

HALTEC
CORPORATION
INFLATION SOLUTIONS







THE WORLD'S LEADING SUPPLIER OF TIRE MANAGEMENT & INFLATION SOLUTIONS



For nearly 50 years, Haltec Corporation has been the leader in the tire valve industry. When underground mines were transitioning from rail wheels to rubber tires, Haltec was there to design and manufacture the tire valve systems required to meet their technical needs.

HALTEC CORPORATION USES NUMEROUS STATE-OF-THE-ART AUTOMATIC CNC TURNING MACHINES DURING OUR MANUFACTURING PROCESS



TIRE VALVE SYSTEMS & TECHNOLOGY FOR THE WORLD

Haltec maintains its leadership position as a major manufacturer of specialized tire valve systems. Many new product innovations were introduced by Haltec, including the Full-Flo and Super Large Bore valve designs. These designs provided the tire industry the unique products required to achieve faster flow rates, decreased downtime, and more efficient tire management. The ever-increasing size of mining and construction tires further challenged Haltec engineering to design and manufacture our wide variety of valve systems to meet these demands. This includes the Mega Bore Tire Valve System, which has a flow rate twenty-five times faster than large bore valves.

Today, Haltec Corporation is recognized worldwide as the leading manufacturer of specialty tire valve systems and pressure inflation hardware. Haltec's 45,000 square foot facility in Salem, Ohio maintains its corporate headquarters, manufacturing, design, engineering, and distribution services. As an ISO 9001/2015, with design certified company, Haltec Corporation's Quality Policy is to lead the tire valve industry by meeting or exceeding industry standards and customer





requirements at a competitive price. Our on-site engineering and custom design department is complemented by a state-of-the-art machine shop and soldering, fabrication, custom-bending, and product assembly services, all prepared to produce products to meet your inflation and pressure maintenance needs. Haltec has refined a global network of distribution channels and continues to grow sales to its target markets.

We hope you will find this catalog easy to use and informative. We have included "Tech Tips" throughout the text, providing information on proper inflation and our products. You will also find many product innovations, like our ES-300 series airchuck. If you can't find what you need while reviewing our catalog, please contact our Customer Service and Sales Team so we can begin engineering the solution to your tire management program.

Haltec Corporation's products and services are designed to provide safe, efficient, and accurate tire inflation. Our goal is to provide the tire industry with the equipment and training required to enhance any organization's "Tire Management Program." Whether using air or nitrogen, the tire's PSI and tread depth need to be accurate, and the method of inflation must be safe, simple, and fast.

HALTEC HAS BEEN REGISTERED AS AN ISO CERTIFIED COMPANY SINCE 1998. OUR MANUFACTURING, QUALITY, AND INSPECTION PROCESSES ARE ASSESSED BY AN INDEPENDENT CERTIFICATION BOARD EVERY SIX MONTHS.

For us, "PSI" translates to more than just one part of your inflation needs; it means "Proactive Solutions & Innovation." When it comes to quality, we don't limit ourselves at Haltec, and neither should you — that's our "Haltec Complete Solution — Haltec's PSI Promise."

Visit us online at haltec.com for the latest additions to our product offerings.



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TIRE VALVE SYSTEMS

BACKGROUND

The Super Large Bore System was introduced in 1972 and was designed to allow significantly greater air flow than the Large Bore Valve which was introduced much earlier. Today, vehicle and tire sizes are increasing again. In response to the increases in tire size, Haltec has introduced two new tire valve systems to make inflation and deflation of large tires easier and quicker than ever before: Z-Bore and Mega Bore.

SYSTEM COMPARISONS

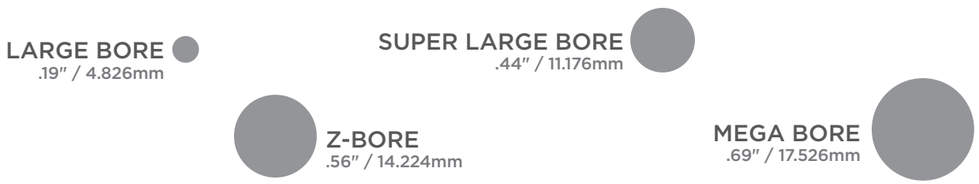
The chart below demonstrates the general characteristics of the four valve systems:

VALVE SYSTEM	FLOW RATE (CFM)	FITS VALVE HOLE	HOLE SIZE THREADED	SPECIAL INFLATOR NEEDED	RECOMMENDED FOR TIRE SIZES
LARGE BORE	22*	13/16"	1/2" NPT	-	11.25" - 29"
SUPER LARGE BORE	240	13/16"	1/2" NPT	IN-100/IN-95	20" up to 57"
Z-BORE	370	13/16"	1/2" NPT	Z12B/IN-95	33" up to 57"
MEGA BORE	550	15/16"	3/4" NPT	MB-8/IN-95	45" up to 63"

* Flow Rate is without valve core installed. With core, flow rate is 12 CFM. Flow rates on the Super Large Bore, Z-Bore, and Mega Bore Valves were tested with a 750 CFM diesel-powered air compressor with the pressure held constant at 100 PSI.

FLOW DIAMETERS:

Shown below is a cross section of the different flow diameters on the four valve systems. How these increased air flows are accomplished, often using the same rim hole size, will be explained in further detail in this catalog:



INCREASED FLOW RATE SAVES INFLATION TIME. SUPER LARGE BORE INFLATION RATE IS MORE THAN THREE TIMES FASTER THAN LARGE BORE.



MINING SOLUTIONS

Haltec manufactures over 30 different automatic tire inflators for purposes of general inflation.

As a manufacturer of specialized tire valve systems and pressure inflation solutions, Haltec Corporation has been the unchallenged leader in off-highway, mining, and construction tire management solutions and components for 45 years. Unique innovations designed to minimize downtime have led to the development of superior quality, precisely engineered valve systems that fill every heavy equipment need.

Haltec offers a full range of products beginning with Large Bore, and increasing to removable core Super Large Bore, Z-Bore, and Mega Bore valves that top the inflation and deflation charts at an unbelievable 550 CFM. That's 25 times the flow rate of a large bore valve, and these valve systems are installed in most cases without increasing the original rim hole size. Also, when paired with one of our extensive line of rugged and reliable inflators, such as our 89XTC temperature compensating model, it is clear that Haltec does not stop at manufacturing just the highest quality individual components, but also offers completely designed and engineered solutions to real world challenges.

AUTOMATIC TIRE INFLATORS

89XTC-Temperature Compensating Tire inflator, designed to work with an in-line temperature sensor, is engineered specially for inflating larger industrial and mining tires which are often constantly in service and always running hot.

89XTC – TEMPERATURE COMPENSATING INFLATOR Page 76



89XTC

TIRE VALVES

R-520 is designated at Tire and Rim as the CH-8. It is an integral part of the system as the CH-8 is removed from the valve assembly with the Haltec IN-100 adapter to utilize the larger opening and the maximum air flow.

R-520 – SUPER LARGE BORE CORE HOUSING Page 27



R-520

INFLATOR

I-496-20 is the IN-95 inflator with 20′ hose. Safely removes operator away from the blast zone by using the 20′ hose. Equipped with shut off ball valve which enables operator to stop inflation for proper tire inspection.

I-496-20 – IN-95 INFLATOR WITH 20′ HOSE Page 69



I-496-20



COMMERCIAL FLEET SOLUTIONS

The need to manage a tire and rim as an asset rather than an expense is the concern of every commercial fleet manager. The trick is to find a company that can provide the combination of quality tire valve hardware and inflation equipment which can competitively and consistently provide that service.

Haltec Corporation provides a complete tire valve and inflation program designed specifically for the unique needs of each fleet. Combining the TV-550 series valve with a DS-1 flow-through valve cap provides a better grommet seal for the valve and an efficient way to check and correct the PSI.

When an 89XHB or 89MTIS is used in the mounting and speed lane to inflate and top-off pressure, the accuracy and efficiency of your tire management program grows. Haltec can further enhance the “fleet check” process with our web-based and Bluetooth enabled Haltec Tire Management System (HTMS). Haltec can create a “Tire Inflation Solution” for any size fleet, as the HTMS combines custom software with Bluetooth enabled tire inflation and tread depth tools.

USA DESIGNED, ENGINEERED & MANUFACTURED

AUTOMATIC TIRE INFLATORS

Haltec automatic inflators provide a precision tool to maintain properly inflated tires with high speed and accuracy. The custom manufactured 89MTIS Series inflates 1-5 wheels simultaneously with 0.3 PSI accuracy. Accurate PSI needs to be the primary objective of every tire inflation/service program. The PSI in the tire needs to be accurate and the method of inflation must be simple and fast.

89TOW-3Y MULTIPLE TIRE INFLATION TOWER Page 75



89TOW-3Y

TIRE VALVES & FLOW-THROUGH CAP

Straight clamp-in valves used on both demountable and non-demountable rims. For .625” diameter valve hole. Bent valve stems also available.

TV-500 — STRAIGHT CLAMP-IN VALVE Page 42

The DS-1 flow-through valve cap is designed for high pressure truck tire service. Seals like a high pressure valve cap, yet offers the convenience of an inflate through extension.

DS-1 — DOUBLE SEAL CAP Page 48



TV-500



DS-1

GAUGES AND AIR CHUCKS

Haltec’s “Easy Lock” air chucks provide an easy on/off application with an automatic locking-designed chuck. The 89MTIS-3CHKIT offers a variety of angled chucks to service your fleet’s needs.

ES-300 SERIES CHUCKS Page 79



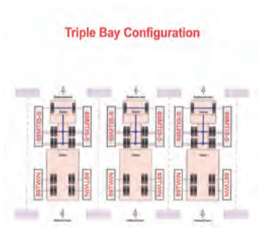
89MTIS-3CHKIT

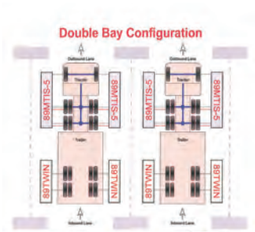
CUSTOM SOFTWARE SOLUTIONS

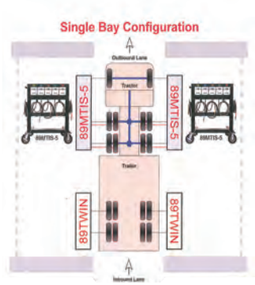
Haltec can further enhance the “fleet check” process with our web-based and Bluetooth enabled tire management system. Haltec can create a “tire inflation solution” for any size fleet, as the Haltec Tire Management System (HTMS) combines custom software with Bluetooth enabled tire inflation and tread depth tools.



SHOP DESIGN/PRODUCT INTEGRATION SERVICES







COMMERCIAL FLEET SOLUTIONS



PASSENGER & LIGHT TRUCK SOLUTIONS

Haltec supplies distributors and dealer networks with the products needed to service all makes and models of passenger and light trucks. Our diverse product offering includes the premier solution for management of our automatic tire inflators, providing accurate inflation and ensuring the safety and comfort of the tire professional's customers.



89-TWIN-DS

AUTOMATIC TIRE INFLATORS

Haltec's most popular single tire inflation system. The perfect inflation solution for any quick lube, auto dealer, or tire service center. Quick, efficient, and accurate PSI.

89XDA/89MXA – AUTOMATIC INFLATORS Page 75



89XDA



89MXA

AIR CHUCKS

This chuck features the popular European-style clip with a brass 1/4" female fitting. Compact, durable, and easy to use, this chuck is available either closed (CH-360) or open (CH-360OP). Uses replacement washer LELOC-RUBBER.

CH-360OP – CLIP-ON AIR CHUCK Page 61



CH-360OP

INFLATION HOSE

24' hose used with the 89MXA and 89XDA equipped with CH-360OP brass lock-on chuck.

89HKC-24 — 24' STRAIGHT HOSE WITH COUPLER & CH-360OP AIR CHUCK Page 80



89HKC-24

SNAP-IN VALVES

The snap-in valves are made of high quality ozone resistant rubber to withstand harsh conditions.

TV-413-1 1/4" RUBBER SNAP IN Page 42



TV-413



TV-413CH

PASSENGER & LIGHT TRUCK SOLUTIONS



AVIATION INFLATION SOLUTIONS

Haltec Corporation has engineered a family of tire hardware and inflation products specific to the unique needs in the Aviation and Aerospace industries. We provide design, engineering, and manufacturing services directly to aircraft manufacturers, airlines, and both military and aerospace contractors. Our Automated Tire Inflation System is capable of accurately inflating tires from 5 to 305 PSI while downloading all inflation parameters into an easy to use software program. Various lengths of hose assemblies are available and can be combined with an array of high-end air chucks that fit securely and safely to the tire valve. Haltec strictly adheres to all Tire and Rim specifications when manufacturing our valve systems.

All Haltec Tire Inflation Management Systems are capable of integrating the data from any of our Digital Torque Instrumentation products. Our line of DTI provides an “engineering level of accuracy in the hands of any technician." Haltec’s torque product offering includes bi-directional Zigby and Bluetooth wrenches and ISO certified torque rig processes. Collectively, these products provide an accurate, safe, and efficient process for servicing aircraft wheel assemblies and components.

TIRE INFLATION CART

The 89-F17 Mobile Tire Inflation Cart is ideal for mobile aircraft tire servicing. Holds two high cylinder nitrogen tanks and can be used with all Haltec inflators.

89-F17 MOBILE TIRE INFLATION CART Page 83



89-F17

AVIATION VALVES

Stainless steel aircraft tire valves with large bore design that increases efficiency by maximizing airflow and time savings. Complete with A-145 core and A-158 cap. For 1/2"-20 threaded rims.

A-145 Page 82

A-158 Page 82

TV-780-03 Page 82

TV-781-03 Page 82



A-158



A-145



TV-780-03



TV-781-03

AVIATION AIR CHUCKS

H-5265 (STANDARD BORE) Page 82

Specially designed open air chuck that locks onto the cap threads of the standard bore valve stem when the sliding sleeve is pushed to the forward position. The chuck releases when the sleeve is pulled back.

H-4660B (LARGE BORE) Page 82

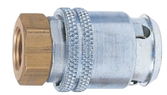
Open chuck with a high durometer seal. Securely locks on valve when cocked on threads. Has greater air flow and seat cannot be blown out if seal fails. 1/4" NPT female thread.

CH-410 (STANDARD BORE) & CH-425 (LARGE BORE) Page 82

Screws on to the valve. Designed for aircraft inflation. Has 1/4" NPT female thread. Maximum working pressure up to 300 PSI.



H-5265



H-4660B



CH-410

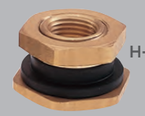


CH-425



2 Large Bore Swivel Valve

P. 15



1 Rim Spud

P. 15

COMPONENTS OF THE HALTEC LARGE BORE SYSTEM

THE LARGE BORE VALVE SYSTEM IS THE OLDEST OF THE FOUR OFF-ROAD TIRE VALVE SYSTEMS. BELOW ARE THE BASIC COMPONENTS OF A LARGE BORE VALVE SYSTEM.

1 There are two basic spud designs:
a. The standard clamp-in spud (H-41)
b. The screw-in spud (C-10)

2 Into one of these spuds you screw a Large Bore Swivel Valve. While all Large Bore Valves vary in bend, length, and appearance, they all have a swivel feature. An O-ring seals into the valve spud and is tightened down with a swivel nut.

3 To service the inside dual there are three types of extensions offered:
a. A rigid extension (867 Series)
b. A hand-bendable extension (753S Series)
c. A flexible extension (810F Series)

All Large Bore Valves can be serviced with any of the Large Bore air chucks, gauges, and tools found in the Haltec Catalog. As with all off-road valve systems, there are many customized products available. You will also find many customized bent extensions in use.

RIM SPUDS 1

H-41 TUBELESS SPUD TR-SP-2
Fits 13/16" rim hole. Used with all Large Bore Swivel valves.

C-10 LARGE BORE SCREW-IN SPUD TR-SP-3
Screws into a 1/2" NPT tapped hole in the rim. Can be replaced without dismounting tire.


H-41


C-10

LARGE BORE SWIVEL VALVES 2

SINGLE BEND SWIVEL VALVES

HALTEC NO.	TR NO.	BEND ANGLE	"L" HORIZ. LENGTH		"H" VERTICAL LENGTH	
			INCHES	MM	INCHES	MM
N-1418	-	74°	1 3/4	44.5	1 5/64	27.4
WH-300-J-650	J-650	80°	3 1/8	79.4	1 5/64	27.4
WH-300-J-653	J-653	80°	2 1/2	63.5	1 5/64	27.4
WH-300-J-657	J-657	80°	4	101.6	1 5/64	27.4
WH-300-4 1/2	-	80°	4 1/2	114.3	1 5/64	27.4
WH-300-J-658	J-658	80°	5 1/2	139.7	1 5/64	27.4
WH-300-9	-	80°	9	228.6	1 5/64	27.4
WH-44-6	-	strt.	6	152.4		
WH-45-2 1/2	J-4000-2 1/2	90°	2 1/2	63.5	1 5/64	27.4
WH-45-4	J-4000-4	90°	4	101.6	1 5/64	27.4
WH-45-4 1/2	J-4000-4 1/2	90°	4 1/2	114.3	1 5/64	27.4
WH-45-5	J-4000-5	90°	5	127	1 5/64	27.4
WH-45-6	J-4000-6	90°	6	152.4	1 5/64	27.4
WH-45-7 1/2	J-4000-7 1/2	90°	7 1/2	190.5	1 5/64	27.4
WH-45-8	J-4000-8	90°	8	203.2	1 5/64	27.4
WH-45-9	J-4000-9	90°	9	228.6	1 5/64	27.4
WH-45-10	J-4000-10	90°	10	254	1 5/64	27.4
WH-45-10 1/2	J-4000-10 1/2	90°	10 1/2	266.7	1 5/64	27.4
WH-45-12	J-4000-12	90°	12	304.8	1 5/64	27.4
WH-45-13	J-4000-13	90°	13	330.2	1 5/64	27.4
WH-45-24	J-4000-24	90°	24	609.6	1 5/64	27.4
WH-45-28	J-4000-28	90°	28	711.2	1 5/64	27.4
WH-45-29 1/2	J-4000-29 1/2	90°	29 1/2	749.3	1 5/64	27.4
WH-45-30	J-4000-30	90°	30	762	1 5/64	27.4
WH-45-32	J-4000-32	90°	32	812.8	1 5/64	27.4
WH-45-36	J-4000-36	90°	36	914.4	1 5/64	27.4
WH-46-J-651	J-651	90°	4 11/16	119	1 17/64	32.1
WH-46-4 1/2	-	90°	4 1/2	114.3	1 17/64	32.1
WH-46-9	-	90°	9	228.6	1 17/64	32.1
WH-47-J-652	J-652	86°	5 1/2	139.7	1 5/64	27.4
WH-47-4 1/2	-	86°	4 1/2	114.3	1 5/64	27.4
WH-47-9	-	86°	9	228.6	1 5/64	27.4
WH-48-J-655	J-655	74°	3 1/8	79.4	1 5/64	27.4
WH-49-J-654	J-654	60°	3 1/8	79.4	1 5/64	27.4
WH-50-J-659	J-659	90°	3 1/2	88.9	1 57/64	50.4
WH-50-J-660	J-660	90°	8 3/4	222.3	1 57/64	50.4
WH-50-6	-	90°	6	152.4	1 57/64	50.4
WH-50-7 1/2	-	90°	7 1/2	190.5	1 57/64	50.4
WH-51-J-668	J-668	90°	4 11/16	119	5 1/8	130.2
WH-52-2	-	25°	2	50.8	1 5/64	27.4
WH-53-5 1/2	-	80°	5 1/2	139.7	1 21/64	33.8
WH-54-6	-	90°	6	152.4	2 25/64	60.8
WH-55-2 1/2	-	90°	2 1/2	63.5	2 25/64	60.8
WH-55-8 1/2	-	90°	8 1/2	216.2	2 25/64	60.8
WH-56-3	-	65°	3	76.2	1 5/64	27.4
WH-57-3	-	80°	3	76.2	1 5/64	27.4
WH-58-2 1/2	-	60°	2 1/2	63.5	2 1/8	54
WH-59-J-656	J-656	90°	3 11/16	93.7	2 5/8	66.7

TECH TIP
ALL LARGE BORE SWIVEL VALVES CAN BE USED WITH EITHER OF THE RIM SPUDS FEATURED ABOVE.



WH-45-4

Any other lengths can be ordered.
All valves equipped with core and hex cap.
On lengths over 6", 2 lock nuts are furnished.



WH-70-J-664

DOUBLE BEND SWIVEL VALVES

HALTEC NO.	TR NO.	BEND ANGLE	HORIZONTAL INCHES	LENGTH MM	VERTICAL INCHES	HEIGHT MM
WH-70-J-661	J-661	82˚-8˚	4 1/2	114.3	1 5/64	27.4
WH-70-J-661-10 1/2	-	82˚-8˚	10 1/2	266.7	1 5/64	27.4
WH-70-J-661-25 1/2	-	82˚-8˚	25 1/2	647.7	1 5/64	27.4
WH-70-J-661-28	-	82˚-8˚	28	711.2	1 5/64	27.4
WH-70-J-664	J-664	90˚-13˚	8 3/4˚	222.3	1 5/64	27.4
WH-70-J-664-12 1/2	-	90˚-13˚	12 1/2˚	317.5	1 5/64	27.4
WH-70-J-667	J-667	90˚-11˚	7 1/2˚	190.5	1 5/64	27.4
WH-71-J-9	-	55˚-35˚	9	228.6	1 33/64	38.5
WH-72-J-21 1/4	-	70˚-20˚	21 1/4	539.8	1 5/64	27.4
WH-72-J-28	-	70˚-20˚	28	711.2	1 5/64	27.4
WH-73-J-21 1/4	-	60˚-30˚	21 1/4	539.8	1 3/8	34.9

*Bent away from rim

Any other lengths can be ordered.
All valves equipped with core and hex cap.
On lengths over 6", 2 lock nuts are furnished.



WH-75-J-662

TRIPLE BEND SWIVEL VALVES

HALTEC NO.	TR NO.	BEND ANGLE	HORIZONTAL INCHES	LENGTH MM	VERTICAL INCHES	HEIGHT MM
WH-75-J-662	J-662	90˚-20˚-20˚	14	355.6	1 5/64	27.4
WH-75-J-662-10 1/2	-	90˚-20˚-20˚	10 1/2	266.7	1 5/64	27.4
WH-75-J-663	J-663	90˚-8˚-8˚	25	635	1 5/64	27.4
WH-75-J-665	J-665	90˚-13˚-13˚	32	812.8	1 5/64	27.4
WH-75-J-666	J-666	84˚-6˚-31°-31°	20 1/8	511.2	1 5/64	27.4

SPECIAL HYDROFLATING VALVES

Designed for faster filling of tires with liquid. Does not contain valve core. Straight-through 5/16" opening is sealed with special O-ring cap No. A-151. Used on loader tire in conjunction with similar Large Bore Air Valve.

AIR WATER VALVE

Used in conjunction with WH-330-J-694 Large Bore valve.

HALTEC NO.	TR NO.	BEND ANGLE	"L" HORIZONTAL LENGTH		CAP
			INCHES	MM	
WH-JF-994	JF-994	28˚	3 1/2	88.9	A-151



WH-JF-994

LARGE RADIUS, HIGH BEND AIR VALVE USED WITH 977S

All valves fit 13/16" valve hole.
Uses A-145 valve core and A-149 cap.

HALTEC NO.	TR NO.	BEND ANGLE	"L" LENGTH		"H" HEIGHT	
			IN	MM	IN	MM
114S-5 1/2	90˚	5 1/2	139.7	2	50.8	
114S-11	90˚	11	279.4	2	50.8	

Can be ordered in any length.



114S-5 1/2

LARGE RADIUS, HIGH BEND AIR LIQUID VALVE

Uses Super Large Bore T-81 spud (TR-SP-8). Uses A-151 cap.

HALTEC NO.	BEND ANGLE	"L" LENGTH		"H" HEIGHT	
		IN	MM	IN	MM
977S-5 1/2	90˚	5 1/2	139.7	2	50.8
977S-11	90˚	11	279.4	2	50.8

Can be ordered in any length.



977S-5 1/2

SPECIALTY VALVES

JD-2

Standard bore multi bend turret valve fits 13/16" valve hole.



JD-2

OSH-4

Standard bore multi bend turret valve with double end fits 13/16" valve hole.



OSH-4

AMG-4

Standard bore double bend turret valve fits 13/16" valve hole.



AMG-4

HUT-1

Standard bore multi bend turret valve fits 13/16" valve hole



HUT-1

N-1609

Large bore single bend turret valve fits 13/16" valve hole.



N-1609

All Valves Complete With Core, Cap, Spud Nut, and Grommet.



WH-330-J-691



DS-400-LENGTH



WH-44-LENGTH



DS-385



DS-390



H-43



T-670



H-47

TURRET VALVE FOR PLANETARY GEAR WHEELS

HALTEC NO.	TR NO.	ANGLE BEND 1	OFFSET		HORIZONTAL LENGTH		ANGLE BEND 2
			IN	MM	IN	MM	
WH-330-J-690	J-690	28°	9/16	14.3	4 11/16	119.1	28°
*WH-330-J-691	J-691	18°	-	-	3 5/16	84.1	-
*WH-330-J-691B	J-691	18°	-	-	8 1/2	203.2	-
WH-330-J-692	J-692	28°	9/16	14.3	4 11/16	119.1	18°
WH-330-J-693	J-693	60°	1	25.4	5	127	60°
*WH-330-J-694	J-694	28°	-	-	3 1/2	88.9	-
WH-330-J-695	J-695	50°	1	25.4	4 1/8	104.8	50°
WH-330-J-696	J-696	42°	29/32	23	4 1/4	108	42°

*Single bend

DOUBLE SPUD VALVES

DS-400-LENGTH
This Large Bore double spud valve eliminates most of the plugging of Large Bore valves, which occurs at the bend of the swivel-type Large Bore valve.

WH-44 LENGTHS RIGID EXTENSION FOR DOUBLE SPUD
Can be ordered in any length.

DS-385
For rims with valve hole counterbore on O.D. of rim.

DS-390
For rims with 1/2" tapered pipe thread rim hole.

H-43
Double Spud plug

LOADER TIRE VALVE T-670
Loader tire valve complete with core, hex cap, and O-ring seal. Thread size is 1 1/16"-12.

HALTEC NO.	HEIGHT		CAP
	INCHES	MM	
T-670	1 25/32	45.4	A-149

TANK VALVE H-47
Screw-in type valve with 1/4" male pipe thread. Complete with core and cap.

HALTEC NO.	TR NO.	HEIGHT	
		IN	MM
H-47	J-671	1 19/32	40.5
H-47L		2.1	53.3

STRAIGHT VALVES

H-41
Tubeless spud, used with all Large Bore swivel valves. Fits 13/16" rim hole.

H-42
Straight valve, equipped with core and hex cap.

H-45
Spud and valve complete. Consists of H-41 & H-42.

HALTEC NO.	TR NO.	HEIGHT	
		INCHES	MM
H-41	SP-2	11/16	15.8
H-42	TRJ-670-2	1 1/2	38.1
H-45	TRJ-670-3	1 5/8	41.3

EXTENSIONS

HAND-BENDABLE

Equipped with 2 lock nuts and 3/4" hex sealing nut. A teflon gasket seals on end of valve, the lead seal in the sealing nut is forced into the threads for a second seal, positively locking extension to valve. Cap and core not included. They should be removed from valve and transferred to extension. The extension should be anchored to rim.

Other lengths can be ordered.

