8"-16 HEX: 1-1/2" HEIGHT: 7/8" GRADE: 8
KAWB-U2-DR	10708	INNER CAP NUT, RIGHT HAND INNER THREAD: 3/4"-16 OUTER THREAD: 1-1/8" LENGTH: 2-1/8" GRADE: 8
KAWB-U2-DL	10709	INNER CAP NUT, LEFT HAND INNER THREAD: 3/4"-16 OUTER THREAD: 1-1/8" LENGTH: 2-1/8" GRADE: 8
KAWB-U2-SR	13988	SHOULDER STUD, RIGHT HAND DIAMETER: 3/4"-16 783-786 L=3-23/32"; B=2-3/16"; C=1-5/32"
KAWB-U2-SL	13989	SHOULDER STUD LEFT HAND DIAMETER: 3/4"-16 783-786 L=3-23/32"; B=2-3/16"; C=1-5/32"
KAWB-U2-A	21AX786	NUT DIAMETER: 3/4"-16 HEIGHT: 21/32" HEX: 1-1/8"
KAWB-U3-DR	E-7895R	INNER CAP NUT, RIGHT HAND INNER THREAD: 3/4"-16 OUTER THREAD: 1-1/8"-15 LENGTH: 2-1/8"
KAWB-U3-DL	E-7895L	INNER CAP NUT, LEFT HAND INNER THREAD: 3/4"-16 OUTER THREAD: 1-1/8"-15 LENGTH: 2-1/8"
KAWB-U3-SR	E-4966R	WHEEL STUD, RIGHT HAND DIAMETER: 3/4"-16 LENGTH: 2-5/8"
KAWB-U3-SL	E-4966L	WHEEL STUD, LEFT HAND DIAMETER: 3/4"-16 LENGTH: 2-5/8"
KAWB-U4-CR	E-5552R	OUTER CAP NUT, RIGHT HAND DIAMETER: 1-1/8"-16 HEX: 1-1/2" HEIGHT: 7/8" GRADE: 8
KAWB-U4-CL	E-5552L	OUTER CAP NUT, LEFT HAND DIAMETER: 1-1/8"-16 HEX: 1-1/2" HEIGHT: 7/8" GRADE: 8

Supension



KA No.:	TYPE	ALEX QUANTITY	SPRING PIECE	SPRING SIZE	AXLE LOAD
KALS-A2A	AMERICAN	2	10	90*13*10	2*13T
KALS-A2C	AMERICAN	2	10	120*16*10	2*20T
KALA-A3A	AMERICAN	3	10	90*13*10	3*16T
KALA-A3B	AMERICAN	3	10	90*13*10	3*13T
KALA-A3C	AMERICAN	3	10	120*16*10	3*20T

Axle



KA NO.:	TYPE	CAPACITY	BRAKE	BEARING	TOTAL LENGTH	RECOMMEND WHEEL
KAAX-A10	AMERICAN	10	S420*180	HM518445/10	2190	7.50V-20
KAAX-A12	AMERICAN	12	S420*180	HM518445/10	2170	7.50V-20
KAAX-A14	AMERICAN	14	S420*220	HM518445/10	2190	8.00V-20
KAAX-A16	AMERICAN	16	S420*220	HM518445/10	2210	8.50V-20
KAAX-A20	AMERICAN	20	S420*220	HM518445/10	2255	8.50V-20

Fifth Wheel



No.	KA No.:	SIZE (inch/mm)	RATED VERTICAL LOAD	TOTAL TRACTION LOAD	D-VALUE	HEIGHT OF FIFTH WHEEL
A1	KAFW-A01	2"(50)	18T	60T	153KN	173mm
	KAFW-B01	3.5"(90)	25T	85T	260KN	190mm
	KAFW-B02	3.5"(90)	40T	100T	300KN	210mm

No.	KA No.:	TYPE	SIZE (inch)	SIZE (mm)	D-VALUE	SKID PLATE THICKNESS
A2	KAKP-WA01	Welded	2"	50	108KN	8
	KAKP-WA02	Welded	2"	50	108KN	10
	KAKP-WB01	Welded	3.5"	90	174KN	10
	KAKP-WB02	Welded	3.5"	90	174KN	12

Container Lock



KA No.:	MAX PAYLOAD	SPECIFICATION
KACL-AO1	30T	150*150mm
KACL-AO2	30T	210*210mm
KACL-AO3	30T	150*210mm

King Pin



King Pin Lock



KA No.:	PHOTO	SIZE(inch/mm)
KAKPL-A01	A(451101)	2"(50)
KAKPL-B01	B	2"(50)

Air Reservoir



KA No.:	DIA	VOLUME	PORTS
KA3513FB	345	60L	2*1/2;4*3/4;1*1/4
KA3513FA	245	25L	2*1/2;3*3/4;1*1/4
KA3513FA08	235	24L	2*3/4;2*1/2;1*1/4
KA3513FA09	330	48L	2*3/4;2*1/2;1*1/4
KA3513UA01	209	14.8L	3*1/2;3*1/4