HALTEC NO.	EFFECTIVE LENGTH	
	INCHES	MM
753S-3 1/2	3 1/2	89.6
753S-4	4	101.6
753S-4 1/2	4 1/2	114.3
753S-8	8	203.2
753S-9	9	228.6
753S-10	10	254
753S-11 1/2	11 1/2	292.1
753S-12	12	304.8
753S-13 1/2	13 1/2	342.9
753S-16	16	406.4
753S-17	17	431.8
753S-17 1/2	17 1/2	444.5
753S-18	18	457.2
753S-18 1/2	18 1/2	469.9
753S-19	19	482.6
753S-20 1/2	20 1/2	520.7
753S-21	21	533.4
753S-21 1/2	21 1/2	546.1
753S-22 1/2	22 1/2	571.5
753S-23	23	584.2
753S-23 1/2	23 1/2	596.9
753S-24 1/2	24 1/2	622.3
753S-25	25	635.3
753S-29 1/2	29 1/2	749.3
753S-32	32	812.8

TECH TIP
THE ULTIMATE FLOW RESTRICTION IN ANY INFLATION/ DEFLATION SERVICE IS THE DIAMETER OF THE VALVE AND/OR VALVE CORE.



H-41



H-42



H-45

TECH TIP
THE 3/4" HEX SEALING NUT, 463, IS INCLUDED WITH EACH EXTENSION. THE NUT COMES WITH A WASHER THAT FORMS A TIGHT SEAL BETWEEN THE EXTENSION AND THE VALVE. IT ALSO ACTS AS A LOCK, TO KEEP THE EXTENSION FROM COMING LOOSE. FOR SHIPPING PURPOSES, THE 463 SEALING NUT IS SCREWED ONTO THE EXTENSION, BUT WHEN IN USE MUST BE MOVED TO THE VALVE BEFORE INSTALLING THE EXTENSION.



753S- LENGTH

RIGID BRASS EXTENSION

All-brass extension used where mounted in straight line with valve. Full-length deflector pin opens core in valve when servicing. Equipped with hex cap and 2 lock nuts on extensions over 5" in length. Replacement seal is available (part #F-454).

Other lengths can be ordered.



867-LENGTH

RIGID BRASS EXTENSIONS

HALTEC NO.	EFFECTIVE LENGTH	
	INCHES	MM
867-1 1/4	1 1/4	31.8
867-1 1/2	1 1/2	38.1
867-2	2	50.8
867-2 1/2	2 1/2	63.5
867-3	3	76.2
867-3 3/8	3 3/8	85.7
867-4	4	101.6
867-4 1/2	4 1/2	114.3
867-5	5	127
867-5 9/16	5 9/16	141.3
867-6	6	152.5
867-6 7/8	6 7/8	174.6
867-7 1/4	7 1/4	184.2
867-7 3/4	7 3/4	196.8
867-8	8	203.2
867-8 1/2	8 1/2	216.2
867-9	9	228.6
867-10	10	254
867-10 3/4	10 3/4	273
867-12	12	304.8
867-12 1/2	12 1/2	317.5
867-16	16	406.4
867-18 7/8	18 7/8	479.4
867-22 1/2	22 1/2	571.5
867-24 1/2	24 1/2	622.3

FLEXIBLE EXTENSION

Made with tough rubber hose and reusable hydraulic-type fittings. Equipped with 2 lock nuts and 3/4" hex sealing nut. A teflon gasket seals on end of valve. The lead seal in the sealing nut is forced into the threads for a second seal, positively locking extension to valve. Cap and core are not included. They should be removed from valve and transferred to extension.

Other lengths can be ordered.



810F-LENGTH

FLEXIBLE EXTENSIONS

HALTEC NO.	EFFECTIVE LENGTH	
	INCHES	MM
810F-8	8	203.2
810F-9	9	228.6
810F-10	10	254
810F-11 1/2	11 1/2	292.1
810F-12	12	304.8
810F-13 1/2	13 1/2	342.9
810F-16	16	406.4
810F-17	17	431.8
810F-17 1/2	17 1/2	444.5
810F-18	18	457.2
810F-18 1/2	18 1/2	469.9
810F-19	19	482.6
810F-20 1/2	20 1/2	520.7
810F-21 1/2	21 1/2	546.1
810F-22 1/2	22 1/2	571.5
810F-23	23	584.2
810F-23 1/2	23 1/2	596.9
810F-24 1/2	24 1/2	622.3
810F-25	25	635
810F-29 1/2	29 1/2	749.3
810F-32	32	812.8
810F-40	40	1016

CUSTOM-BENT SWIVEL VALVES AND EXTENSIONS FOR CATERPILLAR (OE VALVES)

HALTEC NO.	OVERALL LENGTH (IN)	NUMBER OF BENDS	TYPE
WHG-0570VC	19 31/32	5	Valve
WHG-1450VC	32 7/8	5	Valve
WHG-4985VC	19 3/4	4	Valve
WHG-5112VC	28 3/8	4	Valve
WHG-5200VC	27	5	Valve
WHG-5410VC	31 9/16	5	Valve
WHG-5420VC	33	5	Valve
WHG-8018VC	26 3/4	4	Valve
WHG-8019VC	8	1	Valve
WHG-8852VC	18 9/16	4	Valve
WHG-9440VC	27	5	Valve
WHG-9470VC	31 1/2	5	Valve
WHD-0585EC	17 15/16	4	Extension
WHD-5008EC	17 13/16	4	Extension
WHD-5922EC	15 1/4	5	Extension
WHD-7103EC	16 1/4	4	Extension
WHD-7601EC	16 3/4	4	Extension
WHD-7602EC	14 1/4	4	Extension
WHD-7940EC	19	5	Extension
WHD-7948EC	20 5/8	4	Extension
WHD-7949EC	28 7/8	4	Extension
WHD-8262EC	28 1/2	6	Extension
WHD-9903EC	16 7/8	4	Extension
WHD-82131EC	16 1/2"	4	Extension



LARGE BORE SCREW-ON VALVES FOR INNER TUBES

HALTEC NO.	TR NO.	(A) ANGLE BEND	(B) VERT. HEIGHT		(C) HORIZ. LENGTH	
			IN	MM	IN	MM
LB-216*	J-1014	Strt.	1 29/32	48.4	-	-
LB-217*	J-1076A	Strt.	4 5/32	105.6	-	-
LB-218*	J-1076B	86°	1 1/8	28.6	3 1/4	82.6
LB-219*	J-1076C	90°	1 1/2	38.1	2 7/8	73
LB-220*	J-1076D	90°	2 1/16	52.4	2 5/16	58.7
LB-221*	J-1076E	88°	1 3/8	34.9	3	76.2
LB-223*	J-1175A	Strt.	5 9/32	134.1	-	-
LB-224*	J-1175B	82°	1 1/4	31.8	4 1/4	108
LB-225*	J-1175C	88°	1 3/8	34.9	4 1/8	104.8
LB-226*	J-1078A	Strt.	5 25/32	146.8	-	-
LB-227*	J-1078B	82°	1 3/8	34.9	4 5/8	117.5
LB-228*	J-1078C	90°	1 1/8	28.6	4 7/8	123.8
LB-229*	J-1179A	Strt.	6 13/32	162.7	-	-
LB-230*	J-1179B	88°	1 3/8	34.9	5 1/4	133.4
LB-231*	J-1179C	86°	1 3/8	28.6	5 1/2	139.7

H-4000 ADAPTER

H-4000 adapter converts tubes having SP-1000 type spud to accept Large Bore swivel valves. Equipped with BW-18 washer and used with rim slots.
H-4000-1 Adapter Same as H-4000 except without bridge washer and hex nut.

These valves are supplied in straight or bent form ready for installation on tubes. Equipped with A-145 valve core and A-149 hex cap. Used with SP-1000 tube spud.



LB-227*



H-4000



H-4000-1

TECH TIP

A SPECIALLY DESIGNED TIRE VALVE ALLOWS FOR CONSTANT VISUAL PRESSURE CHECKS. IN ORDER TO USE PT GAUGE YOU MUST USE A SPECIAL PT TIRE VALVE.



PT GAUGE WITH VALVE

PT GAUGE

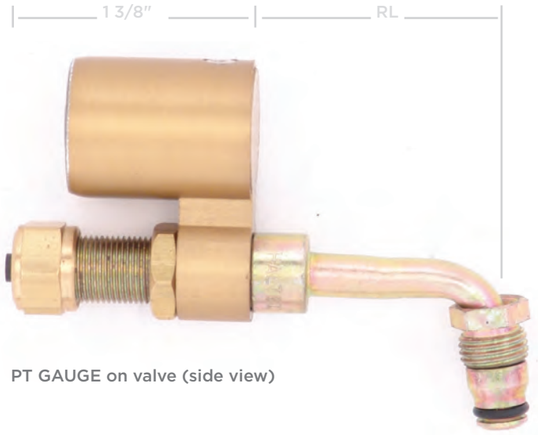
The PT Valve System is a design that allows tire pressure to be monitored with an easy-to-read, liquid-filled dial gauge attached to the valve. PT gauge is ordered separately. Comes with gauge and nut. Calibrated 0-160 PSI.

The PT valve and gauge can be used on most Large Bore, Super Large, and Z-Bore applications.

This gauge mounts on specially designed PT-style valves which allow visual tire pressure checks yet also allows for inflation, deflation, and manual pressure checks without removing the gauge.

The PT gauge has an all-anodized aluminum body and is completely sealed to prevent moisture from fogging the glow-in-the-dark dial.

The PT gauge is liquid-filled to prevent damage from vibration.



PT GAUGE on valve (side view)

When ordering valves for steering rim assemblies, check the rear length measurement (RL) so the device will clear the valve lug. This is important on some front truck rims and rear forklift or container-mover tires.

TECH TIP

AFTER FUEL, TIRES ARE OFTEN A FLEET'S LARGEST EXPENSE. THE BEST WAY TO ENSURE MAXIMUM TIRE LIFE IS THROUGH PROPER TIRE INFLATION. USING A PT VALVE AND GAUGE ASSEMBLY, TIRE PRESSURE MONITORING HAS NEVER BEEN EASIER. USE THE PT GAUGE FOR DAILY CHECKS AND A SEPARATE MASTER GAUGE FOR WEEKLY CHECKS AND YOU WILL CATCH AIR LOSS BEFORE IT CAN CAUSE PERMANENT TIRE DAMAGE.

BY SELECTING THE RIGHT PT VALVE FOR THE APPLICATION, A GAUGE CAN BE INSTALLED ON VIRTUALLY ANY MACHINE WITHOUT THE GAUGE ASSEMBLY BEING VULNERABLE TO DAMAGE. ON SOME JOB SITES, AIR PRESSURE ALMOST NEVER GETS CHECKED UNTIL IT IS VISUALLY NOTICED AND BY THIS TIME PERMANENT TIRE DAMAGE HAS OCCURRED. THE PT VALVE AND GAUGE ASSEMBLY WILL RAISE THE AWARENESS LEVEL OF MACHINE OPERATORS, MAKING IT EASIER FOR THEM TO RECOGNIZE A LOW TIRE BEFORE DAMAGE HAS BEEN DONE.

PTC BLOCK-OFF COLLAR

When the gauge is not being used, a PTC block-off collar can be installed to prevent air leakage. 5/8" hex.



PTC

PT-R-520

All PT valves have trouble-free, urethane O-rings on the valve barrel. For Super Large Bore applications, order the PT-R-520 core housing. Compatible for use with the IN-100 and IN-95.



PT-R-520

PT-EX

Large Bore extension with 1 5/8" effective length to allow PT Gauge installation on existing valves.

PT-EX-DP

Same as above, but comes equipped with internal deflector pin, therefore the core does not need to be moved from the valve.



PT-EX

PT VALVE SYSTEM

- Other valves and sizes available
- To order other valves, add the prefix "PT" to the Haltec valve number
- Assemble the valve to the tire and wheel assembly before installing the PT gauge to the PT valve.

HALTEC NO.	DESCRIPTION	CAP
PT Gauge	Gauge with nut for use on PT valves, 0-160 PSI	-
PTC	Block-off collar for PT valves when gauge is not attached	-
PT-300-J-650	WH-300-J-650 with PT grooves and O-rings	A-150
PT-45-6	WH-45-6 with PT grooves and O-rings	A-150
PT-330-J-690	WH-330-J690 with PT grooves and O-rings	A-150
PT-H-42	H-42 with PT grooves and O-rings	A-150
PT-753S-6	753S-6 with PT grooves and O-rings	A-150
PT-R-520	R-520 with PT grooves and O-rings for Super Large Bore	A-150
PT-330-3 1/2	Turret-style valve with 3 1/2" effective length	A-150



The PT valve hole allows the gauge to provide continuous pressure readings.

PT-45-6



PT-330-3 1/2

TL-634

Tightens nut to hold PT gauge on valve assembly. Also tightens A-150 cap and PTC collar.



TL-634

PT-Z10 Z-BORE CORE HOUSING

All PT valves have trouble-free, urethane O-rings on the valve barrel.
For Z-Bore applications, order the PT-Z10 core housing. Compatible for use with the Z12-B and IN-95A.

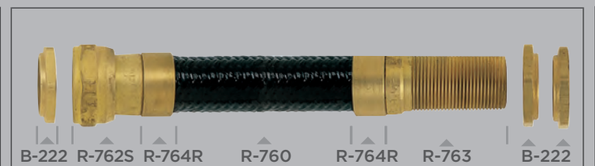


PT-Z10



2 Swivel Angle Connector

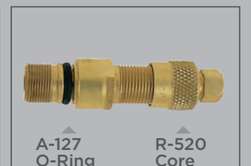
P. 26



3 Flexible Extension

M-1900: Same as M-1950 but without T-81 spud.

P. 26



4 Core Housing

P. 27





1 Rim Spud

P. 25

COMPONENTS OF THE HALTEC SUPER LARGE BORE SYSTEM

M-1950 COMPLETE SWIVEL VALVE, INCLUDING R-520 CORE HOUSING AND T-81 SPUD.

THE SUPER LARGE BORE VALVE SYSTEM WAS DEVELOPED IN 1972. THERE ARE FOUR PARTS TO THE VALVE AND A UNIQUE INFLATOR IS ALSO NEEDED TO MAXIMIZE THE AIR FLOW.

1. There are four spud designs:
   a. The standard clamp-in spud (T-81/T-82)
   b. The screw-in spud (C-100/C-155)
   c. The angle screw-in spud (S-85)

2. The next component is the swivel angle connector which threads onto the spud. There are different angles and lengths to accommodate the requirements of the customer. (R-525 Series)

3. The next component is a flexible extension which can be made up in any length. (MT-3000 Series)

4. The core housing makes up the final component. It contains a Large Bore Valve Core for servicing the tire assembly for routine pressure checks and allows the complete core housing removal for the Super Large Bore application. It can also be installed in any of the previous components for a shorter valve. (R-520)

5. To maximize air flow, an IN-100 or an IN-95 inflator is used to remove the core housing during inflation and deflation.
   A kit to allow extension assembly in the field is available. Rigid extensions are also available. *The Super Large Bore Valve System is FOUR times faster than a Large Bore Valve.*

TECH TIP

SCAN & VIEW VIDEO FOR HYDRAULIC VALVE TOOL FIELD ASSEMBLY

TECH TIP

SCAN & VIEW VIDEO FOR MANUAL VALVE TOOL FIELD ASSEMBLY

CLAMP IN SPUDS 1

T-81 CLAMP-IN SPUD
Fits the 13/16" diameter valve hole. The T-81 spud (TR-SP8) can attach any Super Large Bore valve to the rim through a standard valve hole (13/16" diameter). Tire must be dismounted to change spud.

T-82 CLAMP-IN SPUD
Similar to the T-81 spud but with an effective length 1/4" longer.



T-81



T-82

SCREW-IN SPUDS 1/2" & 3/4" NPT TAPPED HOLE

S-85 ANGLE SCREW-IN SPUD
S-85 angle screw-in spud. Fits 1/2" NPT-tapped rim hole. 85° bend angle. Other angles available.



S-85

S-85-D ANGLE SCREW-IN SPUD
Furnished with a locking nut with a teflon seal so direction can be reversed. 85° bend angle.



S-85-D

SLB-85 3/4" NPT SUPER LARGE BORE ANGLE SPUD
Screw-in spud, fits 3/4" NPT-tapped rim hole. 85° bend.



SLB-85

C-100 SCREW-IN SPUD
The screw-in spud is used to attach any of the Super Large Bore valves to the rim and is designed to screw into a 1/2" NPT-tapped rim hole. The spud can be changed without dismounting the tire. C-100 has internal threads for core housing. C-155 has no internal thread.

C-155 SCREW-IN SPUD
Same as C-100 but has no internal thread.

C-134 3/4" NPT SCREW-IN SPUD
3/4" NPT Screw-in spud.



C-100



C-134

TECH TIP

THREAD SEALANT SHOULD ALWAYS BE USED ON PIPE THREADS. NINETY-FIVE PERCENT OF LARGE BORE VALVES USE 13/16" ID VALVE HOLE.



R-525

HALTEC NO.	BEND ANGLE
R-525	90°
R-685	85°
R-625	80°
R-675	75°
R-660	60°
R-529 5 1/4"	90°

2 SWIVEL ANGLE CONNECTOR

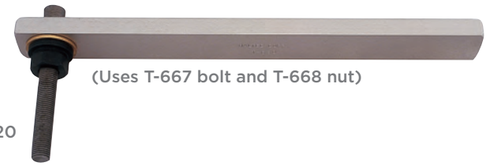
Component two of the Super Large Bore System is generally a swivel connector that screws on the spud.

Connectors of various angles and lengths are available.

The other end of the connector accommodates an MT-3000 flexible extension which attaches to the R-520 core housing or the 6185 check valve.



MT-3000



T-620

3 MT-3000 FLEXIBLE EXTENSION SERIES

Flexible extensions are made up in any length to allow the extension to fit the wheel configuration. The specially designed fittings and thermoplastic hose will not fatigue or crush during service. Corrosion problems are eliminated. Another important benefit of the Haltec Super Large Bore System is the ability to customize your extension in the field. The R-969-K and R-969K-1 kits are available to field assemble your own flexible extensions with the T-620 assembly tool.



SLBHAT

SLBHAT

This tool is used to assemble Super Large Bore flexible valves. The tool uses hydraulic power supplied by one of the air hydraulic pumps and does the work of pulling the mandrel through the hose fittings. It is fully portable and can be used anywhere an air hydraulic pump is available. See air hydraulic pumps on page 94.



R-763



R-760



R-762S



R-520



B-222



R-764R

ASSEMBLY KIT FOR SUPER LARGE BORE VALVES FIELD SERVICE

R-969K-1
Consists of R-762S swivel connector, R-763 straight tubing connector, R-764R (2) tubing connector sleeves, and B-222 nuts (2).

R-969-K
Consists of the above plus the R-520 core housing complete with core and cap.

R-760
Extension Tubing — available in 50′ and 100′ lengths. For proper field assembly, cut R-760 hose 2 1/4″ shorter than required length and complete with swivel angle connectors and core housing.

CORE HOUSING OR CHECK VALVE 4

R-520 (TR-CH-8) CORE HOUSING COMPLETE WITH CORE AND A-149 CAP

The R-520 is designated at Tire and Rim as the CH-8. It is an integral part of the system as the CH-8 is removed from the valve assembly with the Haltec IN-100 adapter to utilize the larger opening and the fullest flow.



R-520

R-520B CORE HOUSING COMPLETE WITH CORE AND A-150 CAP

The R-520B is designated at Tire and Rim as the CH-8. It is an integral part of the system as the CH-8 is removed from the valve assembly with the Haltec IN-100 adapter to utilize the larger opening and the fullest flow.



R-520B

A-449 SUPER LARGE BORE PROTECTIVE CAP

Locks the R-520 in place and cannot be removed until the A-449 is removed. Adds extra security by keeping the R-520 core housing in place deterring the tire from going flat. Protects the 11/16-24 thread on the valve.



A-449

TL-800 CORE HOUSING REPLACEMENT TOOL

Safely removes and replaces the R-520 core housing without losing pressure in the tire. Brass ball valve made of corrosion-resistant brass.



TL-800

5 INFLATOR ADAPTER



IN-100

NEW

IN-100 SUPER LARGE BORE INFLATOR ADAPTER

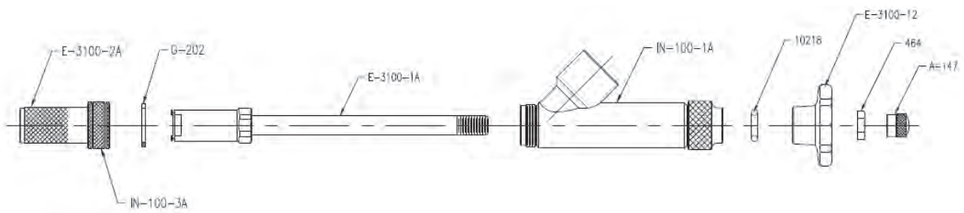
The Haltec design of the Super Large Bore inflator adapter offers many advantages.

- **New, safer alternative to IN-80A**
- **Left hand threads on union body — will not come loose when screwing on to valve**
- **New non-removable stem guide**

- 3/4" pipe thread for easy air hose connection. During inflation, air pressure in the tire can be checked through the stem knob with a tire pressure gauge.
- Will insert or extract CH-8 or CH-9 core housing
- Pressure can be checked without disconnecting with a Large Bore gauge
- 1 piece stainless steel stem and collet
- Reduces inflation time 60%, deflation time 80%.
- The core housing is held in a stainless steel extractor by a snap ring.
- Extractor is rugged enough so that the core housing can be loosened or tightened without being damaged. The IN-100 inflator adapter saves time by fast inflation or deflation on a tire. After removing the valve cap, the inflator is screwed onto the valve stem. The inflator stem is pushed in to engage the flats on the core housing. By rotating the stem counter clockwise, the core housing can be removed without any danger to the person removing it. The core housing is pulled up into the inflator body and held there during inflation or deflation. Can also be used for liquid-filling tires equipped with Super Large Bore valves.

IN-100 PARTS LIST:

- E-3100-2A Connector Sleeve
- IN-100-1A Body for IN-100
- IN-100-3A Nut for Connector Sleeve
- 10218 O-Ring
- G-202 Teflon Washer
- E-3100-12 Hand Knob
- E-3100-1A Stem and Collet
- 464 Lock nut
- A-147

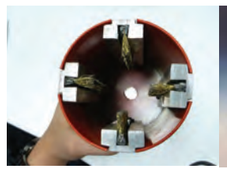




B050121005

B050121005 MUFFLER FOR IN-100

Muffles sound which protects the hearing of operator while deflating the tire. 1/2" fitting attaches to the IN-100 inflator. Decibel rating between 17-25 DBA.





NUT AND BOLT THREAD CLEANING KITS

Portable on-site thread cleaners provide a fast and efficient way to clean your studs before the nuts are removed using a 1/2" cordless, electric, or air powered drill.

HALTEC NO.	DESCRIPTION
38050	Includes a 1" and 1 1/2" thread cleaner in case
38051	1" thread cleaner in case
38052	1 1/2" thread cleaner in case
38053	1 replacement brush

RIGID METAL SWIVEL VALVES

MR-800 SWIVEL VALVE

MR-800-Length. Rigid metal swivel valve with R-520 core housing and (2) B-222 lock nuts. Can be ordered in different lengths.



MR-800

MR-850 SWIVEL VALVE

MR-850-Length. Same as MR-800 except with a T-81 rim spud.



MR-850

MR-890 TURRET VALVE

MR-890-Length. Rigid metal turret-type valve with R-520 core housing, B-222 lock nuts (3).



MR-890

M-2000 SWIVEL VALVE ASSEMBLY

A 90˚ swivel valve having 3 1/8" horizontal length.



M-2000

CUSTOM VALVES

Custom valves can be formed with any bends and lengths to fit specific applications.





DS-210



DS-210P



DS-226



DS-215

DOUBLE SPUD ASSEMBLY

DS-296 SUPER LARGE BORE DOUBLE SPUD VALVE ASSEMBLY (WITH FLEXIBLE EXTENSION)

Designed for wheels where space is critical. Valve height above rim is only 7/8". Consists of DS-210 double spud, DS-215 plug, and MT-4000-length flexible extension.



DS-296



MT-4000

MT-4000 LENGTH FLEXIBLE EXTENSION

Used with DS-296 and PB-210. Any length can be ordered. Consisting of: DS-226 connector, R-763 connector, R-764R sleeves (2), R-760 tubing.



N-1543A

SLB TURRET VALVES

HALTEC NO.	LENGTH	BEND ANGLE	USED ON
N-1538A	7 7/8"	15°	Caterpillar Applications
N-1543A	6 1/8"	15°	Caterpillar Applications
JD-3	6 1/8"	12°	John Deere Applications



N-1066

N-1066 SUPER LARGE BORE LOADER VALVE

Accepts R-520 core housing or other Super Large Bore swivel fittings. Thread size is 1 1/16"-12. Super Large Bore version of T-670.



S-7910

S-7910 VALVE SUPPORT

Used for Super-Large Bore.

SUPER LARGE BORE AIR-LIQUID VALVE FOR TRACTOR & GRADER

M-5000 VALVE ASSEMBLY

Screw-in type spud with O-ring seal. R-521 core housings not interchangeable in other Super Large Bore spuds. Thread size is 3/4" - 16.



M-5000

M-1870 VALVE ASSEMBLY

Super Large Bore straight valve assembly consists of R-520 core housing and T-81 spud.

N-1050 VALVE ASSEMBLY

Same as M-1870 but with T-82 spud.



M-1870

H-50 (TR-F-910)

Straight Valve Assembly Components T-81 spud and R-372 core housing.



H-50

R-372 (CH-16)

Fits T-81, C-100 & SP-816 tube spud.



R-372

TECH TIP

THE FLOW OF THE LARGE BORE VALVE IS THREE TIMES MORE AIR THAN THE STANDARD BORE VALVE. THE SUPER LARGE BORE VALVE IS FOUR TIMES MORE AIR THAN A LARGE BORE VALVE.

MEASURED IN COST OF DOWNTIME AND THE COST TO SERVICE LARGE OFF-THE-ROAD TIRES, SUPER LARGE BORE IS A BARGAIN.

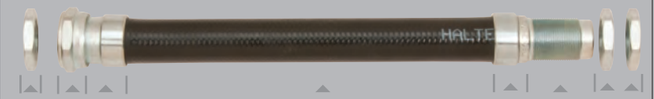
AS THE TREND CONTINUES TOWARD LARGER VEHICLES WITH LARGER TIRES, THE NEED IS FOR FASTER, MORE EFFICIENT TIRE SERVICING.

SUPER LARGE BORE FILLS THAT NEED. FOR EVEN FASTER AIR FLOW, SEE THE MEGA BORE VALVE SYSTEM ON PAGE 36 OR THE Z-BORE ON PAGE 32.



2 Angle Connector

P. 34



3 Flexible Extension

P. 34



4 Core Housing

P. 35



1 Rim Spud

P. 33

COMPONENTS OF THE HALTEC Z-BORE SYSTEM

THE Z-BORE VALVE SYSTEM IS VERY SIMILAR TO THE SUPER LARGE BORE SYSTEM. BY USING AN O-RING SEAL TO CLAMP THE SPUD TO THE RIM, A GREATER FLOW DIAMETER IS CREATED WITHOUT SACRIFICING STRENGTH OR PERFORMANCE.

1. There are three basic spud designs:
   a. The standard clamp-in spud (Z2)
   b. The screw-in spud (Z1)
   c. The angle screw-in spud (Z4)

2. The second component is the swivel angle connector which threads onto the spud. As with Super Large Bore Valves, you can install a core housing into the spuds to make a valve.

3. The Z-Bore Flexible Extension can be made in various lengths.

4. The core housing is the final component. It contains a Large Bore Valve Core for servicing the tire assembly for routine pressure checks and allows the complete core housing removal for the Z-Bore application.

5. To maximize air flow, a Z12-B or IN-95 inflator is used to remove the core housing during inflation and deflation. This inflator operates like the Super Large Bore Inflator.
   Like Super Large Bore Extensions, you can use a kit to allow extension assembly in the field. Rigid extensions are also available.
   Z-Bore flows 370 CFM compared to 240 CFM on the Super Large Bore Valve System.

TECH TIP

SCAN & VIEW VIDEO FOR FIELD ASSEMBLY

RIM SPUDS 1

There are three spud types available: the standard clamp-in spud, a screw-in spud, and an angle screw-in spud.

The Z-Bore Valve System is very similar to the Super Large Bore System. By using an O-ring to seal the clamp-in spud to the rim, a greater flow diameter is created without sacrificing strength or performance.

Z2 CLAMP-IN SPUD
Fits the 13/16" diameter valve hole. The Z-2 spud can attach any Z-Bore valve to the rim through a standard valve hole (13/16"). Tire must be dismounted to change spud.



Z2

Z1 SCREW-IN SPUD
The screw-in spud is used to attach any of the "tapped" valves to the rim and is designed to screw into a 1/2" NPT-tapped hole. The spud can be changed without demounting the tire.



Z1

Z13 SCREW-IN SPUD
The Z-13 screw-in spud screws into the 3/4" NPT-tapped rim hole and converts Mega Bore to Z-Bore.



Z13

Z4 ANGLE SCREW-IN SPUD
Fits 1/2" NPT-tapped rim hole. 85° bend angle.

Z24 ANGLE SCREW-IN SPUD
Same as Z4. Fits 3/4" NPT-tapped rim hole. 85° bend angle.



Z4

TECH TIP

Z-BORE FLOWS 370 CFM COMPARED TO 240 CFM ON THE SUPER LARGE BORE VALVE SYSTEM.



Z3-90

2 ANGLE CONNECTORS

The second component is the swivel angle connector which threads onto the spud. As with Super Large Bore valves, you can install a core housing into the spuds to make a valve.

ANGLE CONNECTOR

Connectors of various angles and lengths are available. The connector accommodates a flexible extension which attaches to the Z-10 core housing.

HALTEC NO.	ANGLE
Z3-60	60˚
Z3-75	75˚
Z3-80	80˚
Z3-90	90˚

3 THE Z-BORE FLEXIBLE EXTENSION CAN BE MADE IN VARIOUS LENGTHS

Flexible extensions are made in any length to allow the extension to fit the wheel configuration. The specially designed fittings and thermoplastic hose will not fatigue or crush during service. Corrosion problems are eliminated. Another important benefit of the Haltec Z-Bore System is the ability to customize your extension in the field. The ZFAK field assembly kit is available to field assemble your own flexible extension with the Z5 assembly tool.



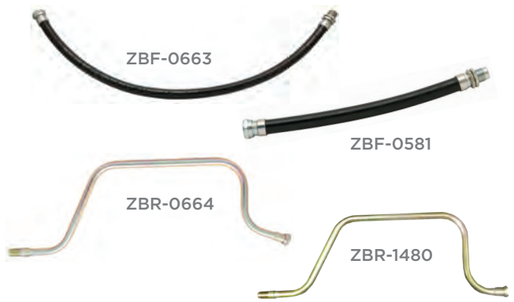
ZBFE-LENGTH



HT-Z-100

HT-Z-100 HIGH TEMP SLEEVE

Used to protect Z-100 tubing.



KOMATSU EXTENSIONS

KOMATSU NO.	HALTEC NO.	NOTES
PC0664	ZBR-0664	Old Style
PC0581	ZBF-0581	
PC0663	ZBF-0663	
PC1480	ZBR-1480	New Style

ZFAK — ASSEMBLY KIT FOR Z-BORE VALVES

ZFAK consists of Z8 Swivel connector, Z17 straight tubing connector, two Z2-2 nuts, two Z9 tubing connector sleeves, and Z10 core housing. Z-100 tubing is ordered separately.

The core housing is the final component. It contains a Large Bore valve core for servicing the tire assembly for routine pressure checks. The Z12-B inflator allows the complete removal of the core housing for the Z-Bore application. For proper field assembly, cut Z-100 hose 2 1/4" shorter than required length and complete with angle connectors and core housing.



Z-100



Z5



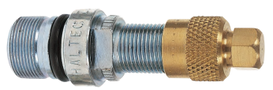
Z10



Z8 Z9 Z2-2 Z17

Z10 CORE HOUSING 4

Complete with core and cap, the Z10 is an integral part of the system as the Z10 is removed from the valve assembly with the Haltec Z12-B Inflator to utilize the larger opening and the fullest flow.



Z10

Z12-B INFLATOR 5

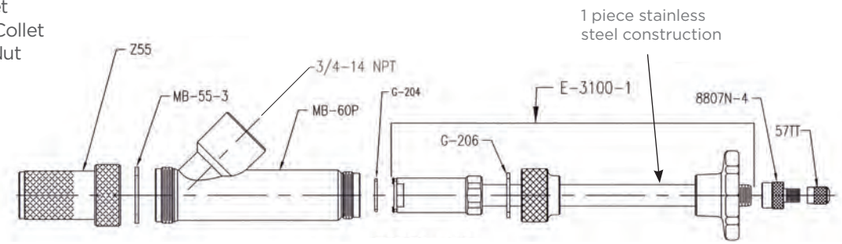
To maximize air flow, a Z12-B inflator is used to remove the core housing during inflation & deflation. This inflator operates like the IN-100 Super Large Bore inflator as seen on page 28.



Z12-B

Z12-B PARTS LIST:

- Z55 Ejector Union
- G-202 Gasket for Z11
- MB-60P Gasket for Z55
- G-204 Snap Ring for Collet
- E-3100-1 1 piece Stem & Collet
- G-206 Gasket for Stem Nut
- 8807N-4 Cap Adapter
- 57TT Standard Bore Cap



B070121007 FOR Z12-B

Muffles sound which protects the hearing of operator while deflating the tire. 3/4" fitting attaches to the IN-95 inflator. Decibel rating between 17-25 DBA.

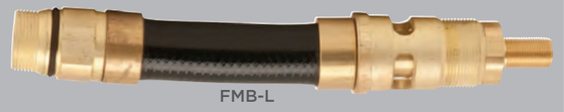


B070121007


MB-19-85

2 Angle Connector

P. 37


FMB-L

3 FMB Length Mega Bore Flexible Valve

P. 38


MB-13

4 Valve Cap

P. 38


MB-20

1 Rim Spud

P. 37

COMPONENTS OF THE HALTEC MEGA BORE SYSTEM

THE MEGA BORE VALVE SYSTEM IS UNIQUE BECAUSE IT USES A DIFFERENT HOLE SIZE THAN OTHER VALVE SYSTEMS. THERE ARE SEVERAL OTHER FEATURES WHICH MAKE THIS SYSTEM UNIQUE.

1. There are three types of rim spuds:
   a. The clamp-in spud for the 15/16" rim hole
   b. The angled screw-in spud for the 3/4" NPT rim hole
   c. Screw-in spud for the 3/4" NPT rim hole
2. The second component is an angle connector which screws onto the clamp-in or the screw-in spud. The rigid Mega Bore Valve can be screwed into the angle adapters and angle screw-in spuds.
3. The next component is either the rigid Mega Bore Valve or the Mega Bore Flexible Valve which has the retractable core housing permanently assembled to the extension. The original Mega Bore Valves have a retractable, but not removable, core housing. The new style Mega Bore Valves use a removable core housing similar to Super Large Bore and Z-Bore.
4. There is also a unique cap to the Mega Bore System to protect the side vent air holes and threads of the valve.
5. To maximize air flow, an MB-8 inflator is used to retract the core housing during inflation and deflation. For routine pressure checks, you can still use any Large Bore pressure gauge or air chuck. The new style Mega Bore Valve utilizes the IN-95 for inflation and deflation.
6. Like the Super Large Bore and the Z-Bore Valve Systems, the Mega Bore Flexible Extensions can be field assembled.
   Mega Bore flows 550 CFM compared to 240 CFM on the Super Large Bore System.

TECH TIP

SCAN & VIEW VIDEO FOR FIELD ASSEMBLY

RIM SPUDS 1

MB-20 CLAMP-IN SPUD
Fits a 15/16" diameter valve hole. Tire must be dismounted to change spud. Attach any Mega Bore angle connector to the MB-20 spud.


MB-20

MB-26 SCREW-IN SPUD
Fits a 3/4" NPT threaded valve hole, screw-in spud. Attach any Mega Bore angle connector to the MB-26 spud. Spud can be changed without demounting tire.


MB-26

MB-12-85 & MB-12-75 SCREW-IN ANGLE SPUD
The screw-in spud is used on a 3/4" tapped rim hole. Attaches to an MB-14 rigid or an FMB flexible Mega Bore valve. The spud can be changed without demounting the tire.


MB-12-85

ANGLE CONNECTORS 2

MB-19-85 & MB-19-75 ANGLE CONNECTORS
An angle connector screws onto the MB-20 spud. The other end of the connector accommodates an MB-14 rigid valve or an FMB flexible Mega Bore valve.


MB-19-85

MB-29-85 ANGLE CONNECTORS
An angle connector screws onto the MB-20 spud. The other end of the connector accommodates an MB-27 rigid valve or Caterpillar O-ring face seal hydraulic hose.


MB-29-85



MB-14



MB-27



FMB-L



MBV-L

3 VALVES

MB-14 RIGID MEGA BORE VALVE
Rigid Mega Bore valve can be screwed into any Mega Bore angle connector or screw-in spud.

MB-27 FACE SEAL MEGA BORE VALVE
Rigid Mega Bore valve can be screwed onto MB-29 angle connector or Caterpillar O-ring face seal hydraulic fittings.

FMB LENGTH MEGA BORE FLEXIBLE VALVE
Screws into the Mega Bore angle connectors or screw-in angle spud. Can be made in any length (minimum 8″). The specially designed fittings and thermoplastic hose will not crush or fatigue during service. Large Bore threads on the core housing allow use of Large Bore pressure gauges.

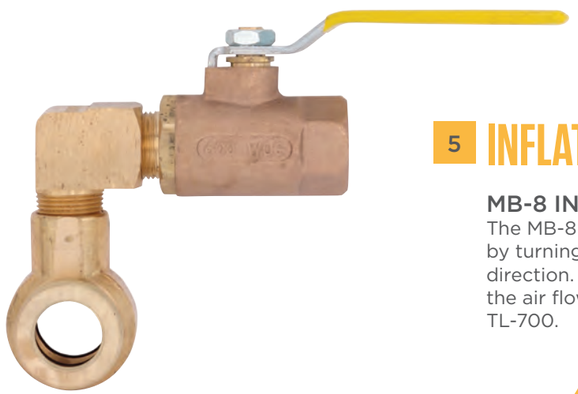
MBV-LENGTH
Screws into the Mega Bore angle connectors or screw-in angle spud. Made to length in the field using the MBAT assembly tool. MB-14 screws into the end to complete the valve.



MB-25 HEX



MB-13



MB-8

4 CAPS

MB-25 HEX CAP
Cap for the Mega Bore core housing. Protects core housing from damage. Has an O-ring seal. Has modified Hex that can be installed or removed using the TL-700.

MB-13 VALVE CAP
Cap for the Mega Bore core housing. Protects core housing from damage. Has an O-ring seal.

5 INFLATOR

MB-8 INFLATOR
The MB-8 Mega Bore inflator attaches to the valve body by turning the knurled nut on the inflator in a clockwise direction. The 3/4″ ball valve is used to open and close the air flow after the core housing is retracted with the TL-700.

HT-R-761 HIGH TEMP SLEEVE
Used to protect R-761 tubing.



HT-R-761

TL-700 TOOL
The TL-700 fits the Mega Bore core housing to retract the housing for inflation and deflation. The TL-700 should be used only in conjunction with the MB-8 Mega Bore inflator. The MB-8 inflator should be engaged on the core housing before using the TL-700.



TL-700

MBRC-8 MEGA BORE VALVE REMOVABLE CORE HOUSING 8″
Mega Bore flexible valve with removable core housing. Can be made in any length (minimum 8″). Can be assembled in field.



MB-19-85

2 Angle Connector P. 37



MB-5A MB-3 R-761 MB-3 MB-51 MB-20-2

3 Removable Core Housing P. 40



MB-50 A-149

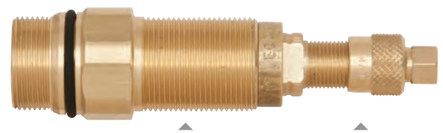
4 Straight Valve Body P. 40



MB-20

1 Clamp-In Spud P. 37

MB-56 RIGID MEGA BORE VALVE
Rigid Mega Bore valve can be screwed into any Mega Bore angle connector or screw-in spud. With removable core housing.



MB-52 MB-50

COMPONENTS FOR MEGA BORE FLEXIBLE VALVE FIELD ASSEMBLY


MB-20-2


MB-50


MB-51


MB-5A


R-761


MB-3




MBAT Assembly Tool

For proper field assembly, cut R-761 hose 2 3/4" shorter than required length and complete with angle connectors and core housing.

6 INFLATOR




SLB-55


MB-55


Z55

IN-95 INFLATOR ADAPTER

Haltec Model IN-95 Inflator Adapter for air or liquid filling of large earthmover tires when Equipped with Super Large Bore, Z-Bore, and Mega Bore Valves.

The IN-95 will insert or extract an R-372, R-520, Z10, or an MB-50 core housing and positively hold it up in the adapter body out of the air or liquid flow when filling or evacuating a tire. The inflator adapter can be attached to any liquid filling tire pump since it has 3/4" pipe thread. With the adapter attached to the valve, the pressure in the tire can be checked without disconnecting it from the valve, with a large bore gauge, through the end of the adapter stem. All IN-95 parts are brass except the collet, which is stainless steel, and the hand knob, which is aluminum.

B070121007 FOR IN-95

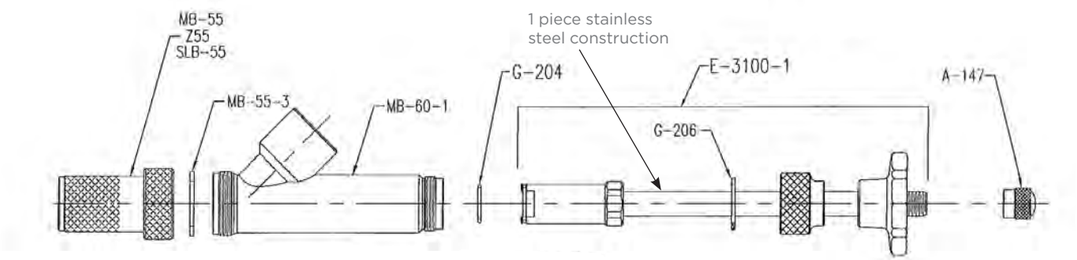
Muffles sound which protects the hearing of operator while deflating the tire. 3/4" fitting attaches to the IN-95 inflator. Decibel rating between 17-25 DBA.



B070121007

IN-95 PARTS LIST:

- SLB-55 Super Large Bore ejector union
- Z55 Z- bore ejector union
- MB-55 Mega Bore ejector union
- MB-55-3 gasket ejector unions
- MB-60-1 Adapter body
- E-3100-1 1 piece stem and collet
- G-204 Snap ring
- G-206 Gasket for stem nut
- A-147 Dome cap



STANDARD, ARCTIC, & HIGH TEMP O-RINGS FOR TUBELESS RIMS


OR-25-T


OR-224-TGA

- Packaged 2 per poly bag
- 24 O-rings per case
- Sold in case lots
- Consistent product quality
- Manufactured of high-quality material
- O-rings individually marked in an easy-to-read color
- Manufactured to major OEM specifications
- Spliced O-ring with sonic weld technology
- Extruded product allows diameter variation to meet the wide variety of rim O-ring grooves, both domestic and foreign
- Three compounds for all service conditions: Standard -40˚F to 180˚F (marked with white ink), Arctic -65˚F to 180˚F (marked with green ink), and High Temp -85˚F to 437˚F (all orange)
- Customized product available for special applications. For Arctic O-rings add the letter "A" to the end of the part number.



High temperature compound O-rings available upon request

HALTEC NO.	TIRE TYPE	RIM SIZE	ROD DIAMETER
OR-21-T	Highway	21"	.26
OR-25-T	Earthmover	25"	
OR-20-JM	Highway (JM Rim)	20"	
OR-22-JM	Highway (JM Rim)	22"	
OR-24-JM	Highway (JM Rim)	24"	
OR-215-H	Grader	15"	.28
OR-217-L	Grader	17"	
OR-220-TG	Grader	20"	.26
OR-224-TG	Grader	24"	
OR-225-T	Grader	25"	
OR-232-TG	Grader	32"	
OR-321-T	Earthmover	21"	.385
OR-325-T	Earthmover	25"	
OR-329-T	Earthmover	29"	
OR-332-T	Earthmover	32"	
OR-333-T	Earthmover	33"	
OR-335-T	Earthmover	35"	
OR-339-T	Earthmover	39"	
OR-343-T	Earthmover	43"	
OR-345-T	Earthmover	45"	
OR-349-T	Earthmover	49"	
OR-449-T	Earthmover	49"	.50
OR-451-T	Earthmover	51"	
OR-451-OVM	Earthmover	51"	
OR-457-T	Earthmover	57"	
OR-457-OVM	Earthmover	57"	
OR-463-T	Earthmover	63"	
OR-463-OVM	Earthmover	63"	
OR-469-T	Earthmover	69"	

TECH TIP

HALTEC O-RINGS PASS ALL OE SPECS


LR-25

L-RING SEALS FOR EARTHMOVER RIMS

PROPER USE OF HALTEC L-RING SEALS

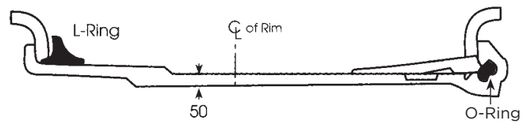
The primary purpose of the L-ring seal is to create an air seal where the tire bead and rim bead seat are not completely compatible. Some of the examples where the L-seal will prove useful:

- Where you have an irregular butt weld in the knurled bead seat area.
- Where, during initial inflation, the bead seating is very difficult.
- When an air passage between the bead and the rim is identified.
- Where overloads and severe operating conditions cause the rim deformation (deflection) which can result in air leakage.

HALTEC NO.	DESCRIPTON
LR-10	10" L-ring seal
LR-12	12" L-ring seal
LR-15	15" L-ring seal
LR-16	16" L-ring seal
LR-20	20" L-ring seal
LR-24	24" L-ring seal
LR-25	25" L-ring seal
LR-29	29" L-ring seal
LR-33	33" L-ring seal
LR-35	35" L-ring seal
LR-39	39" L-ring seal
LR-45	45" L-ring seal
LR-49	49" L-ring seal
LR-51	51" L-ring seal
LR-57	57" L-ring seal
LR-63	63" L-ring seal
LR-69	69" L-ring seal

IMPORTANT INFORMATION

- L-Ring Seals are not a cure for damaged beads nor damaged wheels and rims. Caution should be used during all fitments. Do not install where broken bead is suspected.
- Always follow the respective manufacturer's recommendation for proper bead-lubrication and initial air pressure to properly seat beads.
- If you have any questions regarding the use of the L-Ring Seals, contact Haltec prior to attempting any installation.





TV-571 TV-573 TV-500

Hex recess in base for easier installation.

TRUCK AND BUS VALVES

Straight clamp-in valves used on both demountable and non-demountable rims. For .625" diameter valve hole. **Bent valve stems also available. Haltec custom bends the TV-570 series valves.**

HALTEC NO.	TR NUMBER	EFFECTIVE LENGTH
TV-500	500	2"
TV-501	501	1 1/2"
TV-570	570	3 1/8"
TV-571	571	3 3/8"
TV-572	572	3 3/4"
TV-573	573	4 3/8"
TV-574	574	5"
TV-575	575	1 1/8"

CUSTOM BENT VALVES AVAILABLE UPON REQUEST

Haltec can custom bend and fabricate any tire valve hardware need at its manufacturing facility in Salem, Ohio. This allows us to provide prototype samples which ultimately lead to innovative solutions for our customers.



TV-572-HT

TV-572-HT WITH HIGH TEMP GROMMET

Equipped with the G-170S high temperature grommet. Ideal for buses, cement trucks, and garbage trucks.



TV-573-HT

TV-573-HT WITH HIGH TEMP GROMMET

Equipped with the G-170S high temperature grommet. Ideal for buses, cement trucks, and garbage trucks.



QS-500



QS-430

QS-500 2" REPLACEMENT QUIKSTEM VALVE

Fits 5/8" (.625) valve hole. Will replace broken valve stems on farm equipment, construction vehicles, commercial vehicles and more. Designed to install from outside of wheel to reduce vehicle down time and allow you to continue working until tire service is convenient. Can be installed with a 9/16" socket or wrench. Installs easily in 1 minute.

QS-430 1 3/16" REPLACEMENT QUIKSTEM VALVE

Same use as the QS-500. Fits a .453 valve hole. Can be installed with a 1/2" socket or wrench.



TV-418 TV-413 TV-425 TV-413CH TV-418CH

SNAP-IN TIRE VALVE & CHROME SLEEVE TIRE VALVES

HALTEC NO.	TR NO.	EFFECTIVE LENGTH	VALVE HOLE	NOTES
TV-412	412	7/8"	.453	Rubber Sleeve
TV-413	413	1 1/4"	.453	Rubber sleeve
TV-414	414	1 1/2"	.453	Rubber sleeve
TV-415	415	1 1/4"	.625	Rubber sleeve
TV-418	418	2"	.453	Rubber sleeve
TV-423	423	2 1/2"	.453	Rubber sleeve
TV-425	425	2"	.625	Rubber sleeve
TV-413-CH		1 1/4"	.453	Chrome sleeve
TV-418-CH		2"	.453	Chrome sleeve

Maximum cold inflation pressure 65 PSI.



51025

51025 QUICK VALVE CHANGE TOOL

- Change a tire valve in 10 seconds
- Ideal for leaking valve stems
- For use only with .453 valve stems

TECH TIP

ALL GROMMETS ON 570 SERIES VALVES ARE MADE IN THE USA

EINKY VALVES

A high-performance "No Show" type chrome-plated valve that installs from the outside. A rubber washer and nut are on the inside.

HALTEC NO.	BEND ANGLE	EFFECTIVE LENGTH	VALVE HOLE
TV-6010	STR.	3/4"	.453
TV-6020	45°	1 1/16"	.453
TV-6030	STR.	1 1/4"	.453
TV-6040	STR.	1 3/4"	.453
TV-6050	90°	1 3/16"	.453

CLAMP-IN VALVE

Used on car and light truck applications. Maximum inflation pressure 130 PSI.

HALTEC NO.	TR NO.	EFFECTIVE LENGTH	VALVE HOLE	NOTES
TV-416	416	1 1/4"	.453 or .625	-
TV-416L	-	2"	Both grommets furnished	
TV-416LF-18	-	2"	.453	For use on utility trucks, equipped w/DS-1
TV-416LFLG-18	-	2"	.625	For use on utility trucks, equipped w/DS-1

TV-575HP/DS-1

- Ford .453 "Cut-Away" and Cargo Van Series with Single Rear Wheels
- Accuride Steel 16" x 7" Wheels
- Front & Rear Wheels
- Chrome Finish
- .453

N-1600

- Ford "F" Series Trucks with Dual Wheels
- Alcoa Aluminum 16"
- Front & Rear Wheels
- Chrome Finish
- .453

TV-416LF

- Ford "Cut-Away" Series with Dual Wheels
- Accuride Steel 16" x 16" Wheels
- Front & Rear Wheels
- Nickle Finish
- .453

TV-416/DS-1

- Ford "F" Series Trucks with Dual Wheels
- Accuride Steel 19.5"
- Front & Rear Wheels
- Nickle Finish
- .453

TV-416MC

- Ford "F" Series Trucks with Dual Wheels
- Accuride Steel 16" x 16"
- Front & Rear Wheels
- Nickle Finish
- .453

TECH TIP

ALL HALTEC SNAP-IN VALVES PASS ALL SAE REQUIREMENTS



TV-6040



TV-6020



TV-416



TV-416L



TV-416LF-18



TV-575HP/DS-1



N-1600



TV-416LF



TV-416/DS-1



TV-416MC



TV-430 CH-505

NEW

TV-430 TUBELESS MOTORCYCLE VALVE
Has O-ring seal, fits .327" valve holes. Effective length is 1 3/16".

CH-505 MOTORCYCLE CHUCK
Angled design to fit between the brake rotor and the hard to reach valve. Easy on/off locking coupler. Hardened steel pins for increased service life. 1/4" NPT female threads. 8" long. Order CH-505OP for open chuck.



TV-575-HP

TV-6008C

TV-575-HP
Low profile with 1" E.L. Has grommets to fit either .453" or .625" diameter valve hole.

TV-6008C
Tractor Front Wheel Valve Low profile valve offers minimum protrusion above the rim. 9/16" effective length with chrome finish. Fits .453" or .625" valve hole.



TV-6008



H-523MS

TV-6008
Same as above except brass finish.

H-523MS ALUMINUM VALVE
A light aluminum valve used on racing and light alloy wheels. Fits .453" valve hole and has O-ring seal.



TV-801-HP TV-802-HP TV-600-HP TV-602-HP

HIGH-PRESSURE TUBELESS TIRE VALVE
TV-600-HP and TV-602-HP used to 80 PSI cold inflation pressure, and fits .453" diameter valve hole, maximum rim thickness .205" at valve hole. TV-801-HP and TV-802-HP used to 100 PSI cold inflation pressure, and fits .625" diameter valve hole, maximum thickness .205" at valve hole. Designed for use with transporting mobile homes.

HALTEC NO.	TR NO.	EFFECTIVE LENGTH	VALVE HOLE
TV-600-HP	600HP	1 1/4"	.453"
TV-602-HP	602HP	2"	.453"
TV-801-HP	801HP	1 1/4"	.625"
TV-802-HP	802HP	2"	.625"



N-1147

N-1147L

N-1147 RADIAL COMMANDER
Valve N-1147 for 15" Disc Wheels 23° bend clamp-down valve for .625" valve hole. Bend allows clearance of brake drum for tire service.

CUSTOM BENT VALVES AVAILABLE UPON REQUEST
Haltec can custom bend and fabricate any tire valve hardware need at its manufacturing facility in Salem, Ohio. This allows us to provide prototype samples which ultimately lead to innovative solutions for our customers.



RV-1078A

SCREW-ON REPAIR VALVES

HALTEC NO.	TR NO.	EFFECTIVE LENGTH
RV-1177A	1177A	3 1/4"
RV-1077A	1077A	4 1/8"
RV-1175A	1175A	4 1/2"
RV-1078A	1078A	5"
RV-1179A	1179A	5 5/8"

For trucks and bus, tube-type tires. A quick replacement for broken tube valves with body thread. Cut off valve and screw on repair valve without cutting out old valve base (with bridge washer). Can be used with SP-1000 tube spud.

METRIC RIM HOLE VALVE (9.7MM VALVE HOLE)
Some imported trucks will have steel wheels that incorporate the 9.7mm valve hole (.390"). These are the most popular valves for this application.