Landing Gear



KA No.:	LIFTING CAPACITY	STATIC LOAD	TRAVEL MAX	MOUNTING HEIGHT	HIGH GEAR	LOW GEAR
KALD24N	24T	60T	480mm	860mm	5.42mm/r	0.7mm/r
KALD28W	28T	80T	480mm	860mm	9mm/r	0.9mm/r
KALD28N	28T	60T	470mm	827mm	8.5mm/r	0.95mm/r
KALD28WS	28T	80T	480mm	844mm	5.42mm/r	0.72mm/r
KALD28WT	28T	80T	480mm	860mm	5.42mm/r	0.72mm/r

Air Brake Hose Assemblies



KA No.:	LENGTH			HOSE I.D.	END TYPE
Ka361B	12"	16"	18"	A:1/2"	X: 3/8" Ends One End Fixed Ond End Swivel
	20"	22"	24"		Y: 3/8" Ends Both End Swivel
	26"	28"	30"		Z: 1/2" & 3/8" Ends One End Fixed-1/2"; Ond End Swivel-3/8"
	32"	34"	36"		
	38"	40"	44"	B:3/8"	E: 1/4" Ends One End Fixed Ond End Swivel
	48"	52"	56"		F: 3/8" Ends Both End Swivel
	60"	72"	84"		G: 3/8" Ends One End Fixed; Ond End Swivel

Tie Rod Ends



KA No.:	REF No.:	NOTES
KATRE-A18R	ES2091R	DERECHA EATON, MERITOR PARA KW, INTERNATIONAL Y FL
KATRE-A18L	ES2090L	MERITOR PARA KW, INTERNATIONAL Y FL
KATRE-A19R	ES411R	MERITOR, INTERNATIONAL 8100 90-02
KATRE-A19L	ES411L	MERITOR, INTERNATIONAL 8100 90-02
KATRE-A20R	ES235R	INTERNATIONAL, NAVISTAR,
KATRE-A20R	ES235L	INTERNATIONAL, NAVISTAR,
KATRE-B10R	ES844R	KW T450 - T600 - T800
KATRE-B10L	ES844L	KW T450 - T600 - T800
KATRE-B09R	ES373R	DINA 13200 Y 14600 LBS
KATRE-B09L	ES373L	KW T450 - T600 - T800
KATRE-B07R	ES2838R	DINA-EATON 13,000 Y 15,000 LBS
KATRE-B07L	ES2838L	DINA-EATON 13,000 Y 15,000 LBS
KATRE-B11R	ES431R	ROCKWELL FL CLASSIC XL 09-01 INTERNATIONAL 3700 90, 3800 90, 4200 07-02 MÁS
KATRE-B11L	ES431L	ROCKWELL FL CLASSIC XL 09-01 INTERNATIONAL 3700 90, 3800 90, 4200 07-02 MÁS
KATRE-B04R	187R	EATON ROCKWELL 27460, 27465, FC931, FD901
KATRE-B04L	187L	EATON ROCKWELL 27460, 27465, FC931, FD901

Center Supports



KA No.:	REF No.:	NOTES
KAHB37510	5375100080	ISUZU ELF 5-37510-008-0
KAHB88017A	HB88107ACS	ISUZU NPR 902010T-X
KAHB88508	HB88508	FORD 210391-1X
KAHB88509	HB88509	FORD CARGO 210084-2X
KAHB88510	HB88510	210121-1X
KAHB88512	HB88512	KNWORTH FORD 210661-1X

Universal Joint



KA No.:	REF No.:
KA7668SA	SPL90XR
KA7668SB	SPL140XR
KA7668SC	SPL170XR
KA7668SD	SPL250XR
KA7668CA	CP20RPLS
KA7668CB	CP25RPLS
KA7668AD	5-160XR
KA7668AE	5-188XR
KA7668AF	5-155XR
KA7668AG	5-170XR
KA7668AH	5-200XR
KA7668AJ	5-249XR
KA7668AK	5-280XR
KA7668AL	5-281XR
KA7668AM	5-438XR
KA7668AN	5-407XR

KA No.:	REF No.:
KA7668AO	5-469XR
KA7668AP	5-510XR
KA7668AQ	5-515XR
KA7668AR	5-5173X
KA7668AS	5-5177X
KA7668AT	5-6000X
KA7668AU	5-6102X
KA7668AV	5-6106X
KA7668AW	5-7000X
KA7668AX	5-7105X
KA7668AY	5-7202X
KA7668AZ	5-8500X
KA7668BA	5-8516X
KA7668BB	5-8105X
KA7668BC	5-9001X
KA7668SE	SPL250X