HALTEC NO.	ETRTO	BEND	A HEIGHT	B HEIGHT	FINISH	SEAL
41 MS-00	V3-20-1	Straight	1 5/8"	-	Brass	O-Ring
54 MS-00	-	Straight	2 1/8"	-	Nickel	Grommet
60 MS-00	-	Straight	2 3/8"	-	Nickel	Grommet
60 MS-27	-	27°	1 3/16"	1 5/32"	Nickel	O-Ring
70 MS-7	-	7°	1 19/32"	1 1/8"	Nickel	Grommet
70 MS-27	V3-20-5	27°	1 3/16"	1 9/16"	Nickel	O-Ring
70 MS-7SL	-	7°	1 19/32"	1 1/8"	Nickel	Grommet
80 MS-27	V3-20-7	27°	1 3/16"	2"	Brass	O-Ring
90 MS-27	V3-20-4	27°	1 3/16"	2 3/8"	Brass	O-Ring
115 MS-27	V3-20-6	27°	1 3/16"	3 3/8"	Brass	O-Ring
8135L	V3-22-1	45°	1 3/16"	1 1/16"	Brass	O-Ring
PVR-119	-	17.5°	1 11/32"	1 1/2"	Nickel	O-Ring

Other sizes available upon request



70 MS-7



90 MS-27

TRUCK VALVES FOR ALUMINUM TRUCK WHEELS
Tubeless valves used in drop-center aluminum disc wheels with .625 valve hole. Rubber grommet available (part #G-172).

HALTEC NO.	TR NO.	BEND ANGLE	E.L.
TV-509	TR-509	90°	4 3/4"
TV-510	TR-510	90°	5 1/2"
TV-511	TR-511	90°	4 1/4"



TV-509

PRESET VALVE WRENCHES
Open-end choices for 5/8" or 9/16" Valve nuts. A durable and robust open-end due to chrome-vanadium alloy steel. The operator receives feedback indicating desired torque value is reached through the robust internal spring release.

Torque Settings
The 9/16" open-end is set to 42 in. lbs. and suitable for 570 Series Valves.
The 5/8" open-end is set to 100 in. lbs. and suitable for 540 and 550 Series Valves.
Note: Always consult with manufacturer instructions to confirm desired torque.

FOR 570 SERIES VALVES		
PART NO.	OPEN-END	TORQUE SETTING
PW18916	9/16"	42 in-lb

FOR 540 & 550 SERIES VALVES		
PART NO.	OPEN-END	TORQUE SETTING
PW18058	5/8"	100 in-lb

TECH TIP
KEEP ALL O-RING SURFACES AS CLEAN AS POSSIBLE WHILE ASSEMBLING VALVES

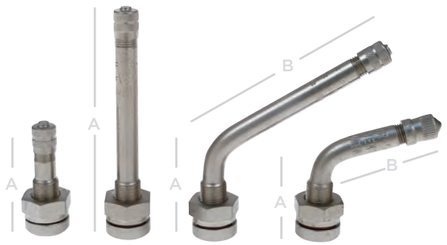


NEW

PW18916
PW18058

TV-540 SERIES, O-RING SEAL VALVES FOR ALUMINUM TRUCK WHEELS (9.7 MM VALVE HOLE)

HALTEC NO.	VALVE TR NO.	A HEIGHT	BEND ANGLE	B LENGTH	HEX NUT
TV-542	542	1.25	-	-	HN-22
TV-543	543	2.4	-	-	HN-22
H-543C	543C	0.93	45°	1.43	HN-22
TV-543D	543D	0.98	60°	1.38	HN-22
TV-543E	543E	0.98	75°	1.38	HN-22
TV-544	544	2.9	-	-	HN-22
TV-544C	544C	0.98	45°	1.94	HN-22
TV-544D	544D	0.98	60°	1.94	HN-22
TV-545	545	3.5	-	-	HN-22
TV-545D	545D	0.98	60°	2.6	HN-22
TV-545E	545E	0.98	75°	2.6	HN-22
TV-546	546	4.25	-	-	HN-22
TV-546D	546D	0.98	60°	3.35	HN-22
TV-546E	546E	0.98	75°	3.35	HN-22
TV-546G	546G	0.98	105°	3.35	HN-22
TV-546-36	546-36	0.98	36°	3.35	HN-22
TV-547D	547D	0.98	60°	3.78	HN-22



TV-542 TV-544 TV-546D TV-543E

TECH TIP

THE SLOT ON THE BOTTOM OF THE 550 SERIES ALLOWS FOR EASY INSTALLATION



TV-550 SERIES

Features:

- Longer sealing life
- Greater corrosion resistance
- Larger sealing surface
- Slot and external hex for easier installation
- EPDM replacement grommet — G-551
- Grommet has better tear resistance
- Grommet must be used on TV-550 Series only, not for use on 540 valve series

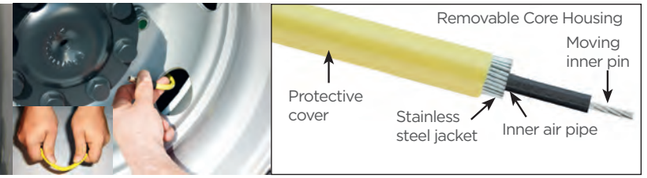
GROMMET SEAL VALVES FOR ALUMINUM TRUCK WHEELS (9.7MM VALVE HOLE)

HALTEC NO.	VALVE TR NO.	A HEIGHT	BEND ANGLE	B LENGTH	HEX NUT
TV-552	552	1.26	-	-	HN-22
TV-553	553	2.4	-	-	HN-22
TV-553C	553C	.93	45°	1.43	HN-22
TV-553D	553D	.98	60°	1.38	HN-22
TV-553E	553E	.98	75°	1.38	HN-22
TV-554C	554C	.98	45°	1.94	HN-22
TV-554D	554D	.98	60°	1.94	HN-22
TV-555D	555D	.98	60°	2.6	HN-22
TV-555E	555E	.98	75°	2.6	HN-22
TV-556E	556E	.98	75°	3.35	HN-22

AIR-FLEXX VALVE EXTENSIONS



Conventional extensions hold the full air pressure in the extension chamber. Damage to the extension through wear or accident may mean the loss of a tire.



Air-Flexx valve extensions are flexible but rigid enough to be used without a rim holder, clamp or stabilizer.



Use with a DS-1 flow-through valve cap to save time



HE-341



HE-343



HE-345

Air-Flexx valve extensions are flexible but rigid enough to be used without a rim holder, clamp or stabilizer saving time and money. The extension withstands severe cold and heat without becoming brittle. The plastic casing will not corrode. The pin in the extension opens the tire valve only when checking pressure or inflating. If the extension is cut in half or broken no pressure is lost from the tire.

HALTEC NO	APPLICATION	LENGTH
HE-340	Steer & Single Wheels with Hubcaps*	2 15/16" (75mm)
HE-341	Steer & Single Wheels with Hubcaps*	3 5/16" (85mm)
HE-342	Inner Dual Tires or Steer & Single Wheels with Hubcaps*	4 1/8" (105mm)
HE-343	Inner Dual Tires*	5 11/16" (145mm)
HE-344	Inner Dual Tires*	7 1/4" (185mm)
HE-345	Inner Dual Tires*	8 7/16" (215mm)
HE-346	Inner Dual Tires or Spare Wheels**	12 3/8" (315mm)
HE-347	Inner Dual Tires or Spare Wheels**	16 5/16" (412mm)
HE-348	Inner Dual Tires or Spare Wheels**	39 3/8" (1000mm)

* No need for clamp, holder or stabilizer
** For use on spare wheels with angled extension of 45°, 90°, 135° or 180°

TRUCK VALVE EXTENSIONS

HALTEC NO.	DESCRIPTION	COLLAR TYPE	EFFECTIVE LENGTH
HE-369	Truck Extension	Short 3/8"	1 3/8"
HE-370	Truck Extension	Short 3/8"	2"
HE-371	Truck Extension	Short 3/8"	2 15/16"
HE-372	Truck Extension	Short 3/8"	3 15/16"
HE-373	Truck Extension	Short 3/8"	5 1/8"
HE-389	Truck Extension	Long 1"	1 1/16"
HE-390	Truck Extension	Long 1"	2"
HE-390A	Truck Extension	Long collar	2"
HE-391	Truck Extension	Long 1"	2 15/16"
HE-391A	Truck Extension	Long collar	2 15/16"
HE-392	Truck Extension	Long 1"	5 1/8"
HE-392A	Truck Extension	Long collar	5 1/8"
HE-393	Truck Extension	Long 1"	6"
HE-393A	Truck Extension	Long collar	6"
HE-394	Truck Extension	Long 1"	8.0"
HE-395	Truck Extension	Long 1"	10.0"
HE-396	Truck Extension	Long 1"	12.0"
HE-397	Truck Extension	Long 1"	14.0"
HE-4430	Truck Extension	Long 1"	4"
Standard Style	-	-	-
HE-381	Truck Extension	Long 1"	3 1/16"
HE-382	Truck Extension	Long 1"	5 1/16"
HE-383	Truck Extension	Long 1"	6 1/16"

*DS-1 cap compatible with all extensions

HE-370 SERIES LIGHTWEIGHT EXTENSIONS

Series has the short collar for use on tube-type or tubeless valves. Available in 2"-3"-4" and 5" effective lengths. Has a double seal feature to assure a positive seal. .305-32 cap thread.



HE-370



HE-371

HE-380 SERIES STRAIGHT METAL EXTENSIONS

These screw on the standard valve stem (.305-32 cap thread) and make the valve mouth accessible for service. .305-32 cap thread.



HE-383

HE-390 SERIES LIGHTWEIGHT EXTENSIONS

Lightweight extensions are the s as above except with a long collar.



HE-391

HE-390A SERIES LIGHTWEIGHT ALUMINUM EXTENSIONS

Extremely light weight aluminum extensions.



HE-390A

ALCOA STABILIZER & EXTENSION KIT

Proper air pressure is the most important factor in lengthening tire life. On dual wheel assemblies, the inner dual is many times overlooked or improperly serviced. The Alcoa Extension and Stabilizer Kit allows access to the inner dual tire valve and properly positions and supports the extension for servicing. The stabilizer reduces the road vibration on the extension and practically eliminates valve stem breakage caused by vibration.

ALCOA STABILIZER

HALTEC NO.	FITS ALCOA WHEEL SIZE	DIAMETER HAND HOLE	HOLE POSITION
FCSTBL	Freightliner, 19.5	Custom	Center
H-2125	19.5"	1.50"	Center
H-2126	19.5"	1.50"	Off-Center
H-2127	22.5 x 9.0	1.50"	Center
H-2225	22.5"	2.00"	Center
H-2245	24.5"	2.19"	Off-Center
H-2227	22.5"	2.50"	Center
H-2228	Peterbilt	Oval	Center
H-2247	24.5"	2.375"	Off-Center
H-27245	24.5	Hand Hole2.69"	Off-Center
H-8864	22.5" & 24.5	2.50"	Off-Center
H-8964	Prevost	2.00"	Off-Center
H-2248	Freightliner	1.3125"	Center
MNCSTBL	Monaco Coach	Custom	Off-Center
ULTRASTB	Ultra	Custom	Off-Center



245392

STABILIZER & EXTENSION KIT

HALTEC NO.	STABILIZER (2)	EXTENSIONS (2)
125392	H-2125	HE-392
126392	H-2126	HE-392
127392	H-2127	HE-392
127393	H-2127	HE-393
225392	H-2225	HE-392
225393	H-2225	HE-393
227392	H-2227	HE-392
227393	H-2227	HE-393
245392	H-2245	HE-392
247392	H-2247	HE-392
257392	H-2257	HE-392



FCSTBL



H-2225



MNCSTBL

TECH TIP

HALTEC'S DS-1 FLOW-THROUGH CAPS WILL INCREASE THE SPEED WITH WHICH YOUR FLEET DRIVERS AND MAINTENANCE TECHNICIANS COMPLETE THEIR TIRE MAINTENANCE. ALLOWS INFLATION AND DEFLATION AND PRESSURE CHECKS THROUGH CAP.







DS-1



DS-1G



HE-201



HE-200



HE-204



FE-300-L

10171 Clamp



SFE-400-L

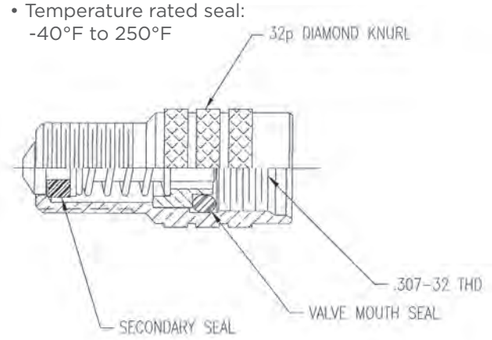
621-5 Clamp Available

DOUBLE SEAL CAP DS-1

The DS-1 flow-through valve cap is designed for high pressure truck tire service. Seals like a high pressure valve cap, yet offers the convenience of an inflate through extension. It also performs like a check valve- the seal becomes tighter in the event of a core failure. The DS-1 reduces pressure check time by 65% offering an efficient money and labor savings alternative to the common valve cap. The heat resistant grommets provide additional protection for the extended high temperature running. The DS-1 consists of a tough, all metal housing, precision fit brass components, and durable self-sealing O-ring.

Benefits:
- Inflate directly through sealing cap
- Reduces time and labor
- No lost valve caps

Technical Specifications:
- Overall length 7/8"
- Temperature rated seal: -40°F to 250°F



BENT EXTENSIONS FOR STANDARD BORE VALVES

HALTEC NO.	BEND	EFFECTIVE LENGTH	VERTICAL LENGTH
HE-200	90°	1 3/8"	3/4"
HE-201	45°	1 3/8"	3/4"
HE-202	135°	1 3/8"	15/16"
HE-203	24°	5 7/16"	N/A
HE-204	180°	1 7/16"	1/2"
HE-207	35°	4"	1 1/4"

DUAL WHEEL FLEXIBLE VALVE EXTENSIONS FE-300-LENGTH

This extension provides easy access to the inner dual tire found on campers, recreational vehicles, and light trucks. Fits standard valve cap threads. Comes with clamp to secure extension to wheel cut-out. 2 extensions per pack. Standard effective lengths are 7" and 9". Effective to 200 PSI Also available, clamp part number FE-300CL, which clamps directly to the lug nut. Other lengths available upon request.

SFE-400-LENGTH

Similar to the FE-300 series except has steel braid over rubber hose.

HIGH-PRESSURE SHOCK STRUT VALVES

USA DESIGNED ENGINEERED & MANUFACTURED

Constructed of stainless steel bodies for use in high-pressure shock absorber units, hydraulic pressure accumulators, surge cylinders, and high-pressure pneumatic systems. Valves have 1/2" - 20 U.N.F. - 3A threads for connection to container.

H-7607 SHOCK STRUT VALVE

For operating pressure to 2,000 PSI. Conforms to AN-812-1.

H-4361 SHOCK STRUT VALVE

For operating pressure to 3,000 PSI. Conforms to AN-6287-1.

H-798 SHOCK STRUT VALVE

For use on shock struts where operating pressure is rated for 5,000 PSI. Conforms to MS-28889-2



H-7607



H-4361



H-798

H-6116B

Fits .305-32 thread size with 1/8" NPT female connection with 70° bend. Equipped with hard fiber sealing washer. Used up to 5000 PSI working pressure.



H-6116B

H-6116

Same as H-6116B except has straight extension.



H-6116

5007

Fits .305-32 thread size with 7/16-20 thread for 1/4" flare tube fitting. Meets MS 33656E4. Maximum pressure rating is 15,000 PSI. Recommended torque 75 in-lb for steel valves. Has copper sealing washer.



5007

HIGH-PRESSURE INFLATING CONNECTIONS

H-556

Fits .305-32 thread size with 1/8" NPT male connection. Has core depressor pin, and copper sealing washer. Maximum working pressure 3000 PSI.



H-556

H-2755

Fits .305-32 thread size with 3/8-24 thread for 3/16" flare tube fitting, meets MS336556E3. Has core depressor pin and copper sealing washer. Maximum working pressure 3000 PSI.

2755L LARGE BORE HIGH-PRESSURE INFLATING CONNECTION

Fits .482-26 thread size with 3/8-24 thread for 3/16" flare fitting. Has core depressor pin and copper sealing washer. Maximum working pressure 3000 PSI.



H-2755



2755L



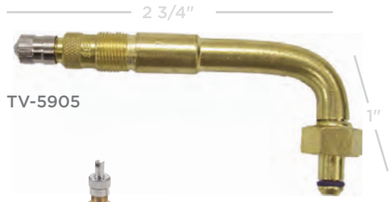
TV-621A | TV-618A-SS Stainless Steel | TV-618A | TV-619A

AIR LIQUID VALVES FOR TRACTOR AND ROAD GRADER SERVICE

HALTEC NO.	TR NO.	A	B	BEND ANGLE	VALVE HOLE
TV-618A	TR-618A	1 7/8"	-	-	0.625"
TV-618B	TR-618B	1 1/2"	-	-	0.625"
TV-618RB	-	1 1/2"	-	-	0.625"
TV-618A-SS	~~TR-618A-SS~~	1 7/8"	-	-	0.625"
TV-619A	TR-619A	1 7/8"	-	-	0.812"
TV-621A	TR-621A	1 1/2"	3	65°	0.625"
TV-622A	TR-622A	1 3/4"	4 1/2	90°	0.625"
TV-623A	TR-623A	1 1/2"	2 1/4	65°	0.625"
N-1000	-	1 7/8"	-	-	0.812"
H-50	TR-F910B	1 13/16"	-	-	0.812"

TV-5905 AIR/ LIQUID EXTENSION

Used with tractor or grader valve stems.
90 degree angle for more accessible valve.



TV-5905



TV-218R

TRACTOR AND GRADER TUBE

HALTEC NO.	TR NO.	BASE DIAMETER	CORE HOUSING	VERTICAL HEIGHT	VALVE HOLE
TV-218R	TR-218A	2 1/2"	TV-CH-3	1 7/8"	0.625"
TV-220R	TR-220A	2 1/2"	TV-CH-3	2 15/16"	0.625"
TV-916R	TR-916A	3 1/4"	R-372	1 7/8"	0.812"

Valve assembles with removable core housing for liquid fill. Has Vulc-on back to allow field repair.

B9A BUSHING ASSEMBLY

Fits over TR-218A and TR-220A valves to allow use of valve in the 13/16" valve hole. Consists of B9-1 bushing and B9-2 nut.



B9-1 | B9-2 | B-6 | LN-10

LN-10 PLASTIC RIM NUT

Rim nut for tractor tube valves TR-218A and TR-220A. For brass rim nut, order **LN-10B**. See page 57 for TL-LN-10 installation tool (only fits LN-10).

B-6 BUSHING

Fits over TR-13 tube valve when used in 5/8" valve hole.

CORE HOUSING

TV-CH-1

Fits old style TR-218 and TR-220 valves.



TV-CH-1

TV-CH-3

Fits all fast flow air-liquid valves except Super Large Bore.



TV-CH-3

R-372

Fits SP-816 tube spud and T-81 & C-100 spud.



R-372

RIM HOLE PLUGS

P-15 FOR TUBE-TYPE WHEELS

Used to plug 5/8" rim hole and avoid tube "pouching."



P-15

T-30

Used to seal 13/16" rim hole when relocating valve.



T-30

N-1012S

Used to seal 5/8" rim hole when relocating valve.



N-1012S

ALSP

Air-liquid spud plug. Used to replace TV-CH-3 core housing.



ALSP

310 VALVE ADAPTER GUN

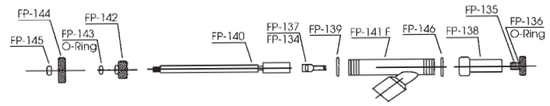
Has a 1/2" female pipe thread and will attach to any calcium tire filling pump. It will extract the valve core from a Standard or Large Bore valve or the core housing from a tractor valve. It will securely hold the valve core or core housing up in the gun body during tire filling or evacuation of liquid from a tire. Due to the design, it will permit faster evacuation of liquid from a tire than with other adapter guns. Replaces Deming #1010.

Parts List:
- FP-134 Large Bore Core Remover
- FP-135 Adapter for Standard Valve (Equipped with FP-136)
- FP-136 O-Ring for FP-135 Adapter
- FP-137 Standard Valve Core Remover
- FP-138 Ejector Union (Equipped with FP-146)
- FP-139 Gasket
- FP-140 Stem
- FP-141F Adapter Body
- FP-142 Stem Sealing Nut
- FP-143 O-Ring for FP-142 (Stem Seal)
- FP-144 Hand Wheel
- FP-145 Lock Nut
- FP-146 Teflon Gasket

310-K Repair Kit Includes:
- FP-134
- FP-135
- FP-136
- FP-137
- FP-143
- FP-146



310



N-1057

Flexible extension for 310 gun.



N-1057

AQF-1 AQUA QUICK FILL HALTEC

Patent No. 5.007.448 Haltec's Aqua Quick Fill is a simple, time-saving tool that allows the user to fill a tractor tire or large off-the-road tire with liquid and do other tasks while the tire is being filled. No longer does the user have to stand by and vent the excess air pressure. With the AQF-1, air is automatically vented through a side port while the liquid is being injected into the tire. When the tire is filled, the water escapes from the vent hole, indicating that the tire is full.



AQF-1

FLUID CONNECTORS

Coupler N-1451, 1/2 NPT female thread. Designed specifically for fluid use.



N-1451



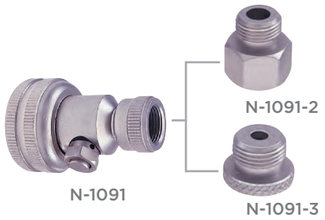
N-1452

NIPPLE N-1452

1/2 NPT male thread. For fluid use.

N-1091 WATER ADAPTER

N-1091 For liquid fill tires.



N-1091-2

N-1091

N-1091-3


A-100-VC-1


A-100-VC-1-FC


A-144


A-145

VALVE CORES

HALTEC NO.	TIRE & RIM NO.	DESCRIPTION
A-100-VC-1	C-1	Standard Bore Heat-Resistant Core for Cars, Trucks and Busses
A-100-VC-1-FC	C-1	Standard Bore Heat-Resistant Filter Core for Cars, Trucks and Busses
A-144	C-2	Large Bore Core (long). Fits 305-32 Threads
A-145	C-2	Large Bore Core (short). Fits 305-32 Threads


57TT


89TPMS-CAPG


A-100-VC-2


A-100-VC-3


A-100-VC-8


A-100-VC-8G


A-100-VC-12


DS-1


DS-1G


N-1202

VALVE CAPS (STANDARD BORE)

HALTEC NO.	TIRE & RIM NO.	DESCRIPTION
57TT	-	Short dome cap.
89TPMS-CAPG	-	Chrome-Plated Plastic Hex Cap for TPMS
A-100-VC-2	VC-2	Metal Screwdriver Valve Cap for Removing Valve Cores
A-100-VC-3	VC-3	Metal Dome Valve Cap
A-100-VC-8	VC-8	Plastic Dome Valve Cap
A-100-VC-8G	VC-8	Plastic Green Dome Valve Cap
A-100-VC-12	-	Heavy-Duty Dome Cap for Truck Service. Has Heat-Resistant Sealing Washer.
DS-1	-	Double Seal Valve Cap
DS-1G	-	Double Seal Valve Cap (Green)
N-1202	-	Chrome-Plated Hex Cap


A-148


A-149


A-147


8807N-3


A-150


A-151


A-155

VALVE CAPS (LARGE BORE)

HALTEC NO.	TIRE & RIM NO.	DESCRIPTION
A-148	VC-6	Screwdriver Valve Cap. Fits .482-26 Valve Threads.
A-149	VC-7	Hex Valve Cap for Easy Tightening and Removing with Wrench. Fits .482-26 Valve Cap
A-147	A-10	Dome Cap
8807N-3	VC-4	Screwdriver Cap for 8807N-4 and AD-1 Adapters
A-150	-	Large Bore Short Hex Cap
A-151	-	Used Only with Hydro Inflating Valves.
A-152	VC-10	Large Bore Short Dome Cap
A-155	-	Plastic Large Bore Sealing Cap


AD-1


8807N-4

VALVE ADAPTERS

AD-1
Adapts Large Bore valve down to Standard Bore. Fits in 305-32 valve core threads.

8807N-4
Adapts Large Bore valve down to Standard Bore. Fits over .485-26 valve cap threads.

GROMMETS

HALTEC NO.	TIRE & RIM NO.	FITS	TEMP. RATING	USED ON
5976-5	RG-54	.453 Valve Hole	-60 - 250° F	TV-416, 416L, 6008
5976-6	RG-39	.625 Valve Hole	-60 - 250° F	TV-416, 416L
G-160	RG-22	.812 Valve Hole	-60 - 250° F	H-41, T-81, T-30, DS-385, DS210
G-162	RG-16	.812 Valve Hole	-60 - 250° F	Turret Valves, PB-210, H-1000
G-165	-	.812 Valve Hole	-60 - 250° F	K-431, K-665
G-166	RG-7	.625 Valve Hole	-60 - 250° F	TV-618, 621A, 622A, 623A
G-170	RG-15	.625 Valve Hole	-60 - 250° F	TV-500 Series, TV-570 Series
G-170S	RG-15	.625 Valve Hole	-75 - 400° F	Heat-Resistant Grommet for TV-570 Series
G-172	RG-46	.625 Valve Hole	-60 - 250° F	TV-509, 510, 511
G-174	RG-48	.625 Valve Hole	-60 - 250° F	TV-513, 515
G-550	RG-70	9.7mm Valve Hole	-20 - 400° F	Fits TV-550 Series
G-551	RG-70	9.7mm Valve Hole	-40 - 250° F	Fits TV-550 Series

HEX NUTS

HALTEC NO.	TIRE & RIM NO.	FITS	USED ON
451	HN-15	11/16-16	H-41, T-30
452	-	.485-26	K-431
463	-	-	753S, 810F (Jam Nut)
464	HN-1	.485-26	L.B. Valves, 753S, 810F, 867,TV-618A, 621A, 622A, 623A
10071	HN-13	.406-26	TV-500 Series, TV-570
B-222	HN-80	11/16-24	M-1900, M-1950, H-4000, MR-800, MR-850, T-81
B9-2	LN-13	11/16-24	B9A Assembly
HN-17	HN-17	.406-28	TV-509, 510, 511
HN-18	HN-18	.406-28	TV-513, 515
HN-21	HN-21		TV-540 Series
HN-22	HN-22	.375-32	H-543C, TV-540, TV-550 Series
LN-1	HN-2		FE-300 Series
HN-23	HN-23	.375-32	70MS-7

O-RINGS

HALTEC NO.	TIRE & RIM NO.	TEMP. RATING	USED ON
O-320	-	-40 - 250° F	Swivel Valves, H-43, H-42
O-330L	RG-60	-75 - 400° F	TR-540 Series Valves
10008	-	-40 - 250° F	T-670
10009	-	-40 - 250° F	M-5000
A-126	-	-40 - 250° F	R-762S, R-525 & SLB Angle Connections
A-127	-	-40 - 250° F	R-520, R-372, R-521
A-128	-	-40 - 250° F	DS-215, DS-226

WASHERS

HALTEC NO.	TIRE & RIM NO.	FITS	USED ON
453	-	11/16-24	K-431, K-665
10058	RW-8	.406-28	TV-500 Series, TV-570 Series
10058B	RW-8	.406-28	TV-500 Series, TV-570 Series
RW-13	RW-13	.410-28	TV-416
W-1101-1	RW-11	.485-26	TV-618A, TV-621A, 622A, 623A


5976-5


G-550

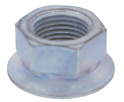

G-551


G-170


G-170S


G-172


G-162


HN-18


464


HN-22


LN-1


O-330L


10058
Nickel Plated
Brass


10058B
Brass


W-1101-1


TV-400


TV-399


TV-401


TV-402


H-47






HX-44



HX-24

TANK VALVES

Utilized on pressure containers where gauging or servicing may be required. Tank valves are used with various gases, fluids, and operating pressures. For specific application, please contact Haltec for technical assistance.

HALTEC NO.	OAL	BASE THREAD	CAP THREAD	HEX SIZE
TV-399	1 5/16"	1/8" NPT	.305-32	7/16"
TV-400	1 5/16"	1/4" NPT	.305-32	9/16"
TV-401	27/32"	1/8" NPT	.305-32	7/16"
TV-402	1 5/16"	1/8" NPT	.305-32	7/16"
H-47	1 19/32"	1/4" NPT	.482-26	9/16"
TV-400S	1"	1/4" NPT	.305-32	9/16"

RADIAL TIRE BEAD SEATERS

One-piece rubber tube for mounting hard-to-seat radial, bias belted, or conventional truck tires. As the tire is inflated, the lubricated bead seater forms a seal between the rim and tire allowing the air pressure to force the beads into the rim flange. As proper pressure is reached, the bead seater slides out and over the rim.

FOR TRUCK TIRES:

TC-30 for 13" Rims
TC-40 for 14-15" Rims
TC-50 for 16.5" and 17.5" Rims
TC-60 for 19.5" Rims
TC-63 for 20" Rims
TC-70 for 22.5" and 24.5" Rims

FOR PASSENGER TIRES:

PC-1 for 13" Rims
PC-2 for 14" and 15" Rims
PC-3 for 15" Rims
PC-4 for 17" Rims
PC-5 for 18" Rims
PC-6 for 20" Rims
PC-7 for 12" Rims

Note: OSHA regulations require that service personnel use a clip-on air chuck with an inline inflator at a recommended distance that keeps the employee out of the trajectory of the tire and rim. After beads are seated, put tire and rim into approved inflation cage and continue to inflate to prescribed air pressure.

RIM GUARD HX-44

Protection cover for aluminum and chrome bolt hole areas while using an impact wrench.

WHEEL SHIELD HX-24

Protection cover for aluminum and chrome wheels. Snaps into place. Shows proper torque sequence numbers for wheel nuts.

DUAL FOOT TRUCK SERVICE GAUGE

Haltec offers a wide variety of service gauges to accommodate the numerous tire and wheel configurations encountered by the service personnel. Choose the gauge that best fits your particular needs.

HALTEC NO.	OPERATING RANGE	INCREMENTS	BAR	CHUCK STYLE	FINISH
DT-150	0-150 PSI	.5 PSI	N/A	Angled Chuck	Chrome
GA-135	10-150 PSI	2 PSI	Nylon	Angled Chuck	Chrome
GA-135S	10-150 PSI	2 PSI	Metal	Angled Chuck	Chrome
GA-140	10-160 PSI	2 PSI	Nylon	Angled Chuck	Chrome/Poly
GA-155	10-150 PSI	2 PSI	Nylon	Straight-on 30° Reverse	Chrome
GA-155S	10-150 PSI	2 PSI	Metal	Straight-on 30° Reverse	Chrome
GA-155S-RCL**	10-150 PSI	2 PSI	Metal	Straight-on 30° Reverse	Chrome
GA-165*	10-150 PSI	2 PSI	Nylon	Straight-on 30° Reverse	Black Polyurethane
GA-165S-RCL**	10-150 PSI	2 PSI	Nylon	Straight-on 30° Reverse	Chrome
GA-175*	10-150 PSI	2 PSI	Nylon	Angled Chuck	Black Polyurethane
GA-185	10-150 PSI	2 PSI	Nylon	Straight-on 180° Reverse	Chrome
GA-185S	10-150 PSI	2 PSI	Metal	Straight-on 180° Reverse	Chrome
GA-189S-RCL**	10-150 PSI	2 PSI	Metal	Straight-on 30° Reverse	Aluminum

**Recalibratable, *Extended Head
Note: DT-150 uses CR-2032 battery

DUAL FOOT TRUCK HIGH-PRESSURE GAUGE

HALTEC NO.	OPERATING RANGE	INCREMENTS	BAR	CHUCK STYLE	FINISH
GA-130	20-120 PSI	2 PSI	Nylon	Angled Chuck	Chrome
GA-150	20-120 PSI	2 PSI	Nylon	Straight-on 30° Reverse	Chrome
GA-160*	20-120 PSI	2 PSI	Nylon	Straight-on 30° Reverse	Black Polyurethane
GA-170*	20-120 PSI	2 PSI	Nylon	Angled Chuck	Black Polyurethane

*Extended Head

TGG-1 TIRE GAUGE GRIP

Allows a positive grip on your gauge during inclement weather conditions and serves as a protective cushion should the gauge be inadvertently dropped. Can be used on all dual foot truck service gauges.

GA-155S-RCL-HD CHROME DUAL FOOT METAL BAR SERVICE GAUGE

Chrome body. Easy to read metal slide bar. Calibrated 10-150 PSI. Straight on 30° reverse head for hard-to-reach valves. Built to withstand harsh working conditions.


DT-150


GA-135


GA-140


GA-155


GA-165


GA-175


GA-185


GA-189S-RCL


GA-130


GA-150


GA-160


TGG-1







GA-146



GA-125

PENCIL TIRE GAUGES

Haltec Pencil-Type Tire Pressure Gauges have a highly polished finish with an easy-to-read, 4-sided nylon indicating bar and a handy pocket clip. NOTE: All pencil gauges have a chuck guide to assure the gauge fits squarely on the tire valve. This prevents air leakage and guarantees accurate pressure readings.

HALTEC NO.	OPERATING RANGE	INCREMENTS	BAR	SERVICE	FINISH
GA-100	1-20 PSI	1/2 PSI	Nylon	Garden Tractors, ATV's	Chrome
GA-105	10-50 PSI	1 PSI	Nylon	Passenger Tire	Chrome
GA-110M	10-50 PSI/73-325 kPa	1 PSI	Nylon	Passenger Tire	Chrome
GA-115	20-120 PSI	2 PSI	Nylon	Truck High Pressure	Chrome
GA-120M	20-120 PSI/150-800 kPa	2 PSI	Nylon	Truck High Pressure	Chrome
GA-125	5-45 PSI	1 PSI	Nylon	Air-Liquid Tires	Chrome
GA-145	10-75 PSI/70-500 kPa	1 PSI	Nylon	Radial & Spare Tire	Chrome
GA-146	20-90 PSI	1 PSI	Nylon	Radial & Light Truck	Chrome



GA-100DIS
Colorful display of 10 gauges of our GA-100 model

GA-105DIS
Colorful display of 10 gauges of our GA-105 model

GA-115DIS
Colorful display of 10 gauges of our GA-115 model

Private Label Gauges Available. Call For Details.
1-800-321-6471



GCS-A

GCS-A GAUGE CHECK STATION
Large 4" liquid-filled gauge with 2 lb graduated increments. Pressure gauge provides clear pressure readings for greater test accuracy. Has one standard bore and one large bore port. Accuracy ±1% full scale. Maximum operating pressure 160 PSI. Reads PSI and KPA. Includes inline filter and drain cock. Stainless steel construction.
Dimensions consists of 8 3/8" W x 7" H x 5" D.

GCS-DSB GAUGE CHECK STATION
Same as the GCS-A but features two standard bore ports.

GCS-D DIGITAL GAUGE CHECK STATION

DIGITAL AIR GAUGES

HALTEC NO.	OPERATING RANGE	INCREMENTS (PSI)	APPLICATION
GA-850-330	0-160	0.5	Standard Bore air gauge w/CH-330 dual foot air chuck
GA-850-350	0-160	0.5	Standard Bore air gauge w/CH-350 dual foot air chuck
GA-850-370	0-160	0.5	Standard Bore air gauge w/CH-370 dual foot air chuck
GA-850-377S	0-160	0.5	Fits Large Bore Digital Air Gauge with 377S air chuck
DT-105	0-100	0.5	Standard Bore digital air gauge

Note: All gauges use a CR-2032 battery



DT-105



GA-850-370

DIAL AIR GAUGES

HALTEC NO.	OPERATING RANGE	INCREMENTS (PSI)	APPLICATION
GA-274	0-160	5	14" Standard & Large Bore Air Liquid Gauge
GA-276	0-160	5	18" Standard & Large Bore Gauge w/Extension Handle & bleeder valve
GA-280	0-160	1	12" Standard Bore Air Master Gauge; equipped with CH-335OP dual foot air chuck
GA-285	0-160	5	10" Standard & Large Bore Dial Gauge with Rigid Extension
GA-289	0-160	5	Replacement Dial Gauge
GA-290	0-160	1	12" Standard & Large Bore Air Master Gauge equipped with recalibration feature
GA-300-377	0-160	2	15" Large Bore air gauge with built-in filter and accessible reservoir for easy cleaning
N-1055	0-160	5	12" Standard Bore Air Gauge; equipped with an CH-335 dual foot air chuck
N-1510	0-160	5	Cap Gauge; screws onto Large Bore & Super LargeBore valves for inspection of tire pressure



GA-276



N-1510



GA-290



GA-289

GA-285



GA-280



GA-274



GA-300-377



N-1055



N-1420H


GA-190


GA-190S



DT-190-32


GA-240


GA-250


GA-255


GA-255S-RCL




N-1410

N-2017


5131

N-1420H TRUCK TREAD DEPTH GAUGE
Calibrated in millimeters and 1/32", measures not only shoulder wear but tread depth. Its durable metal construction can be custom imprinted. The gauge also comes in a pocket-size, clear protective plastic pouch.

GA-190 TIRE TREAD DEPTH GAUGE
Quickly and accurately measures how much tread is left on tire. Calibrated in 1/32" units and mm. Chrome-plated brass with pocket clip.

GA-190S TIRE TREAD DEPTH GAUGE
With aluminum body, calibrated 1/32".

DT-190-32 DIGITAL TREAD DEPTH GAUGE
Displays tread depth in millimeters, inches, and fractions, calibrated 1/32". Easy to read LCD screen. Zero function allows for a zero gauge at any time for quick and accurate readings.

LARGE BORE GAUGES

These gauges work with all Large Bore, Super Large Bore, Z-Bore, and Mega Bore products.

GA-240 STRAIGHT PENCIL GAUGE
Straight-on chuck fits Standard and Large Bore valves. Calibrated 20-120 PSI in 2 lb increments. Furnished with pocket clip.

GA-250 HIGH PRESSURE GAUGE
10-150 lbs in 3 lb units. For Standard and Large Bore valves. Has nylon indicating bar and Haltec Posi-Seal washer.

GA-250S
Same as above with metal indicating bar.

GA-255 LARGE BORE SWIVEL FOOT GAUGE
Quality Features:
- Nickel-plated brass
- Nylon slide bar. Easy to read
- Calibrated 10-150 in 2 lb units
- Swivels 360˚ for those hard-to-reach valves. Haltec Posi-Seal replacement washer (10095) available.

GA-255S
Same as above with metal indicating bar.

GA-255S-RCL LARGE BORE SWIVEL GAUGE — RECALIBRATABLE
Recalibratable. Same description as GA-255S, see above.

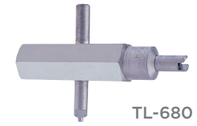
N-1410 OFF-HIGHWAY TIRE TREAD DEPTH GAUGE
Indicating bar is calibrated with 1/32" on one side, other side is millimeters. Has magnified sight-glass for easy readability. Comes with a carrying holster. The finest instrument available.

NEW

N-2017 OFF-HIGHWAY TIRE TREAD DEPTH GAUGE
Same as the N-1410, but does not have magnifying site glass.

5131 OFF-HIGHWAY TREAD DEPTH GAUGE
Two piece gauge made up of slide tube and indicator. Calibrated 0-6" in 1/32" units and 7-152 mm metric. Tubing spans tread lugs on off-road tires.

TL-680 THREE-WAY LARGE BORE TOOL
For removing large bore cores, hex caps, and screw driver caps.


TL-680

TL-690 FOUR-WAY LARGE BORE CORE TOOL
Thread repair for core and cap threads and core remover. For Large Bore and Super Large Bore.


TL-690

TL-695
The TL-695 is a four-way tool that repairs the internal and external threads on air-liquid valve spuds. It also is a Large Bore valve core insertion tool, and it repairs internal and external threads.


TL-695


ASP-10

ASP-10 DEFLATION ASPIRATOR
Tube deflation aspirator for Large Bore.

N-1610 LARGE BORE CORE TOOL
Large bore core tool, equipped with sliding sleeve which holds the core during removal. 5.4" in length.


N-1610

N-1710 LARGE BORE CORE TOOL
Special valve core screwdriver tool. Sliding sleeve allows positive grip on valve core for those hard-to-reach valves. 10" in length.


N-1710

N-1810 LARGE BORE HEX CAP REMOVER
With plastic handle for positive grip — OAL 10".


N-1810

N-1910 LARGE BORE CORE REMOVER
Has plastic handle for positive grip — OAL 6".


N-1910

TL-631 SUPER LARGE BORE RETHREADING TOOL
Used to rethread 11/16" - 24 thread on any Super Large Bore valve.


TL-631

TL-LN-10
The TL-LN-10 is a nut driver that installs the LN-10 nut onto the TV-218A/TV-220A tractor tire valve.


TL-LN-10

8909-C
Guides, aligns, and holds Large Bore valve through rim hole while mounting the tire.


8909-C


322


326


377


328


H-4660A


10013


CH-425


LBTK-1

LARGE BORE AIR CHUCKS

322 LARGE BORE DUAL FOOT AIR CHUCK
45˚ angle chuck allows easy access to the tire valve. Has 1/4" NPT female thread.

326 SCREW-ON AIR CHUCK
Has .485-26 internal thread and 1/2" NPT external thread. Full flow for seating of tire beads.

377 LOCK-ON AIR CHUCK (LONG)
Chuck locks on valve when cocked on threads. Has greater air flow and seat cannot be blown out if seal fails. Has 1/4" NPT female thread. Replacement washer 313. Also for use with Super Large Bore.

328 LOCK-ON AIR CHUCK (SHORT)
Chuck locks on valve when cocked on threads. Has greater air flow and seat cannot be blown out if seal fails. Has 1/4" NPT female thread.

H-4660A CLIP-ON AIR CHUCK
Securely locks onto valve when sleeve is pushed forward, releases when sleeve is pulled back. Has 1/4" NPT female thread.

H-4660B CLIP-ON AIR CHUCK
Same as H-4660A with a higher durometer seal.

10013 LARGE BORE SCREW-ON CHUCK
Fits 3/8" ID air hose. Screws on to Large Bore Valves. Open and close the valve core by turning the knob on top of the chuck.

CH-425 SCREW ON AIR CHUCK
Screws onto large bore valves. Designed for aviation inflation. Has 1/4" NPT female thread. Maximum working pressure up to 300 psi.

LBTK-1 — LARGE BORE TOOL KIT
Kit contains the 5131, TL-690, H-4660A, N-1910, GA-255S-RCL, 8909-C, N-1710, and N-1810.

SAFETY!

THESE PRODUCTS, AS WELL AS ALL TIRE TOOLS, SHOULD NEVER BE USED BY PERSONS UNLESS THEY HAVE BEEN TRAINED PROPERLY ACCORDING TO OSHA REGULATION #29CFR 1910.177 ENTITLED "SERVICING SINGLE-PIECE & MULTI-PIECE RIM WHEELS."

CH-315 BALL FOOT AIR CHUCK WITH CLIP
3/4" hex, with 1/4" NPT female thread. Heavy-duty spring firmly holds chuck onto valve while inflating tire. **Available for use with tire changers.** Order CH-315-OP.

CH-340 LOCK-ON AIR CHUCK
Securely locks onto valve when sleeve is pushed forward. Releases when sleeve is pulled back. 1/4" NPT female thread. **Available for use with tire changers.** Order CH-340-OP.

H-5265
The H-5265 is a specially designed air chuck that locks onto the cap threads of a Standard Bore valve stem when the sliding sleeve is pushed to the forward position. The chuck releases when the sleeve is pulled back. **Available for use with tire changers and auto tire inflators.** Order H-5265 OP.

CH-305
Ball Foot Air Chuck 3/4" hex, brass with 1/4" NPT female thread. **Available for use with tire changers and auto tire inflators.** Order CH-305-OP.

CH-318 CHUCK CLIP
For CH-315 and CH-315-OP.


CH-315


CH-340


H-5265


CH-305


CH-318

EUROPEAN-STYLE CLIP-ON AIR CHUCKS

CH-320
Very similar to our N-1200 European-style clip-on air chuck. This is a closed-type chuck and offers the best seal available. Has serrated shank for 1/4" I.D. hose.

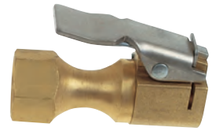
CH-360
This chuck features the popular European-style clip with a brass 1/4" female fitting. Compact, durable, and easy to use, this chuck is available either closed (CH-360) or open (CH-360OP). Use replacement washer LELOC-RUBBER.

CH-360S
Includes all the features of our standard CH-360, with the added benefit of a spring loaded deflector pin. Designed specifically to ensure proper seal closure during multi-tire and nitrogen conversion applications.

N-1199
Fits 3/16" hose. Hose-open style.

N-1200
Fits 1/4" I.D. Hose-open style.


CH-320


CH-360


CH-360OP


CH-360S


N-1199


N-1200



CH-300
CH-300-OP

CH-300

The Haltec CH-300 Lock-On Air Chuck with a small head design makes for easy access to hard-to-reach valves on inside dual wheels. The extended head design improves the lock-on feature. Has 1/4" NPT female threads. 6" long.



CH-330-LO
CH-330-LO-OP

CH-330-LO DUAL FOOT AIR CHUCKS

Straight-on 30˚ reverse angle chuck. Available with the lock-on feature. Has 1/4" NPT female thread. 6" long.

CH-330 Dual Foot Air Chucks: Same as CH-330-LO (above) except without lock-on feature.



CH-333-LO
CH-333-LO-OP

CH-333-LO

Similar to CH-330-LO but with extra long length of 14".



CH-335
CH-335-OP

CH-335 DUAL FOOT AIR CHUCK

Dual foot for hard-to-reach tractor, dual wheel trucks, and bus tires. 1/4" NPT female threads. For standard air line service. 6" long.



CH-345
CH-345-OP

CH-345 REVERSE ANGLE LOCK-ON CHUCK

Reverse angle lock-on chuck allows easy access to outer dual valve. Also available in open version. 12" long.



CH-346
CH-346-OP

CH-346 LONG REACH STRAIGHT LOCK-ON CHUCK

Long reach straight lock-on chuck allows for easy access to inner dual valve. Also available in open version. 12" long.



CH-347
CH-347-OP

CH-347 REVERSE ANGLE LOCK-ON CHUCK

Reverse 15° angle lock on chuck allows easy access to outer dual valve. Also available in open version. 7" long.

CH-350-LO

A new design offers greater durability and is more user friendly on the straight-on and 30˚ reverse angle chuck. This 6" -long chuck finished with an attractive black polyurethane coating has 1/4" NPT female threads.



CH-350-LO
CH-350-LO-OP

CH-355-LO

Similar to CH-350-LO but with extra long length of 14".



CH-355-LO

CH-370-LO

A special air chuck with a straight-on connection and a 180˚ reverse angle chuck allows easier access to valves located in tight, hard-to-reach places. The CH-370-LO is 6" long and has 1/4" female threads.



CH-370-LO
CH-370-LO-OP

SHUR LOCK VALVE CORE TOOLS

A special design allows the valve core to stay attached to the tool after it is removed from the valve. A great tool to keep the valve core from getting dropped or lost.

HALTEC NO.	DESCRIPTION	LENGTH
TL-131	Valve Core Tool for Standard Bore Cores	7/8"
TL-132	Valve Core Tool for Cars	2"
TL-133	Valve Core Tool for Trucks	5 1/4"
TL-134	Valve Core Tool for Large Bore Cores	4"



TL-131



TL-132



TL-134



TL-133



TL-686TR



TL-612



TL-620



TL-625



TL-630



TL-632



TL-633



TL-635



TL-640

TL-686TR VALVE CORE TORQUE TOOL

Tire & Rim Association recommends torque of 3-5 in-lbs. “Slip-Clutch” mechanism in tool slips after proper torque is reached. Prevents over torquing of valve cores. Also use for core removal.

TL-612 STANDARD BORE CORE TOOL

With an overall lengh of 8″ and oversized handle, the Haltec TL-612 provides a firm grip for inserting and removing valve cores.

TL-620 STANDARD BORE CORE TOOL

Plastic handle provides firm grip for inserting and removing valve core.

TL-625 STANDARD BORE VALVE CORE TOOL

How many times have you pushed the valve core tool through your pocket? Here’s a tool with a recessed probe that fits easily in any pocket.

TL-630 HEX NUT DRIVER FOR 500 SERIES TRUCK VALVES

Installation tool for tubeless clamp-in metal valves. Accommodates all lengths of tubeless truck valves including the TV-574.

TL-632 TRUCK EXTENSION SERVICE TOOL

This tool tightens both metric (European) and domestic type extensions. This tool is broached to engage the metric hex at the extension top and will reach the hex on a 7″ U.S.A.-type extension.

TL-633 VALVE CAP TOOL

The TL-633 makes it easy to remove and install valve caps on inside dual wheels. Designed for aluminum wheels with small hand holes, it comes with a protective sleeve to prevent scratching. Also works great at removing tight or cross-threaded caps. Positive hold while valve is serviced. Keeps cap in tool. Lengh 8.25″ without handle.

TL-635 STANDARD BORE VALVE CORE TOOL

Haltec equivalent to Schrader 2688 and Eaton 5406. Tool is made from hex steel, making it very sturdy, yet economical.

TL-640 VALVE CAPPER PRO TOOL

Now easier to check inside dual tire. No more lost caps, holds onto caps for removing and replacing. Designed for use with metal and plastic valve caps. Works with DS-1 flow through cap. Length 11 3/4″.

TL-645 VALVE FISHING TOOL

Combines valve core wrench and deflating pin with flexible cable for fishing valve through rim hole. Available in 24″ - TL-645-24.



TL-645

TL-650 FISHING TOOL

Guides, aligns and holds valve through valve hole while mounting tire. 10″ Length.



TL-650

TL-665 VALVE STEM INSTALLATION TOOL

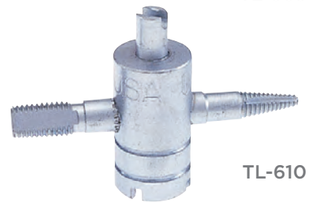
Rugged tool handles any length valve in any size rim. Screws over valve threads and quickly installs valve into valve hole by appyling pulling pressure.



TL-665

TL-610 STANDARD BORE 4-WAY VALVE TOOL

Repairs and reconditions inside and outside valve threads. Inserts and removes cores. Corrosion-resistant, cadmium-plated.



TL-610

TL-615 STANDARD BORE 2-IN-1 VALVE TOOL

Combination valve core remover and deflator. Corrosion-resistant, cadmium-plated.



TL-615

ASP-1 TUBE STANDARD BORE DEFLATING ASPIRATOR

Creates vacuum by screwing aspirator onto valve mouth and applying air chuck to threaded inlet. Fits Standard Bore Valves.



ASP-1

VP-CT VALVE PAL CORE REMOVER TOOL

Designed to fit in the tip of “The Original Valve Pal” to reach the inside dual tire stem.



VP-CT

VP-15 VALVE PAL
VP-8 VALVE PAL JR.

Tool removes and reinstalls standard valve caps.



VP-15

TL-685 CORE INSTALLATION TOOL

5″ length.



TL-685



I-405-3LOM

I-405 INFLATING GAUGE

Meets OSHA Requirements. Inflation unit with in-line gauge. Lightweight aluminum body with brass calibration bar and O-ring seals. Calibrated 10-120 PSI in 2 lb increments — precise inflation control — 1/4" female NPT inlet with CH-360OP clip-on air chuck. Available with hose lengths of 3, 6, 9, and 12ft. Special lengths available upon request. Specify length when ordering.

I-405-LO INFLATING GAUGE

Same as I-405 above except with CH-330-LO lock-on chuck for use on aluminum wheels.

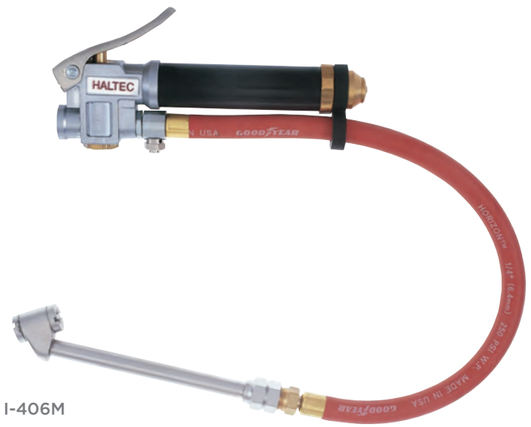


I-440-3

I-440 INFLATING GAUGE

Meets OSHA Requirements. Inflation unit with in-line gauge. Lightweight aluminum body with enclosed gauge bar read through site glass. Calibrated 10-120 PSI in 2 lb increments — precise inflation control — 1/4" female NPT inlet with CH-360OP clip-on air chuck. Available with hose lengths of 3, 6, 9, and 12ft. Special lengths available upon request. Specify length when ordering.

HALTEC NO.	DESCRIPTION	HOSE LENGTH	AIR CHUCK
I-405-3M	Inflator with Clip-on Air Chuck	3'	CH-360OP
I-405-6M	Inflator with Clip-on Air Chuck	6'	CH-360OP
I-405-9M	Inflator with Clip-on Air Chuck	9'	CH-360OP
I-405-12M	Inflator with Clip-on Air Chuck	12'	CH-360OP
I-405-3LOM	Inflator with Lock-on Air Chuck	3'	CH-330-LO-OP-1
I-405-6LOM	Inflator with Lock-on Air Chuck	6'	CH-330-LO-OP-1
I-405-9LOM	Inflator with Lock-on Air Chuck	9'	CH-330-LO-OP-1
I-405-12LOM	Inflator with Lock-on Air Chuck	12'	CH-330-LO-OP-1
I-440-3	Inflator with Clip-on Air Chuck	3'	CH-360OP
I-440-6	Inflator with Clip-on Air Chuck	6'	CH-360OP
I-440-9	Inflator with Clip-on Air Chuck	9'	CH-360OP
I-440-12	Inflator with Clip-on Air Chuck	12'	CH-360OP



I-406M

I-406M INFLATING GAUGE

Has 12" of hose and CH-335 dual foot air chuck to service small diameter wheels. Gauge is calibrated 10-120 PSI in 2 lb increments.

AIR MASTER DIAL GAUGE

Haltec Air Master Dial Gauge comes in a variety of hose lengths and chuck types to meet the varied needs of the tire professional. The inflator is compact with an ergonomic design that makes the gauge comfortable to operate and easy to use. One lever allows the operator to inflate or deflate. The gauge reads from 0 to 170 PSI in 2 lb increments and is also calibrated from 0 to 10 bars in .1 bar increments. The dial gauge is protected with a ribbed rubber shroud.

HALTEC NO.	DESCRIPTION	HOSE LENGTH	AIR CHUCK
I-520	Dial Gauge Inflator	16"	N-1200
I-515-3	Dial Gauge Inflator	3'	CH-360OP
I-515-6	Dial Gauge Inflator	6'	CH-360OP
I-515-9	Dial Gauge Inflator	9'	CH-360OP
I-515-12	Dial Gauge Inflator	12'	CH-360OP
I-530-3	Dial Gauge Inflator	3'	CH-330-LO-OP-1
I-530-6	Dial Gauge Inflator	6'	CH-330-LO-OP-1
I-530-9	Dial Gauge Inflator	9'	CH-330-LO-OP-1
I-530-12	Dial Gauge Inflator	12'	CH-330-LO-OP-1

EUROPEAN MASTER DIAL GAUGE

Similar to the Air Master Dial Gauge, but the gauge reads from 0 to 160 PSI in 2 lb increments and is also calibrated from 0 to 11 bars in .1 bar increments. A lever allows the operator to inflate while a button allows the operator to deflate.

HALTEC NO.	DESCRIPTION	HOSE LENGTH	AIR CHUCK
I-620	Dial Gauge Inflator	16"	N-1200
I-615-3	Dial Gauge Inflator	3'	CH-360OP
I-615-6	Dial Gauge Inflator	6'	CH-360OP
I-615-9	Dial Gauge Inflator	9'	CH-360OP
I-615-12	Dial Gauge Inflator	12'	CH-360OP
I-630-3	Dial Gauge Inflator	3'	CH-330-LO-OP-1
I-630-6	Dial Gauge Inflator	6'	CH-330-LO-OP-1
I-630-9	Dial Gauge Inflator	9'	CH-330-LO-OP-1
I-630-12	Dial Gauge Inflator	12'	CH-330-LO-OP-1

I-450 DIGITAL INFLATION GAUGE

Easy-to-read digital inflation unit calibrated from 0 to 150 PSI in 0.5 PSI increments. Available in a variety of hose lengths and chuck types to meet your needs. Entire body is protected with a rubber cover. The LCD readout is backlit for ease of reading in dark areas and the battery is replaceable.

Powered by 2 AAA batteries (included).

I-6017 INFLATION GAUGE

12" flexible hose with 1/4" NPT inlet and standard bore inflation tip. Precise inflation control, 10-90 lbs in 2 lb increments.

- Chrome-plated body
- Plated steel handle
- All brass internal parts
- Solid brass triangular gauge for easier reading

RI-250-20 REMOTE MOUNT REGULATED INFLATOR

Ideal for wall or post mounting.

- Unattended inflation to set pressure
- Quick disconnect to stop inflation and deflate the tire in an emergency
- On/off ball valve to start and stop inflation
- 1/4" NPT inlet



I-515-6

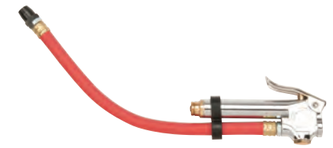
NEW



I-615-6



I-450



I-6017



RI-250-20



I-401

I-401 EXTRA HEAVY-DUTY LARGE BORE INFLATOR WITH STRAIGHT CLIP-ON CHUCK

5′ Large Bore inflator has 1/2″ ball valve with provision for checking air pressure and H-4660A straight lock-on chuck. Rubber hose is 5′ long. Inflator has a 3/8″ ID for maximum air flow. Threaded for 1/2″ male NPT hose fittings.

I-400 LARGE BORE INFLATOR

Same as I-401 except with 10013 Large Bore screw-on chuck.



I-402

I-402 SERIES SAFETY INFLATOR

Available in 3′ and 6′ lengths. Has pressure check valve for exact pressure check with your pencil gauge. Has manual bleeder valve for adjusting tire pressure and CH-360OP flow-through clip-on chuck.



I-404

I-404 HEAVY-DUTY HOSE INFLATOR

Heavy-duty inflator has two separate clip-on chucks with five-foot hoses. One chuck, CH-360, fits standard bore valves and the other, H-4660A, Large Bore Valves. Has spring-loaded, hand-operated valve, and has provisions for checking air pressure during inflation. Threaded for 1/4″ male NPT hose fittings.



I-408

I-408 DUAL TIRE INFLATOR GAUGE

Has 5′ hose to a tee connection, 2′ of hose on each side with 12″ sliding sleeve, lock-on chuck for easy access to inner dual and reverse angle lock-on chuck for outer dual tire. Allows user to engage and disengage chuck quickly. As the same air source serves the unit, both tires are automatically inflated equally. Lock-on chuck fits any standard truck valve stem or the DS-1 double seal cap.



I-409

I-409 LARGE BORE INFLATION GAUGE

Large Bore inflation unit with in-line gauge. Equipped with H-4660A chuck and a 6′ hose. Gauge is calibrated 10-120 PSI in 2 lb increments.

I-350-20

Large Bore inflation unit has 1/2″ ball valve with dial gauge for checking pressure. Equipped with safety coupler for releasing the pressure in case of an emergency. 1/2″ NPT connection, 3/8″ ID for maximum air flow.



I-350-20

I-340-20

Large Bore inflation unit has 1/2″ ball valve with gauging port for checking pressure. Equipped with safety coupler for releasing the pressure in case of an emergency. 1/2″ NPT connection, 3/8″ ID for maximum air flow.



I-340-20

I-496-20 IN-95 INFLATOR W/20′ HOSE

Safely removes operator away from blast zone by using the 20′ hose. Shut-off valve (ball valve) enables operator to stop inflation for proper tire inspection. Includes IN-95 and three additional unions to adapt different sizes, such as SLB, MB & ZB.



I-496-20

TECH TIP

THESE PRODUCTS, AS WELL AS ALL TIRE TOOLS, SHOULD NEVER BE USED BY PERSONS UNLESS THEY HAVE BEEN TRAINED PROPERLY ACCORDING TO OSHA REGULATION #29CFR 1910.177 ENTITLED “SERVICING SINGLE-PIECE & MULTI-PIECE RIM WHEELS.”



OTR-TDT DEFLATION CART

- Deflator greatly decreases the time and money it takes to deflate a large OTR tire
- Operates most effectively when using a compressor producing 155 cfm at 150 PSI
- Comes equipped with heavy-duty axles and flat-free pneumatic tires
- Low-maintenance tool with short term ROI
- Easy-to-service air exhaust muffler
- The tool has been engineered and certified
- Quiet — operates at 80 dB Comes equipped with:
- Cold weather 25′ air line rated for 300 PSI replacing the industry's standard 15′-20′ safety deflation/ inflation air lines being used
- Valve stem adapter — c/w unions for both the SLB and Z-Bore size valve stems
- Weather-guard muffler rain cover



OTR-TDC-SYS DEFLATION CART SYSTEM

- Enclosure protects the deflation equipment from falling debris
- Side and rear vents allow the deflator to release air from within the enclosure
- Sliding control panel door used to protect the gauges and control valves
- Rear vent is removable so that the deflation filters can be cleaned
- Handle is designed to be pulled with a pintle hook or pulled by hand
- Top is designed to be used as a tool or equipment tray
- Optional beacon light to notify the user when the tire is deflated to a safe level



OTR-WALL MOUNT DEFLATOR

- 42″LX 18″ W mounting plate (custom sizes available)
- Equipped with 2 1/2″ PVC coupler on the exhaust side
- Comes with a 20′ reinforced inflation/deflation air line

**Also available for service trucks*



WHAT CAN AN INTELLIGENT TIRE MANAGEMENT SYSTEM DO FOR YOU?

Haltec's Tire Management System – **HaltecGO** integrates advanced tire inspection hardware with a web-based platform, providing small and large commercial fleets with a powerful solution to collect, track, and manage tire data in real time.

HALTECGO HELPS YOU CONTROL COSTS

So don't risk the value of your tire and rim assemblies on inconsistent hardware, our high-quality products and services provide the perfect fit to keep your business running efficiently.
Fleet managers who oversee the deployment of tens, hundreds, or even thousands of trucks know the ins and outs of service and maintenance costs all too well. That's why Haltec's Bluetooth devices and web-based platform allows fleet managers to control, direct and monitor all aspects of their fleet's tires so that they can maximize their investment.
• Increase your labor efficiency by more than 50%
• Reduce operating costs and vehicle downtime
• Custom solutions for small and large commercial
• Mobile apps (Android and iOS) to compliment the web-based solution.

TACTICAL BENEFITS — MANAGE ASSETS NOT EXPENSES

HaltecGo enables highly accurate and real-time tire inspections across fleets of all sizes.

- Tire analysis in an instant — from rapid tread analysis to detailed tire condition data and automated pressure correction
- High-quality tire performance analysis, comparisons and reporting capabilities, while defects and abnormal wear are closely monitored and tracked
- Automatic, Bluetooth-enabled platform increases fleet inspection speed and accuracy



BLUETOOTH TECHNOLOGY

STRATEGIC BENEFITS — MANAGE YOUR TIRE DATA

Get fast, accurate, and real-time auditing reports so you can monitor detailed inspections on the history and current condition of every tire in your fleet.

- Validation of tire management policies to aid in compliance assessments
- Compare and profile the performance of a variety of tire brands in the fleet
- Reduce down time, cut operating costs, delays, fuel consumption, and errors
- Optimize safety and legal compliance, analyze brand performance, track tire costs, wear, and defects over time

SPECIFICALLY, WHO WILL BENEFIT FROM HALTEC'S TIRE MANAGEMENT SYSTEM WITHIN YOUR ORGANIZATION?

Financial officers and business managers can analyze and maximize tire investments, plan tire purchasing strategies, and analyze trends over time for a more accurate determination of asset cost and value.

Fleet managers can track and manage service schedules, minimizing downtime and reducing DOT out of service violations.

Service technicians can use Bluetooth technology to enable fast and accurate data collection without manual entry error.

HALTEC DIGITAL TORQUE WRENCH

The Haltec Digital Torque Wrench streamlines the torque data collection process. The PCFE software displays stored wrench measurements, showing wrench memory location, date and time, and torque value. Eliminate downtime with the Haltec Torque Wrench by adding a spare transducer. Send us the original for calibration and install your spare!



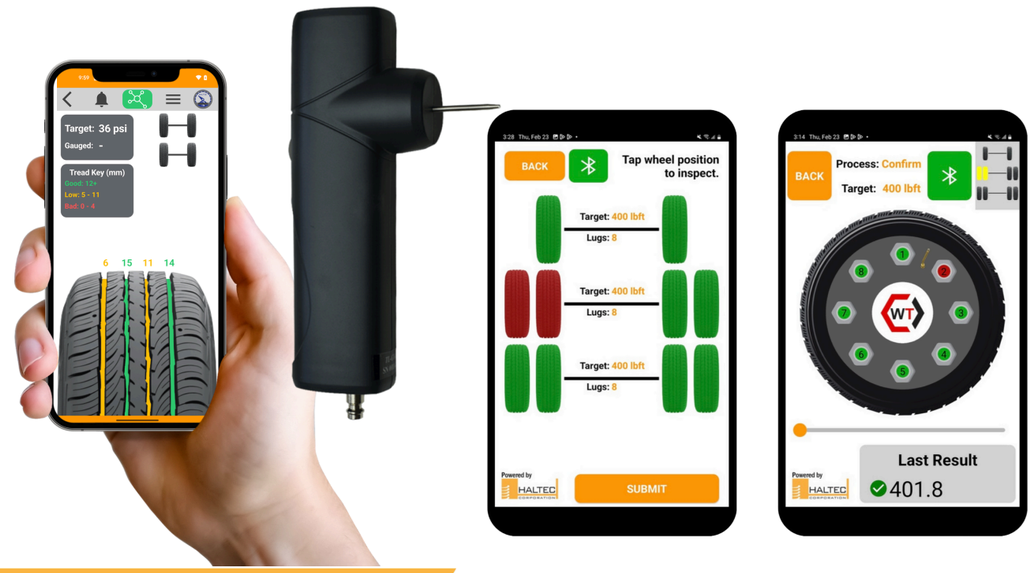
AUTOMATIC TIRE INFLATOR SYSTEMS

STATE OF THE ART

Haltec Automatic Tire Inflators provide precision to maintain properly inflated tires with high speed and accuracy. All Haltec Automatic Tire Inflators are designed to provide safe, efficient and accurate tire inflation. Accurate PSI needs to be the primary objective of every tire inflation/service program. The PSI in the tire needs to be accurate and the method of inflation must be simple and fast.



HALTECGO COMBINES PREMIUM SOFTWARE WITH STATE-OF-THE-ART EQUIPMENT TO DELIVER A TAILORED SOLUTION SPECIFICALLY DESIGNED FOR YOUR ORGANIZATION.





FEATURES AND BENEFITS OF ALL HALTEC AUTOMATIC TIRE INFLATORS

- Custom faceplates with corporate logo and color available
- All Haltec Automatic Tire Inflators can be hardwired and mounted to mobile service trucks
- Systems confirm calibration every six minutes when at idle and every time they are powered on
- All single units are available in 12V, 120V or 240V
- Accurate to +/- .5% full spectrum
- Die cast aluminum housing provides strongest protection and durability to protect against weather and abuse
- International Protection Rating; IP66, provides complete weather protection (except submersions)
- Automatically inflates or deflates to target PSI when attached to tire position
- All systems can be programmed to specific PSI parameters to help organizations better manage consistent and accurate tire inflation
- Can be configured to wirelessly receive/transmit gauged and corrected pressures using the HTMS system via Bluetooth, ZigBee, or hardwired to PC
- All Haltec automatic tire inflation systems are designed to be operated with specified Haltec air chucks
- Nitrogen compatible. PSI is PSI, accuracy is main goal
- All systems allow technician remote control of inflation/deflation process, keeping themselves out of “blast zone” of tire



89XDA AUTOMOTIVE INFLATOR

IDEAL FOR VEHICLE SERVICE CENTERS, AUTOMOBILE DEALERSHIPS, AND RENTAL FACILITIES

- 1/4" inlet & outlet
- Operating range: 5-145 PSI



89MXA INDOOR ONLY INFLATOR

IDEAL FOR TIRE CAGES & TIRE CHANGERS

- Compact design for easy mounting
- 1/4" inlet & outlet
- Operating range: 5-145 PSI



89TOW-3Y MULTIPLE TIRE INFLATION TOWER

NEW

IDEAL FOR MULTIPLE TIRE SERVICING

- 1/4" inlet & outlet
- Operating range: 5-145 PSI
- Inlet pressure gauge
- Also available with communication option: order 89TOW-3Y-COM
- Torque wrench not included





89XDB HIGH VOLUME INFLATOR

IDEAL FOR FLEET OPERATIONS, TIRE SERVICE CENTERS AND TIRE MOUNTERS

- Designed specifically for inflating large OTR tires
- 1/2" inlet/outlet
- Operating range: 5-145 PSI



89XDZ OVER INFLATOR

IDEAL FOR RETREAD CENTERS, TIRE SERVICE CENTERS AND TIRE MOUNTERS

- Leak detection test
- Equipped with emergency stop control
- Dual LCD screens
- 1/2" inlet/outlet
- Operating range: 5-145 PSI
- Up to 29 PSI over inflate feature



89XHB HIGH PRESSURE INFLATOR

SPECIFICALLY DESIGNED TO INFLATE ON 19.5" RIMS AND LARGER OR MULTIPLE TRUCK TIRES

- Equipped with higher rated pressure sensor
- 1/2" inlet/outlet
- Can be adjusted from 5-188 PSI pressure in 1 PSI increments



89XTC TEMPERATURE COMPENSATING INFLATOR

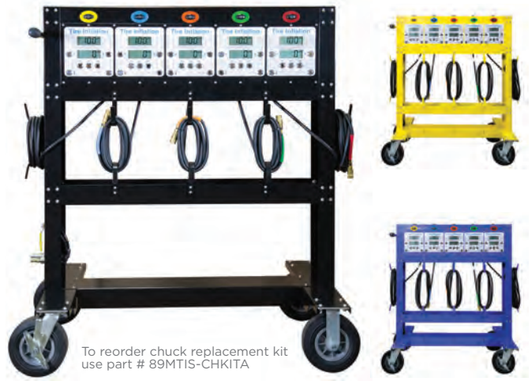
SPECIFICALLY DESIGNED FOR OTR INDUSTRIAL, MINING AND CONTINUOUS OPERATION APPLICATIONS

- 1/2" inlet
- Weather-proof hardware to withstand high impact, heavy use
- Wet and dry tire pressure compensation for normal and liquid-filled tires
- Easily adjustable base/ambient temperature setting to optimize for any environment
- Wireless temperature transmitter
- Operating range: 5-145 PSI

89MTIS-5DS MULTIPLE TIRE INFLATION SYSTEM (5WAY)

IDEAL FOR MULTIPLE TIRE SERVICING.

- Inflates up to five wheels simultaneously at a 5-145 PSI pressure
- Semi-pneumatic locking swivel wheel
- Color-coded 0.25" inflation hose
- 1/2" and 3/8" inlet/outlet
- Suitable for use with standard or large bore valves and core extraction tools
- Inlet pressure gauge
- Dual LCD screens indicate gauged and targeted pressure



To reorder chuck replacement kit use part # 89MTIS-CHKITA

89MTIS-3DS MULTIPLE TIRE INFLATION SYSTEM (3WAY)



To reorder chuck replacement kit, use part # 89MTIS-3CHKITA

89MTIS-3-IP66

SEAMLESS METAL DESIGN AND IP66 RATED INFLATORS FOR OUTDOOR USE



ACCESSORIES

INCLUDED WITH PURCHASE OF SYSTEM:



89HKS-12B

Available in various lengths (by the foot) and colors (blue, green, orange, red, yellow).



89CH-360



ES-301



ES-306



ES-308



89PDI-B

NEW

89PDI-B PORTABLE DUAL SCREEN INFLATOR

IDEAL FOR SERVICE TRUCKS AND OPERATIONS THAT REQUIRE A MOBILE INFLATION SOLUTION

- Durable and lightweight
- 1/4" inlet/outlet
- Operating range: 5-145 PSI
- Integrated suitcase style telescoping handle and wheel assembly allows for easy pull-behind mobility



89-TWIN-DS

89-TWIN-DS DUAL TIRE INFLATION SYSTEM

IDEAL FOR SERVICE CENTERS AND MOUNTING FACILITIES

- Inflates 1-2 wheels simultaneously
- 3 pre-set pressure options with inflation override button
- 1/2" inlet/outlet



89-TWIN-OI

89-TWIN-OI DUAL SCREEN TIRE INFLATION SYSTEM

IDEAL FOR SERVICE CENTERS AND MOUNTING FACILITIES

- Dual LCD screens indicate gauged and target pressure
- 1/2" inlet/outlet
- Operating range: 5-145 PSI
- Leak detection test
- Up to 29 PSI over inflate feature

EASY LOCK AIR CHUCK

SEALS EASY & LOCKS TIGHT ON THE FIRST TRY!

"EASY LOCK" AIR CHUCK

- Easy on/off application, custom coupler lock with slide release
- Automatic locking-design chuck
- Hardened steel pins for increased service life
- Improves seal on DS-1 flow-through caps
- Extended reach for dual wheels
- Available open or closed

USA DESIGNED ENGINEERED & MANUFACTURED

3" CHUCK STRAIGHT



ES-311 CLOSED
ES-312 OPEN

6" CHUCK STRAIGHT



ES-313 CLOSED
ES-314 OPEN

8" CHUCK WITH 15° REVERSE ANGLE



ES-307 CLOSED
ES-308 OPEN

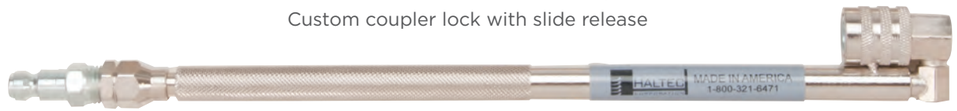
12" EXTENDED CHUCK WITH 15° REVERSE ANGLE



ES-309 CLOSED
ES-310 OPEN

12" EXTENDED AIR CHUCK, WITH 180° REVERSE ANGLE

Custom coupler lock with slide release



ES-300 CLOSED
ES-301 OPEN

12" EXTENDED AIR CHUCK, STRAIGHT



ES-305 CLOSED
ES-306 OPEN

TECH TIP

WHEN OPERATING DUAL WHEELS, AN INFLATION MISMATCH GREATER THAN 5 PSI CREATES SIGNIFICANT DIFFERENCE IN THE CIRCUMFERENCE OF THE TIRES. THE TIRES WILL TRAVEL IN THE SAME DISTANCE IN A SINGLE REVOLUTION, HOWEVER, THE LARGER TIRE WILL DRAG THE SMALLER TIRE, THIS PROCESS RESULTS IN CONSIDERABLY GREATER TREAD WEAR ON THE SMALLER TIRE.

DURING TESTING, THE 5 PSI DIFFERENTIAL BETWEEN THE DUAL WHEELS, CREATED A 5/16" CIRCUMFERENCE DIFFERENCE BETWEEN THE TIRES. THIS CIRCUMFERENCE DIFFERENCE RESULTS IN THE LARGER TIRE DRAGGING THE SMALLER TIRE 13 FEET IN A SINGLE MILE. OVER THE COURSE OF A TYPICAL 100,000-MILE YEAR, THE TIRE IS BEING DRAGGED 246 MILES.

PLEASE KEEP IN MIND, THE ABOVE EXAMPLE IS BASED ON A 5 PSI DIFFERENTIAL BETWEEN ONE SET OF DUAL TIRES. IMAGINE THE TIRE WEAR RESULTS WHEN, IN MOST CASES, THE PSI DIFFERENCE IS GREATER AND THE FLEET OWNS MULTIPLE SETS OF DUAL WHEELS.



89-3WTK



89HKC-25C



89HKC-12



89HKC-24

AUTOMATIC TIRE INFLATION SYSTEM ACCESSORIES FOR 89MXA (RED) & 89XDA (BLUE) (SINGLE TIRE)

HALTEC NO.	PRODUCT DESCRIPTION
89HKC-12	12' Straight hose w/coupler & CH-360OP air chuck
89HKC-24	24' Straight hose w/coupler & CH-360OP air chuck
89HKC-50	50' Straight hose w/coupler & CH-360OP air chuck
89HKC-25C	25' Blue coil hose w/coupler & CH-360OP air chuck
89HKC-50C	50' Blue coil hose w/coupler & CH-360OP air chuck
89HKT-12	12' Straight hose w/coupler & CH-330 LO-OP air chuck
89HKT-24	24' Straight hose w/coupler & CH-330-LO-OP air chuck
89HKT-50	50' Straight hose w/coupler & CH-330-LO-OP air chuck
89HKI-25	25' Straight hose w/coupler & IN-20 air chuck
89-2 WASV	2-way automatic switching valve (2 hoses)
89-3 WASV	3-way automatic switching valve (3 hoses)
89-3 WTK	3-way automatic switching valve kit (tubing system)
CH-360OP-1	Clip-on style air chuck (open)
CH-330-LO-OP	Lock-on style air chuck (Dual Wheels)
IN-20	Core removing & inflation tool (Car)
SVL-STND	Black stand with swivel head for automatic tire inflator

*Custom hose lengths available upon request.



89HKC-12M



89-3W



89-HMVN



NI-112

AUTOMATIC TIRE INFLATION SYSTEM ACCESSORIES FOR 89XDB (YELLOW) & 89XDZ (RED) & 89XHB

HALTEC NO.	PRODUCT DESCRIPTION
89HKC-12M	12' Straight hose w/CH-360S air chuck
89HKC-24M	24' Straight hose w/CH-360S air chuck
89HKT-12M	12' Straight hose w/CH-330-LO air chuck
89HKT-24M	24' Straight hose w/CH-330-LO air chuck
89HVI-25	25' Straight hose w/coupler & IN-20 air chuck (Single Tire Applicaton)
89-HMVN	4-way manifold
89-3W	Air flow control valve
CH-360S	Clip-on style air chuck (closed) with spring.
CH-330-LO	Lock-on style air chuck (Dual Wheels)
NI-112	1/2" male nipple

*M=Multiple tire inflation, closed chuck required
*If converting to multiple tire inflation an 89HMVN, NI-112, and 89-3W will all be required.

SAFETY!

NITROGEN MOLECULES LEAK THROUGH YOUR TIRE 3-4 TIMES SLOWER THAN THE SMALLER OXYGEN MOLECULES. ULTIMATELY, MAINTAINING YOUR VEHICLE'S REQUIRED INFLATION PRESSURE REDUCES TIRE WEAR, INCREASES YOUR FUEL MILEAGE, AND PROVIDES BETTER VEHICLE PERFORMANCE.

NITRO-1 NITROGEN PURITY GAUGE

- Accurate and easy to use
- Compact and ergonomic in design
- Simple to operate, one-button design
- Battery charge indicator
- Auto-power off function
- Replaceable battery and sensor
- Auto diagnostic with error code to simplify troubleshooting
- Uses one D battery
- Replacement sensor part #44.1020



NITRO-1

NITRO-1/322

- Same as the NITRO-1 but with a 322 chuck

IN-20 CORE REMOVAL & INFLATION TIRE CHUCK

Ideal for quick lube centers and auto dealerships.

- Reduces inflation time by 50%
- Features a clip-on style chuck
- Made of Durable steel, brass, and polycarbonate
- 1/4 female NPT allows easy attachment to air hose
- Ideal for nitrogren purging and inflation
- Retractable core housing allows safe removal and replacement of valve core



IN-20

IN-20-LO

- Same as IN-20 but with a more secure lock-on style chuck



IN-20-LO



TV-780-03



A-158



TV-781-03



LG718-03



LG763-03



A-145

AVIATION VALVES

- Stainless steel aircraft tire valves
- Large bore design increases efficiency by maximizing airflow and time savings
- Complete with A-145 core and A-158 cap
- For 1/2"-20 threaded rims

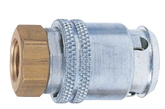
AVIATION AIR CHUCKS

H-5265 (STANDARD BORE)

Specially designed open air chuck that locks onto the cap threads of the standard bore valve stem when the sliding sleeve is pushed to the forward position. The chuck releases when the sleeve is pulled back.



H-5265



H-4660B

H-4660B (LARGE BORE)

Open chuck with a high durometer seal. Securely locks on valve when cocked on threads. Has greater air flow and seal cannot be blown out if seal fails. 1/4" NPT female thread.



CH-410



CH-425



CH-430

CH-410 (STANDARD BORE)
CH-425 (LARGE BORE)
CH-430 (LONG LARGE BORE)

Screws on to the valve. Designed for aircraft inflation. Has 1/4" NPT female thread. Maximum working pressure up to 300 PSI.

89XDH DIGITAL TIRE INFLATOR

This automatic digital tire inflator was designed specifically for high pressure tires in the aviation industry.

- Operating range: 10-305 PSI
- Durable IP66 diecast aluminum enclosure
- Dual backlit LCD displays
- Nitrogen compatible
- Accuracy of +/-0.5%



Please contact your Haltec aviation account manager for a list of approved high pressure air chucks.

89XHP HIGH PRESSURE DIGITAL INFLATION CONTROLLER

The 89XHP offers high accuracy and improved safety with adjusting or charging high pressure accumulators and shock absorber struts.

- Operating range: 36-1450 PSI
- Comes equipped with high pressure hoses and inflating connection
- Durable IP66 diecast aluminum enclosure
- Dual backlit LCD displays
- Nitrogen compatible
- Accuracy of +/-0.5%



89-F17 MOBILE TIRE INFLATION CART

- Ideal for mobile aircraft tire servicing
- Uses two high cylinder nitrogen tanks (not included)
- Can be used with all Haltec inflators

All units available with high pressure hose assemblies.







HWT750

MODULAR TRANSDUCER

For the larger 75-750 ft-lb wrenches, reduce shipping costs and downtime by sending just the interchangeable transducer for calibration.

ONBOARD FEATURES

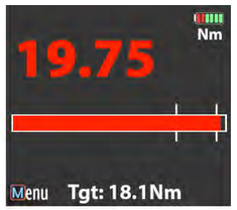
- Virtual progress bar and buzzer for torque signaling
- Data capture highlights all areas of over and under torque
- Device accuracy of +/- 1% of actual value
- Compare applied torque to configurable parameters
- Torque counter can forewarn operator when calibration deadline is approaching
- Languages; English, Chinese, French, German, Polish, Portuguese, Russian, Spanish
- Units: cNm, Nm, ozins, in-lb, ft-lb, kgfcm, kgfm



FULL COLOR OLED DISPLAY



Good Torque



Over Torque

75-750 FT-LB ATTACHMENTS

MODEL NO.	RATCHET SIZE
HRH34	3/4"
HRH01	1"



HRH01

RANGES AVAILABLE

TORQUE RANGE	ADAPTOR SIZE	RATCHET SIZE	LENGTH	WEIGHT
10-100 ft-lb	9 mm x 12 mm	3/8"	410 mm	1.87 lb
25-250 ft-lb	14 mm x 18 mm	1/2"	625 mm	2.87 lb
75-750 ft-lb	24 mm x 32 mm	3/4" or 1"	1360 mm	13.23 lb



10-100 FT-LB



25-250 FT-LB



75-750 FT-LB

The above wrenches are available in two series. See next page for details.

WRENCH OPTION 1

ONE-WAY WIRELESS SERIES (ZIGBEE)

- Connect up to 8 wrenches with one WCBR
- Wireless software interface integrated into PCFE software which is supplied as standard with every tool
- Data is securely stored on wrench to prevent data loss when out of range or working off-site
- Results can be analyzed using PCFE software with outputs such as standard deviation and C_{pk}

FULL WRENCH		TRANSDUCER	RECEIVER
TORQUE RANGE	MODEL NO.	MODEL NO.	MODEL NO.
10-100 ft-lb	HW100W	-	WCBR
25-250 ft-lb	HW250W	-	WCBR
75-750 ft-lb	HW750W	HWT750	WCBR





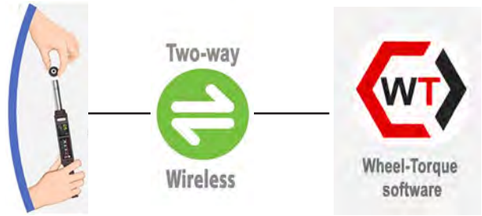
PCFE software securely collects and displays torque results

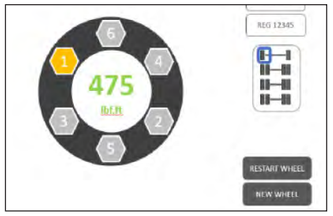
WRENCH OPTION 2

TWO-WAY WIRELESS SERIES (BLUETOOTH) WITH WHEEL-TORQUE SOFTWARE

- Associate sequences of torque results to a job, part, or vehicle
- Interface guides operator through a job sequence
- Supervisor alerted when used outside of parameters
- View reports for job or vehicle
- Save and export data

FULL WRENCH		TRANSDUCER
TORQUE RANGE	MODEL NO.	MODEL NO.
10-100 ft-lb	HW100BT	-
25-250 ft-lb	HW250BT	-
75-750 ft-lb	HW750BT	HWT750





Wheel-Torque software allows supervisor control of torque settings and correct sequencing.

MECHANICAL CLICK WRENCHES



- 45-tooth ratchet head for easier operation in tight spaces
- Hardened alloy steel housing for strength and durability, resulting in a slimmer, lighter weight design
- Bi-directional trigger mechanism is mounted on ball bearing for more accurate and consistent release
- Tempered chrome-silicon alloy springs assure long-term accurate performance
- Ergonomic soft grip for comfort over prolonged use and varying temperatures
- Pull out locking end cap and turn handle to set desired torque. Locking the end cap secures the selected torque.



SAMPLE SETTINGS

Model: MWA335

Metric Reading: 302.5 Nm

Imperial Reading: 223.25 ft-lb

WITH ADAPTER TO RECEIVE ATTACHMENTS

MODEL NO.	ADAPTER SIZE	TORQUE RANGE
MWA020	9x12 mm	30-180 in-lb 4-20 Nm
MWA125	9x12 mm	20-90 ft-lb 25-125 Nm
MWA200	14x18 mm	30-150 ft-lb 40-200 Nm
MWA335	14x18 mm	50-250 ft-lb 65-335 Nm



WITH FIXED RATCHET

MODEL NO.	RATCHET SIZE	TORQUE RANGE
MW030	3/8"	50-120 in-lb 6-30 Nm
MW125	3/8"	20-90 ft-lb 20-125 Nm
MW335	1/2"	50-250 ft-lb 65-335 Nm
MW500	3/4"	80-400 ft-lb 100-500 Nm

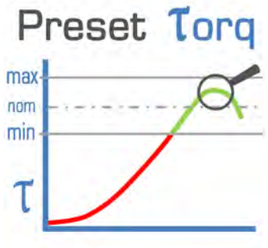


MODULAR SMART-TESTERS

Suitable for checking and calibrating both mechanical and digital torque wrenches, Smart Testers are applicable to many industries and situations such as assembly lines, calibration facilities, repair and maintenance centers, and tool auditing. As the SCBS and HTT are interchangeable and can be switched in seconds, upfront and maintenance costs are kept to a minimum.

ONBOARD FEATURES

- Virtual progress bar and buzzer for torque signalling
- Captures both first peak of click tools along with installed peak of breaking tools
- Calibrated device accuracy of +/- 0.5% of actual value
- Compare applied torque to configurable parameters
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units: cNm, Nm, ozins, in-lbs, ft-lbs, kgfcm, kgfm



Set precise torque tolerances either by ft-lb or %.



Capture first peak of click wrenches.



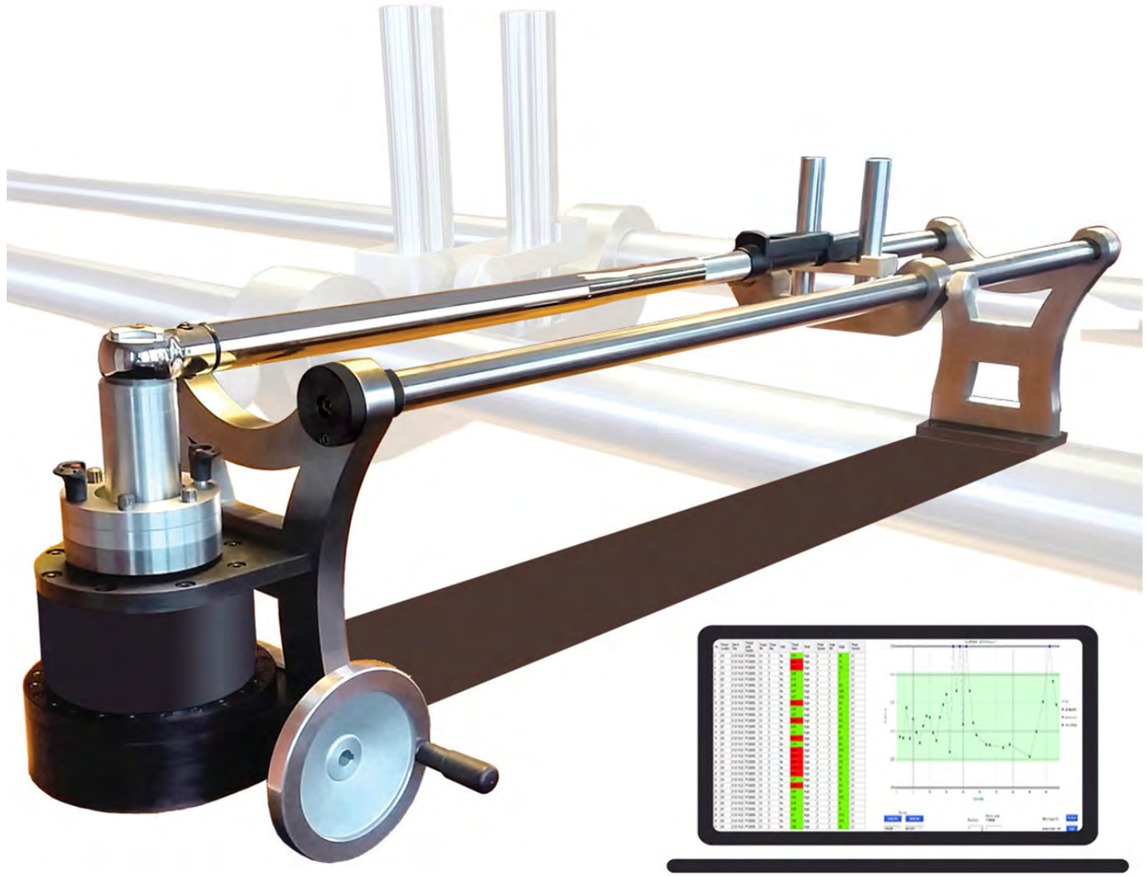
HTT*** Torque Transducer



SCBS Smart Controller

SMART TESTER SERIES – RANGES AVAILABLE

MODEL NO.	TORQUE RANGE	SOCKET SIZE	A	B	C	WEIGHT
HTT100	10-100 ft-lb	3/8"	120 mm	121 mm	60 mm	2 lbs
HTT250	25-250 ft-lb	1/2"	120 mm	121 mm	70 mm	2.5 lbs
HTT750	75-750 ft-lb	1"	148 mm	121 mm	70 mm	6 lbs
SCBS Controller	All	-	-	-	-	-



TCR1200 – TORQUE CALIBRATION RIG

Note: A Torque Calibration Rig requires an SCBS along with the chosen selection of HTT*** Transducers. Transducers can be quickly interchanged on the rig.

FEATURES

- Calibrate or check electronic wrenches up to 1200 ft-lb and mechanical wrenches up to 750 ft-lb
- Compatible with all SCBS digital torque testers and HTT*** torque transducers
- High quality planetary gear system for precise and steady control of torque applied with minimal effort
- Dropped point of torque application and robust steel frame leads to a sturdy and well-balanced rig
- Quick release pins allow for quick switching of testers <750 ft-lb
- Self-lubricating bearings for smooth operation of carriage unit

COMPLIANCE

- Ensure all torque wrenches are within specified tolerances.
- Validate wrench accuracy regularly to exceed safety and maintenance requirements

PRODUCTIVITY

- On-site calibration reduces product downtime and shipping costs
- Regular tool calibration can reduce requirement of post-assembly audits

Smart-Break

SMART-BREAK WRENCHES

HBF750 SMART-BREAK MECHANICAL WRENCH

Torque range is 250-750 ft-lb.



HBF750

HBT750 MODULAR TRANSDUCER

Reduce shipping costs and downtime by sending just the modular transducer for calibration.



HBT750

HSW750BT SMART-BREAK WRENCH

Wirelessly integrate the Smart-Break wrench with the Wheel-Torque software for full client traceability.



HSW750BT



Add vehicles and fleets



Add axle groups



Define stud profile and torque



Follow torque sequence tutorials

Haltec couplers and nipples are long-lasting, high performance products. They are rated for pressure up to 300 PSI with an operating temperature range of -40° F to +250° F. The 1/4" couplers have a 4-ball locking device while the 3/8" and 1/2" series offer an 8-ball locking device. The nipples have hardened wear points and are made from solid barstock construction to provide long service life. Made in the USA.


CO-101


CO-103


CO-105


NI-102


NI-104


NI-106

1/4" TRU-FLATE TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-101	Coupler	1/4"	Male	3503	D-12	C1	61-524	786	13-124
CO-103	Coupler	1/4"	Female	3504	D-13	C2	61-523	785	13-134
CO-105	Coupler	1/4"	Female	3505	-	C2R	61-487	787	-
NI-102	Nipple	1/4"	Male	3506	D-2C	CP1	61-538	783	12-124
NI-104	Nipple	1/4"	Female	3507	D-3C	CP2	61-539	784	12-134
NI-106	Nipple	fits 302"-32	Female	3508	D-6C	CP12	-	779	12-104


CO-501


NI-502


NI-504

1/4" ARO TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-501	Coupler	1/4"	Female	3526	8888	C38	61-526	775	13-324
NI-502	Nipple	1/4"	Male	3529	8891	CP37	61-528	777	12-325
NI-504	Nipple	1/4"	Female	3530	8889	CP38	61-529	778	12-335


CO-701


NI-702


NI-704

1/4" LINCOLN TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-701	Coupler	1/4"	Female	3528	123	C28	61-548	790	13-434
NI-702	Nipple	1/4"	Male	3531	126	CP27	61-550	791	12-424
NI-704	Nipple	1/4"	Female	3532	125	CP28	61-551	792	12-434


NI-202


CO-303


CO-301


CO-201


NI-204

1/4" INDUSTRIAL TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
NI-202	Nipple	1/4"	Male	5138-11	110	CP21	61-578	727	12-225
CO-301	Coupler*	1/4"	Female	5138-12	-	-	-	755	-
NI-204	Nipple	1/4"	Female	5139-11	109	CP20	61-579	728	12-235
CO-303	Coupler*	1/4"	Male	5139-12	-	-	-	756	-
CO-201	Coupler	1/4"	Female	5142-12	102	C20	61-573	715	13-235


CO-204


NI-206


NI-208

3/8" INDUSTRIAL TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-204	Coupler	3/8"	Female	3541	117	C26	61-482	1835	13-537
NI-206	Nipple	3/8"	Male	3542	121	CP25	61-484	1837	12-527
NI-208	Nipple	3/8"	Female	3543	122	CP26	61-485	1838	-


CO-107


CO-109


NI-108


NI-110

3/8" TRU-FLATE TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-107	Coupler	3/8"	Male	3515	-	C5	61-554	1806	13-107
CO-109	Coupler	3/8"	Female	3516	D-15	C6	61-553	1805	13-613
NI-108	Nipple	3/8"	Male	3517	D-2E	CP5	61-558	1807	12-605
NI-110	Nipple	3/8"	Female	3518	D-3E	CP6	61-559	1808	12-612


CO-111


NI-112


NI-113

1/2" TRU-FLATE TYPE

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-111	Coupler	1/2"	Female	3512	D-17	C10	61-563	1815	13-713
CO-111R	Coupler	1/2"	Female	D-17R	C10R	-	-	-	13-712/713
NI-112	Nipple	1/2"	Male	3513	D-2F	CP9	61-568	1817	12-705
NI-113	Nipple	1/2"	Female	-	-	CP18	-	1858	12-762
CO-112	Coupler	1/2"	Male	-	-	-	-	-	-


CO-800


CO-801

UNIVERSAL COUPLERS

HALTEC NO.	DESCRIPTION	NPT	THREAD TYPE	SCHRADER	DILL	AMFLO	CAMEL	MILTON	TRU-FLATE
CO-800	Coupler	1/4" - 18 NPTF	Female	-	-	C60	61-240	745	-
CO-801	Coupler	1/4" - 18 NPTF	Male	-	-	C61	61-241	746	-

FEATURES:

- The 1/4" universal coupler will accept the industrial interchange [(MIL-C4109) and (ANSI/(NFPA) T3.20.14-1990)] Tru-Flate and the ARO style nipples.
- The coupler features automatic push-to-connect operation, high flow machined "window valve," corrosion-resistant, solid-brass construction, and a sleeve guard which helps prevent accidental disconnects and protects the sleeve from damage.
- While the best quick-coupling performance is obtained by matching like series couplers and nipples, the universal coupler permits multiple series nipples to mate with one coupler.


GL-0014


GL-0502


GL-0505


GL-0097

LIGHT DUTY 7/16" - 20

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0014	3/4"	9/16"	60	Zinc	
GL-0502	3/4"	1.4"	60	Chrome	Bulge
GL-0505	13/16"	1.4"	60	Chrome	Bulge
GL-0097	13/16"	1.4"	60	Chrome	Acorn


GL-0016


GL-0017


GL-0026


GL-0027

LIGHT DUTY 1/2" - 20

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0016	13/16"	5/8"	60	Zinc	
GL-0017	13/16"	5/8"	90	Zinc	
GL-0026	3/4"	9/16"	60	Zinc	L.H. Thread
GL-0027	3/4"	9/16"	60	Zinc	
GL-0031	13/16"	5/8"	60	Zinc	L.H. Thread
GL-0093	13/16"	59/64"	60	Zinc	
GL-0132	13/16"	1.2"		Zinc	Ford
5120	7/8"	1 1/8"	60	Zinc	
GL-0098	13/16"	1.4"	60	Chrome	
GL-0504	3/4"	1.4"	60	Chrome	Bulge
GL-0510	13/16"	1.4"	60	Chrome	Bulge


GL-0031


GL-0093


GL-0132


5120


GL-0098


GL-0504


GL-0510


GL-0052


GL-0053


GL-0058


GL-0423

LIGHT DUTY 9/16" - 18

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0052	7/8"	3/4"	60	Zinc	
GL-0053	1"	11/16"	90	Zinc	
GL-0058	1 1/16"	21/32"	90	Zinc	
GL-5916	7/8"	1 1/8"	60	Zinc	Same as GL-0161
GL-0423	7/8"	1.5"	60	Stainless	Chrysler


GL-5916


GL-0044


GL-0051


GL-0055


GL-0056

LIGHT DUTY 5/8" - 18

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0044	1 1/16"	21/32"	60	Zinc	
GL-0051	1 1/16"	29/32"	90	Zinc	
GL-0055	1"	21/32"	90	Zinc	
GL-0056	1"	21/32"	90	Zinc	L.H. Thread

LIGHT DUTY M12 - 1.25

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0064	19 mm	16 mm	60	Zinc	
GL-0065	21 mm	16 mm	60	Zinc	
GL-0500	19 mm	1.4"	60	Chrome	Bulge
GL-0508	21 mm	1.4"	60	Chrome	Bulge
GL-0099	21 mm	1.4"	60	Chrome	


GL-0064


GL-0065


GL-0500


GL-0508


GL-0099

LIGHT DUTY M12 - 1.5

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0062	19 mm	14 mm	60	Zinc	
GL-0063	19 mm	23 mm	60	Zinc	
GL-0066	21 mm	16 mm	60	Zinc	Bulge
GL-0072	21 mm	18 mm	60	Zinc	
GL-0085	19 mm	22 mm		Zinc	
GL-0109	19 mm	30 mm	60	Zinc	
GL-0506	19 mm	1.4"	60	Chrome	Bulge
GL-0509	21 mm	1.4"	60	Chrome	Bulge
GL-0100	21 mm	1.4"	60	Chrome	


GL-0062


GL-0063


GL-0066


GL-0072


GL-0085


GL-0109


GL-0506


GL-0509


GL-0100

LIGHT DUTY M14 - 1.5

HALTEC NO.	HEX	HEIGHT	DEGREE	PLATING	NOTES
GL-0512	21 mm	1.4"	60	Chrome	Bulge
GL-0110	7/8"	20 mm	60	Zinc	
GL-0115	22 mm	28.5 mm	60	Zinc	
GL-0309	21 mm	16 mm	60	Zinc	
GL-0427	21 mm	1.4"	60	Stainless Cap	
GL-0428	21 mm	1.7"	60	Stainless Cap	


GL-0512


GL-0110

GL-0115

GL-0309

GL-0427

GL-0428



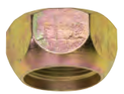
GL-1001 GL-1003 GL-1005 GL-1007 GL-1009 GL-1011

INNER CAP NUTS FOR STEEL & ALUMINUM WHEELS

RIGHT HAND PART NO.	LEFT HAND PART NO.	DESCRIPTION	GRADE	FINISH	OUTER THREAD	INNER THREAD	OVER-ALL LENGTH	REPLACES
GL-1001	GL-1002	Standard Inner Cap Nut for Dual Steel Wheels	8.2	Yellow Dichromate	1 1/8" - 16	3/4" - 16	2 7/32"	Budd - 10708/9 Dayton - 13-3005R/L BWP - M128/9 Euclid - 7895R/L Leland - W694/5
GL-1003	GL-1004	Standard for Steel Inner & Aluminum Outer Wheel Combinations	8.2	Yellow Dichromate	1 1/8" - 16	3/4" - 16	2 9/16"	Budd - 35336/7 Dayton - 13-3028R/L BWP - M130/1 Euclid - 7896R/L Leland - W620/1
GL-1005	GL-1006	Longer Inner Nut for Steel Inner & Aluminum Outer Wheel Combinations	8.2	Yellow Dichromate	1 1/8" - 16	3/4" - 16	3 1/16"	Budd - 22621/2 Dayton - 13-3029R/L BWP - M132/3 Euclid - 7897R/L Leland - W107/8
GL-1007	GL-1008	Heavy-duty Off-Highway Applications	8.2	Yellow Dichromate	1 5/16" - 12	15/16" -12	3"	Budd - 49414/5 Dayton - 13-3010R/L BWP - M140A/B Euclid - 7898R/L Leland - W694/5
GL-1009	GL-1010	For Hino & Isuzu	8.2	Yellow Dichromate	M30 -1.5	M20 -1.5	M-62 (2 7/16")	Dayton - 13-3130R/L Hino - 9004-2310I/24101 Euclid - 10253R/L Leland - W720/1 Navistar - 43212Z5025R/L
GL-1011	GL-1012	Inner Cap Nut for Dual Aluminum Wheels	8.2	Yellow Dichromate	1 1/8" - 16	3/4" - 16	3 1/16"	ALCOA - 5988R/L Dayton - 13-3026R/L BWP - M2400/1 Euclid - 5988R/L Leland - W486/7

OUTER CAP NUTS FOR DUAL MOUNTED WHEELS

RIGHT HAND PART NO.	LEFT HAND PART NO.	DESCRIPTION	GRADE	FINISH	INNER THREAD	HEX	HEIGHT	REPLACES
GL-2001	GL-2002	Standard Outer Nut for Dual Wheels	8	Yellow Dichromate	1 1/8" - 16	1 1/2"	7/8"	Budd- 37891/2 Dayton - 13-3012R/L BWP - M126/7 Euclid - S977R/L Leland - W746/7



GL-2001

OUTER CAP NUTS FOR SINGLE MOUNTED WHEELS

RIGHT HAND PART NO.	LEFT HAND PART NO.	DESCRIPTION	INNER THREAD	HEX	HEIGHT	REPLACES
GL-2101	GL-2102	Standard Cap Nut for Single Wheels	3/4" - 16	1 1/2"	7/8"	Budd - 37888/9 Dayton - 13-3013R/L BWP - M124/5 Euclid - 5652R/L Leland - W15/6



GL-2101



GL-2201 GL-2202 GL-2203 GL-2204

ONE PIECE FLANGE NUTS

PART NO.	DESCRIPTION	INNER THREAD	HEX	HEIGHT	REPLACES
GL-2201	One Piece Flange Nuts For Hub Piloted Wheels	9/16" - 18	7/8"	5/8"	Budd - 64186 Euclid - 5892 GMC - 3988631
GL-2202	One Piece Flange Nuts For Hub Piloted Wheels	11/16" - 16	1 1/8"	1 1/16"	Gunite - 45681 Budd - 81269 Euclid - 5734 GMC - 3771410
GL-2203	One Piece Flange Nuts For Hub Piloted Wheels	5/8" - 18 R.H. Thread	1 1/8"	1 1/16"	Budd - 95188 Dayton - 13-3047R BWP - M1266 Euclid - 9022R Dodge - 3637720
GL-2204	One Piece Flange Nuts For Hub Piloted Wheels	5/8" - 18 L.H. Thread	1 1/8"	1 1/16"	Budd - 95189 Dayton - 13-3047L BWP - M1267 Euclid - 9022L Dodge - 363719

TWO PIECE FLANGE NUTS

PART NO.	DESCRIPTION	GRADE	FINISH	INNER THREAD	HEX	HEIGHT	REPLACES
GL-2301	For Uni-Mount 10 Hole Systems	8	Phosphate and Oil	M22 - 1.5	M33	M32	Budd - 106333 Dayton - 13-3052 BWP - M3203 Euclid - 6000 Leland - W498
GL-2301-TF	For Uni-Mount 10 Hole Systems	8	Teflon	M22 - 1.5	M33	M32	-
GL-2302	For Motor Wheel 8 Hole Systems	8	Phosphate and Oil	M22 - 1.5	M38	M35	Motor Wheel - 88881 Dayton - 13-3050 BWP - M3207 Euclid - 5991 Leland - W492



GL-2301 GL-2302



GL-2900 GL-2906 GL-2919 GL-2928 GL-2939

FLANGE NUTS FOR ALUMINUM WHEELS

PART NO.	DESCRIPTION	GRADE	FINISH	INNER THREAD	HEX	SLEEVE LENGTH	RECOMMENDED USE
GL-2900	Skirt Nut	8	Black	M22 - 1.5	33 mm	5.5 mm	All style M22 Flange Nuts on Hub-Piloted wheels
GL-2906	Sleeve Nut	8	Black	M22 - 1.5	33 mm	6 mm	Steel - Steers
GL-2919	Sleeve Nut	8	Black	M22 - 1.5	33 mm	19 mm	Aluminum - Steers Steel/Steel - Drives Steel Outer/Alum. Inner - Drives
GL-2928	Sleeve Nut	8	Black	M22 - 1.5	33 mm	28 mm	Heavy-duty Aluminum Super Single - Wide Base Aluminum Outer/Steel Inner - Drives
GL-2939	Sleeve Nut	8	Black	M22 - 1.5	33 mm	39 mm	Dual Aluminum

FLANGE NUTS FOR ALUMINUM WHEELS

PART NO.	DESCRIPTION	GRADE	FINISH	INNER THREAD	HEX	HEIGHT	REPLACES
39874	Low Profile	8	Black	M22 - 1.5	M33	M27	Alcoa - 39874 Dayton - 13-3057 Euclid - 9020 Leland - W525 GMC - 2071619 Ford - E6HZ 1120A Accuride - 50125
39946		8	Black	5/8" - 18	1 1/16"	13/16"	Alcoa - 39946 Dayton - 13-30510 Euclid - 10233 S/B - 102333 Leland - W749


39874


39946


139698


139987


430632


430732

FLANGE NUTS FOR ALCOA WHEELS

PART NO.	DESCRIPTION	GRADE	FINISH	INNER THREAD	HEX	HEIGHT
139698	Low Profile	8	Phosphate and Oil	M14 - 1.5	27 mm	22 mm
139987		8	Phosphate and Oil	9/16" - 18	1 1/16"	7/8"
430632 578632	Front Bus Wheels	8	Phosphate and Oil Dacromet Coated	M22 - 1.5	33 mm	50 mm (2")
430732 578732	Rear Bus Wheels	8	Phosphate and Oil Dacromet Coated	M22 - 1.5	33 mm	78 mm (3")

TRUCK WHEEL DEFENDER

Wheel Defender is a nylon separator plate that is approximately .03" thick. It is placed between the hub or drum and the wheel, and between two wheels on a dual wheel application. The Wheel Defender is highly recommended for all applications and all combinations of aluminum and steel wheels.



PART NO.	APPLICATION	HOLES	BOLT CIRCLE	I.D.
GL-5901	For wheels using 1-1/8" and 7/8" diameter studs (stud pilot wheels)	10	11 1/4"	8 13/16"
GL-5902	For wheels using 3/4" diameter studs (stud pilot wheels)	10	11 1/4"	8 13/16"
GL-5903	For wheels using 22 mm diameter studs "Unimount" (hub pilot)	10	285.75 mm	8 13/16"
GL-7902	For wheels using 22 mm diameter studs "Motor Wheel" (hub pilot)	8	275 mm	8 13/16"
GL-8482	For GM and Dodge trucks using 5/8" diameter studs	8	6 1/2"	4.82"
GL-8525	For Ford trucks using 5/8" diameter studs	8	6 1/2"	5.25"
GL-8675	For Ford trucks with 19.5" wheels using 5/8" diameter studs	8	225 mm	6.75"
GL-7381	For bus wheels with 22 mm diameter studs	10	335 mm	

DISCMATE™ WHEEL PROTECTOR FOR ALCOA WHEELS

PART NO.	APPLICATION	HOLES	BOLT CIRCLE
GL-18000 (Alcoa 018000)	For wheels using 32 mm sleeved cap nut (hub pilot)	10	335 mm

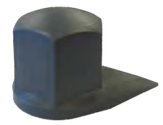
CPY33MM—CHECKPOINT 33MM FLUORESCENT YELLOW
CPDTSG33MM—DUSTITE SILVER GRAY 33MM

NEW

The primary functions of checkpoints and dustites are to:
- Provide a clear visual indication of nut movement, particularly useful and applicable for commercial vehicle wheels
- Provide an indication of wheel overheating which is otherwise difficult to detect, usually as a result of brakes sticking or problems with the bearings, through the use of specific product material melting points (Standard and High Temperature options available)
- Provide a clear visual commitment to roadworthiness and professionalism to other road users, customers, health and safety, road and transportation associations such as DFT, HMRC Customs and Excise, VOSA, HSE, FTA, and RHA
- Dustite covers prolong the service life of studs & nuts, through protection from corrosion, weathering, and damage

*For additional colors please contact Haltec for pricing and availability


CPY33MM




CPDTSG33MM

CNP

- Thick carbon steel material provides strength for heavy-duty applications
- Round shape handle provides comfort and easy of operation
- Suitable for all heavy-duty truck lug nut applications
- Coated jaws protect painted, aluminum, or chrome-plated lug nuts from damage


CNP

SC100 STUD & WHEEL SURFACE CLEANING SYSTEM

The SC100 stud cleaner quickly and easily removes rust, road grime, and foreign particles from wheel studs. Three carbon steel brushes engage the full thread and provide a clean surface for the wheel retaining nut, allowing an accurate final torque.

Application:
- 22 mm Uni-Mount Studs
- 3/4"-16 Budd Studs
- Replacement brush part #RB22

*Recommended for use with low-speed reversible drill


SC100

GA-200 THREAD PITCH GAUGE

M22 X 1.5 Uni-Mount Stud Wear Gauge



GA-200

ATG9755 5-IN-1 INSPECTION GAUGE

This gauge, placed on a keychain for convenient daily use, is designed to inspect hub-pilot wheel systems to include: M22 X 1.5 wheel studs, wheel nuts, and disc wheel bolt holes. Precision machined, coated to prevent rust and is not affected by the day-to-day work environment. In the hands of a trained technician the 5-in-1 gauge is designed to enhance current industry inspection methods and best practices.


ATG9755

ANTI-INDEXING SLEEVES

Protects the studs and wheels from damage. Minimizes wheel movement from indexing.

AIS-500— SINGLE WHEEL

AIS-800—DUAL STEEL

AIS-1250 — DUAL ALUMINUM

*Install Anti-Indexing Sleeves on every other stud


AIS-1250 AIS-800 AIS-500



407422

407422 WHEEL INSTALLATION KIT, 2 TOOLS IN A KIT

Alcoa's wheel installation sleeves: Align wheel bolt holes. Seat brake drums that have .980" diameter bolt holes. Prevent thread damage to M22x1.5 studs. Assist in lining up all components for ease of install. For Alcoa wheel with 26 mm bolt hole.

AXLE END COVERS

(All closed-end axle covers are supplied with an Alcoa Medallion)

- For use on 16 x 6 and 16 x 7 aluminum wheels
- Includes rubber O-rings
- All-aluminum
- Made in the U.S.A.

* Mounts from the front



1611*
Height: 1.125" straight.
For dually applications
Bolt pattern: 8 x 6.50
Hub bores: 4.88"



1612*
Height: 4.750" straight.
For dually applications
Bolt pattern: 8 x 6.50
Hub bores: 4.88"



1681*
Height: 4.750" straight.
w/3.50" open end. For dually applications.
Bolt pattern: 8 x 6.50.
Hub bores: 4.88"



3167
Height: 4.700" straight.
Hub bores: 5.150"
Bolt pattern: 8 x 6.50



3611*
Height: 1.125" straight.
For dually applications.
Bolt pattern: 8 x 6.50.
Hub bores: 4.88"



3612*
Height: 4.750" straight.
For dually applications.
Bolt pattern: 8 x 6.50.
Hub bores: 4.88"



4167
Height: 4.000" straight.
Hub bores: 5.150"
Bolt pattern: 8 x 6.50



H-1813

H-1813
10 H-181 Hug-A-Lugs in a cardboard display container. Versatile 10-pack design.

Patented spring-clip insert holds cover tight to the nut, yet permits easy installation and removal. Now Alcoa Hug-A-Lug nut covers come a in handy cardboard display container for easy retail display. The versatile design of the 10-pack nut covers allows it to stand alone or hang on a display rack.

NOTE: Orders are accepted for less than case quantities.

FOR 1 1/2" HEX STUD-PILOT WHEELS

HALTEC NO.	DESCRIP-TION	CASE QTY.	FINISH
H-150	For 1 1/2" Hex Stud-pilot Nut	200	Chrome



H-150

FOR 33MM HEX FLANGE NUTS (HUB-PILOT WHEELS)

HALTEC NO.	DESCRIPTION	FOR HEIGHTS	CASE QTY.	FINISH
H-180	For 33mm Hex Flange Nut for buses	.886"- 1.0"	200	Chrome
H-181	For 33mm Hex Flange Nut for buses	27-31 mm	200	Chrome



H-180

FOR 1 1/2 HEX NUTS (HUB-PILOT WHEELS)

HALTEC NO.	DESCRIPTION	FOR HEIGHTS	CASE QTY.	FINISH
H-182	For 1 1/2 Hex Flange Nut for trucks	1 7/16"	200	Chrome
H-183	For 1 1/2 Hex Flange Nut for buses	7/8"	200	Chrome



H-182

FOR ALCOA LUG NUTS FOR 16" & 19" WHEELS

HALTC NO.	DESCRIPTION	FOR HEIGHTS	CASE QTY.	FINISH
H-78	2.125"	.96"	100	Chrome
H-79	1.525" Tall	.96"	100	Chrome
H-190	Hug-A-Lug Push-On	Fits 1 1/16" hex flange nuts	200	Chrome



H-78



H-190

H-155
1 1/2" nut cover with an inner clamp and threaded outer cover. To order inner clamp only, ask for Part # H-155C.



H-155

H-188
33mm nut cover with an inner clamp threaded out cover. To order inner clamp only, ask for Part# H-188C.

500
Installation tool for hub cover systems 076155B and 077155B.

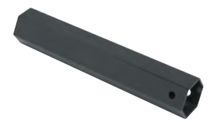
H-185*
33mm screw-on nut cover for hub covers 076185B and 077185B.

600
Installation tool for hub cover systems 076185B, 077185B, 076188B and 077188B.

- Requires a minimum of 4 threads per stud.
- Ask Haltec about Hub Cover Systems available in Alcoa packaging.



H-188



500



H-185



600



087100S



086100S

ALCOA'S NEW HUB COVER SYSTEMS

THEY'RE ONE-PIECE WONDERS!

Fits wheels 19.5", 22.5" and 24.5", Hub pilot, 33 mm hex flange nut with 10 x 285 mm. Alcoa's new hub cover system provides an easy way to upgrade the appearance of new and older trucks. This quality-tested, road-proven hub cover system is built to the precise specifications you would expect from Alcoa, the world leader in heavy-duty wheels.

This unique, one-piece design provides:
- Reduced installation time with 1 part vs. 11
- Highly reflective superior finish
- Patented on-off attachment design
- On-off removal for DOT inspection
- 2-year warranty

ONE PIECE HUB COVER SYSTEMS

HALTEC NO.	WHEEL TYPE	PACKAGE INCLUDES
087100S	33 mm Hub Piloted	2 rear covers & tool, Alcoa packaging
087100B	33 mm Hub Piloted	1 rear cover & tool, plain packaging
086100S	33 mm Hub Piloted	2 front covers & tool, Alcoa packaging
086100B	33 mm Hub Piloted	1 front cover & tool, plain packaging



076085



076188B



077085



077188B

COVER KITS FOR 10-HOLE 22.5" & 24.5" WHEELS

HALTEC NO.	WHEEL TYPE	NUT COVER	APPLICATION/PACKAGE
076185B*	Hub Piloted	H-185 (33 mm)	Cover is secured by screwing the H-185 directly onto stud threads; Box
076155B	Ball-Seat	H-155 (1 1/2")	Cover is secured by screwing the H-155 onto inner clamp. Inner clamp is placed on stud threads; Box
076188B	Hub Piloted	H-188 (33 mm)	Cover is secured by screwing the H-188 onto inner clamp, Inner clamp is placed on stud threads; Box
076085*	Hub Piloted	H-185 (33 mm)	Cover is secured by screwing the H-185 directly onto stud threads; Reusable Bin includes 20 nut covers, 2 hub covers & tool
076015	Ball-Seat	H-155 (1 1/2")	Cover is secured by screwing the H-155 onto inner clamp. Inner clamp is placed on stud threads; Reusable Bin includes 20 nut covers, 20 inner clamps, 2 hub covers & tool
076018	Hub Piloted	H-188 (33 mm)	Cover is secured by screwing the H-188 onto inner clamp. Inner clamp is placed on stud threads; Reusable Bin includes 20 nut covers, 20 inner clamps, 2 hub covers & tool
077185B*	Hub Pilot	H-185 (33 mm)	Cover is secured by screwing the H-185 directly onto stud threads; Box
077155B	Stud Pilot	H-155 (1 1/2")	Cover is secured by screwing the H-155 onto inner clamp. Inner clamp is placed on stud threads; Box
077188B	Hub Pilot	H-188 (33 mm)	Cover is secured by screwing the H-188 onto inner clamp, Inner clamp is placed on stud threads; Box
077085*	Hub Pilot	H-185 (33 mm)	Cover is secured by screwing the H-185 directly onto stud threads; Reusable Bin includes 40 nut covers, 4 hub covers & tool
077015	Stud Pilot	H-155 (1 1/2")	Cover is secured by screwing the H-155 onto inner clamp. Inner clamp is placed on stud threads; Reusable Bin includes 40 nut covers, 40 inner clamps, 4 hub covers & tool
077018	Hub Pilot	H-188 (33 mm)	Cover is secured by screwing the H-188 onto inner clamp. Inner clamp is placed on stud threads; Reusable Bin includes 40 nut covers, 40 inner clamps, 4 hub covers & tool

*Requires a minimum of four threads per stud.

LIGHT DUTY TRUCKS

HALTEC NO.	WHEEL SIZE	BOLT CIRCLE	PACKAGE INCLUDES
001102	19.5 x 6" Hub Pilot	8 x 225 mm	1 Front
001103	19.5 x 6" Hub Pilot	8 x 225 mm	1 Rear
110203	19.5 x 6" Hub Pilot	8 x 225 mm	2 Fronts & 2 Rears
For Ford F450 & F550 Model years 2005-2016			
100450	19.5 x 6" Hub Pilot	10 x 225 mm	2 Fronts & 2 Rears
001004	19.5 x 6" Hub Pilot	10 x 225 mm	1 Front cover
001005	19.5 x 6" Hub Pilot	10 x 225 mm	1 Rear cover
For Ford F450 & F550 Model years 2017+			
001006	19.5 x 6" Hub Pilot	10 x 225 mm	1 Front cover
001007	19.5 x 6" Hub Pilot	10 x 225 mm	1 Rear cover
100455	19.5 x 6" Hub Pilot	10 x 225 mm	2 Fronts & 2 Rears

Application: Snaps on over lug nuts and center hub.



001102



001103



140233A



109176A



008221



008222

TRUCKS, BUSES AND TRAILERS

HALTEC NO.	DESCRIPTION	BOLT CIRCLE	V
082012	Kit for 30 mm hex flange nuts (includes fronts and rears)	8 x 275 mm	2-008201, 2-008202, 32-H-20
082122	Front hub cover kit for 33 mm hex flange nuts; steers	8 x 275 mm	2-008221, 16 H-22
082133	Rear hub cover kit for 33 mm hex flange nuts; drives	8 x 275 mm	2-008222, 16 H-22
008201	Front Hub Cover for 30 mm hex flange nuts	8 x 275 mm	1 Front Hub Cover & 8 lug nut covers (H-20)
008202	Rear Hub Cover for 30 mm hex flange nuts	8 x 275 mm	1 Rear Hub Cover & 8 lug nut covers (H-20)
008221	Front Hub Cover for 33 mm hex flange nuts	8 x 275 mm	1 Front Hub Cover & 8 lug nut covers (H-22)
008222	Rear Hub Cover for 33 mm hex flange nuts	8 x 275 mm	1 Rear Hub Cover & 8 lug nut covers (H-22)
140230B	Front hub cover kit for 30 mm hex flange nuts; stainless steel	8 x 275 mm	2-001402, 16-000230
109176B	Rear hub cover kit for 30 mm hex flange nuts; stainless steel	8 x 275 mm	2-001109, 16-000230
140233A	Front hub cover kit for 33 mm hex flange nuts; stainless steel	8 x 275 mm	2-001402, 16-000233
109176A	Rear hub cover kit for 33 mm hex flange nuts; stainless steel	8 x 275 mm	2-001109, 16-000233
001402	Front hub cover for 30 mm and 33 mm	8 x 275 mm	1-Front cover
001109	Rear hub cover for 30 mm and 33 mm	8 x 275 mm	1-Rear cover, 1-Bolt, 1-Bracket
000230	Lug nut cover for 30 mm hex flange nuts	8 x 275 mm	1-Lug nut cover
000233	Lug nut cover for 33 mm hex flange nuts	8 x 275 mm	1-Lug nut cover
001763	Knob for rear hub cover	8 x 275 mm	1-Bolt
001834	Bracket for rear hub cover	8 x 275 mm	1-Bracket

Application: Place cover over hub and secure with nut cover.

H-20

For 30mm hex flange nuts. *Requires a minimum of 3 threads protruding through lug nut; Black spacer not applicable with short lug nut.



H-20

H-22

For 33mm hex flange nuts. *Requires a minimum of 3 threads protruding through lug nut; Black spacer not applicable with short lug nut.



H-22



BBH-10

BBH-10 "COMBI" BEAD BREAKER (AME #11010)

The BBH-10 is ideal for use with all truck, farm tractor, grader, combine, and skidder tires. The air hydraulic movement works on all types of rims except 5-piece earthmover rims. Can be used without removing the wheel and will not damage the bead or rim. No screws, bolts, or attachments. Can be used with Haltec model AHP-20 pump, AHP-15 pump, or equivalent 10,000 PSI pump.



11020

11020 MODIFIED COMBI TIRE BEAD BREAKER

- This is the tool operators are most familiar with
- Most parts interchange with common bead breakers in the market
- Least expensive bead breaker for new 3-piece wheels
- Larger clamp and feet allow tool to easily clamp onto wheels
- Compact design allows the tool to be used on the front or back side of wheel
- Weight 38 lbs (17 kg)



TALON-1

TALON-1 OTR BEAD BREAKER (AME #11090)

- Works on both front and back wheel without dismounting wheel from vehicle
- Works on all new 3-piece 25" wheels or larger
- Works on all wheels with CAT "Shur-Lok" safety feature
- A must tool for all trucks



16200

16200 UPGRADE KIT FOR 3-PIECE WHEELS

- Converts standard Combi style bead breakers to fit 3-piece wheels
- Easy to change — no need to send in for service
- Will fit models from IMT, FEC, Stellar and Esco
- Includes 16150 Kit to guarantee fit on all tools — regardless of age



11076

11076 DIAMONDBACK ALUMINUM BEAD BREAKER

- Lightweight aluminum reduces weight by 40%
- Longer feet allow better fit onto wheel/rim
- Feet fully engage rim flange and push against the bead of the tire
- Comes with protective carrying case
- Weight 31 lbs (14 kg)
- Replaces 11075



11077

11077 VOLVO ADAPTER

HYDRAULIC JACKS

- Lightweight aluminum for easy handling and placing under the vehicle
- Includes "Shut-Off Valve" which allows the pump to be removed while the ram is extended

AJ-506-B (AME #13121)

- Recessed base plate allows jack to nest inside
- Low profile saddle ensures precise lifting
- 55 Ton capacity
- 6" (15 cm) Stroke
- 11.75" (30 cm) retracted height / 17.75" (45 cm) max height
- Weight 29 lbs (13.2 kg)

13005 75 TON BLACK JACK SERIES ALUMINUM JACK

- 75 Ton Capacity
- 6" (15 cm) Stroke
- 12" (30.5 cm) retracted height / 18" (48 cm) max. height
- Weight 38 lbs (17 kg)

AJ-1006 100 TON ALUMINUM JACK (AME #13000)

- 6" (15 cm) Stroke
- 12" (30.5 cm) retracted height / 18" (48 cm) max. height
- Weight 38 lbs (17 kg)

13140 55 TON BLACK JACK ALUMINUM JACK

- Aluminum base plate included on 55 Ton models
- 55 Ton Capacity
- 10" (25 cm) Stroke
- 16.25" (41 cm) retracted height / 26.25" (66.5 cm) max. height
- Weight 38 lbs (17.2 kg)



AJ-506-B



13005



AJ-1006



13140

TECH TIP

THESE PRODUCTS, AS WELL AS ALL TIRE TOOLS, SHOULD NEVER BE USED BY PERSONS UNLESS THEY HAVE BEEN TRAINED PROPERLY ACCORDING TO OSHA REGULATION #29CFR 1910.177 ENTITLED "SERVICING SINGLE-PIECE & MULTI-PIECE RIM WHEELS."

HYDRAULIC RAMS

These rams are recommended for use in pushing off-rear beads on earthmover wheels. Can be used for all earthmover truck tires. Can also be used as a general purpose cylinder. Maximum operating pressure of 10,000 PSI. Designed for use in all positions. Made in the USA. A coupler and dust cap are included with all models.

HALTEC NO.	AME NO.	CYLINDER CAPACITY (TONS)	STROKE (INCHES)	CYLINDER EFFECTIVE AREA (IN2)	OIL CAPACITY (IN3)	COLLAPSED HEIGHT (IN)	WEIGHT (LBS.)
AJ-102	13010	10	2.13	2.23	4.75	4.78	5.1
AJ-106	13030	10	6.13	2.23	13.67	9.75	9.4
AJ-110	13050	10	10.13	2.23	22.59	13.75	12.9
AJ-30	13060	30	2.44	6.5	15.85	4.5	13.8
AJ-506	13120	55	6	11.05	66.3	10.97	31.5
AJ-1006	13000	100	6	20.65	136.91	14.06	45

15002-CRIB STEEL CRIB KIT

- Steel cribbing is durable — will not bend or warp
- Model 15002 is a complete set (includes 3", 6" & 9" stands)
- Units can be rested together for 18" total lift
- Recessed area on cribbing fits 7" square plate on 55 ton cylinders
- Each unit contains built in carrying handle
- Tested/Certifies up to 100 times
- 15012-CRIB: 3", 30 lbs (13.61 kg)
- 15022-CRIB: 6", 53 lbs (24.04 kg)
- 15032-CRIB: 9", 79 lbs (35.83 kg)



15032-CRIB

15022-CRIB

15012-CRIB



OTR-1825

OTR-1825 GIANT TIRE BEAD BREAKER (AME #11000)

- Most popular tool for breaking beads on earthmover tires, sizes 25"-51"
- Works only on 5-piece wheels with bead loosening pockets
- 4.25" (10.8 cm) stroke ram
- Use with any 10,000 PSI (700 bar) air/hydraulic pump
- Weight 33 lbs (14.5 kg)



OTR-2000

OTR-2000 GIANT TIRE BEAD BREAKER (AME #11030)

- Bead breaker for use on 30" up through 63" earthmover wheels
- Originally marked as TO-2000-HA OTR-2000
- 6" (15.25 cm) stroke breaks all beads
- 16270 Kit has longer hoots in order to fit onto 63" wheels
- Used with large capacity (5 quart or more) 10,000 PSI (700 bar) air/hydraulic pump
- Weight 52 lbs (23.5 kg)
- Available in 8" stroke P/N 11031



11044

11044 OTR 3000 GIANT TIRE BEAD BREAKER

- Designed specifically to work on Topy and Rimex OE wheels found on Terex, Komatsu, Liebherr, and Le Tourneau
- Designed to prevent the tool from kicking out while under load
- 6" Stroke ram delivers maximum force
- Jaw design works on most wheels 51"-63"
- Weight 54 lbs (24.5 kg)



OTR300J-11046



OTR300J-11043

OTR300J-11046 BEAD BREAKER JAW ASSEMBLY — STANDARD (AME #11046)

- Not to be used on CAT Shur-Lok assemblies (see AME 11043)

OTR300J-11043 CAT SHUR-LOK BEAD BREAKER JAW (AME #11043)



11244

11244 OTR 3000 BEAD BREAKER EXTENSION

- Adapter for 11044 Titan SVM / OVM Wheel



11344

11344 OTR 3000 BEAD BREAKER EXTENSION

- Adapter for 11044 Rimex DGS Wheel

AHP-15 3.5 QUART AIR HYDRAULIC PUMP POLYGLASS RESERVOIR (AME #15000)

- Builds 10,000 PSI of pressure to fit the majority of tools on the market
- Operates on 80-120 PSI of inlet air pressure (standard on most compressors and shop air)
- Durable Metal Air Motor Assemblies
- Designed specific to conditions normally associated with OTR sites
- Oil Capacity: 3.5 Quarts (3.25 Liters)
- Reservoir Type: Polyglass
- Weight 16 lbs (7.3 kg)



AHP-15

AHP-20 5 QUART AIR HYDRAULIC PUMP POLYGLASS (AME #15020)

- Bead breakers for use on 39" up through 63" earthmover wheels
- Originally marketed as TO-2000-HA OTR-2000
- 6" (15.25 cm) stroke breaks all beads
- 16270 Kit has longer hooks in order to fit onto 63" wheels
- Used with large capacity (5 quart or more) 10,000 PSI (700 bar) air/hydraulic pump
- Weight 52 lbs (23.5 kg)
- Available in 8" stroke P/N 11031



AHP-20

AHP-25 5 QUART AIR HYDRAULIC PUMP STEEL (AME #15025)

- Builds 10,000 PSI of pressure to fit the majority of tools on the market
- Operates on 80-120 PSI of inlet air pressure (standard on most compressors and shop air)
- Durable Metal Air Motor Assemblies
- Designed specific to conditions normally associated with OTR sites
- Oil Capacity: 5 Quarts (4.7 Liters)
- Reservoir Type: Steel
- Weight 23 lbs (10.4 kg)



AHP-25

AHP-20* 5 QUART AIR HYDRAULIC PUMP STEEL (AME #15920)

- Builds 10,000 PSI of pressure to fit the majority of tools on the market
- Operates on 80-120 PSI of inlet air pressure (standard on most compressors and shop air)
- Durable Metal Air Motor Assemblies
- Designed specific to conditions normally associated with OTR sites
- Oil Capacity: 5 Quarts (4.7 Liters)
- Reservoir Type: Steel
- Weight 23 lbs (10.4 kg)



AHP-20*

TECH TIP

THESE PRODUCTS, AS WELL AS ALL TIRE TOOLS, SHOULD NEVER BE USED BY PERSONS UNLESS THEY HAVE BEEN TRAINED PROPERLY ACCORDING TO OSHA REGULATION #29CFR 1910.177 ENTITLED "SERVICING SINGLE-PIECE & MULTI-PIECE RIM WHEELS."

16016-16160 HYDRAULIC HOSES

- 10,000 PSI (700 bar) working pressure hydraulic hoses
- Equipped with 3/8" NPT ends, including one swivel end
- Meets IJ100 jack hose specification

HOSE LENGTH	NO COUPLER	HI FLOW MALE (16050)	COMPLETE HIGH FLOW (16000)	QUICK CONNECT FEMALE (TC-371)	COMPLETE COUPLER (TC-370)
6'	16116	16016	16160	16116-TC	16160-TC
8'	16100	AHP-20H	16030	16100-TC	16030-TC
10'	16105	AHP-20H-10	16035	16105-TC	16035-TC
12'	16120	AHP-20H-12	16025	16120-TC	16025-TC
18'	16110	AHP-20H-18	16020	16110-TC	16020-TC



AHP-20H

9798 HIGH FLOW HYDRAULIC COUPLER (AME #16050)

- Male end
- Interchange with Enerpac C604 and Power Team/OTC 9795
- Plastic dust cover available

9796 HIGH FLOW HYDRAULIC COUPLER (AME #16060)

- Female end
- Interchange with Enerpac C604 and Power Team/OTC 9795



9798



9796

WHEEL CHOCKS

- Solid lightweight construction, high-impact urethane material
- Non-conductive, no threat to puncture the tire
- Durable, lightweight, and easy-to-use
- Extensively field tested

HALTEC NO.	TIRE SIZE	MATERIAL	LENGTH	WIDTH	HEIGHT	WEIGHT
15336	35 to 55" (900 to 1400 mm)	Urethane	13.3" (340 mm)	8.6" (220 mm)	7.8" (200 mm)	7.7 lbs (3.5 kg)
15353	47 to 70" (1200 to 1800 mm)	Urethane	13.38" (340 mm)	9.84" (250 mm)	7.8" (225 mm)	13.66 lbs (6.2 kg)
15337	47 to 86" (1200 to 2200 mm)	Urethane	18" (475 mm)	12" (305 mm)	9" (225 mm)	13 lbs (6 kg)
15341	31 to 110" (790 to 2790 mm)	Urethane	22" (559 mm)	13" (340 mm)	11" (280 mm)	17 lbs (8 kg)
15338	70 to 118" (1800 to 3000 mm)	Urethane	22.5" (570 mm)	13" (340 mm)	14" (355 mm)	19.8 lbs (9 kg)
15342	86.6 to 137.8" (2200 to 3500 mm)	Urethane	24" (621 mm)	13.5" (343 mm)	12" (323 mm)	24.3 lbs (11 kg)
15339	110 to 165" (2800 to 4200 mm)	Urethane	26.7" (680 mm)	13" (337 mm)	14" (355 mm)	30.86 lbs (14 kg)
15300	Up to 35" (900 mm)	Rubber	11.5" (292 mm)	10" (254 mm)	7.25" (184 mm)	10 lbs (4.5 kg)
15301	Up to 35" (900 mm) OTR tires	Rubber	11.75" (298.5 mm)	11.5" (292 mm)	10" (254 mm)	22 lbs (10 kg)



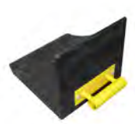
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15341



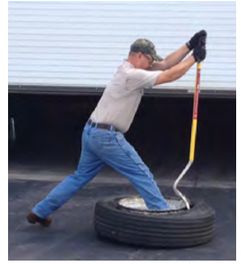
15300



15301

71050 GOLDEN BUDDY TIRE DEMOUNTER

- Mount tool assembly for 22.5 and 24.5 tires/wheels
- Demount assembly for 22.5 and 24.5 tires/wheels
- Heavy-duty steel construction ensuring long life
- Nylon rollers protect the bead
- Sold as a complete set for one low price





71050

71500 BIG BUDDY BEAD BREAKER

- Easily breaks the most stubborn beads
- User fatigue is reduced through spring-action tip, which reduces kick-back
- Wedge tip is forced between the tire bead and wheel rim, delivering the blow directly to the hammer tip
- Heavy-duty tool with 1-year warranty



71500

SUPERLIFT JACKS

Air/Hydraulic Mining Jacks from 100-250 Ton. Each jack comes with custom extensions based on your specific application. Electric power unit available. Optional Power Drive System available on jacks 150 Ton and larger. Power Drive System self propels SLJ Jack over terrain with no effort from operator.

SLJ15027





MODEL	CAPACITY (TONS)	MIN. HEIGHT	MAX. HEIGHT	TOTAL WIDTH	FRAME LENGTH	HANDLE HEIGHT	CYLINDER BASE	WEIGHT
SLJ10027	100	27" (69 cm)	43" (109 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	771 lbs (350 kg)
SLJ10038	100	38" (97 cm)	65" (165 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	851 lbs (386 kg)
SLJ15027	150	27" (69 cm)	43" (109 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	794 lbs (360 kg)
SLJ15038	150	38" (97 cm)	65" (165 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	905 lbs (410 kg)
SLJ20027	200	27" (69 cm)	43" (109 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	1243 lbs (564 kg)
SLJ20038	200	38" (97 cm)	65" (165 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	1345 lbs (610 kg)
SLJ25027	250	27" (69 cm)	43" (109 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	1415 lbs (640 kg)
SLJ25038	250	38" (97 cm)	65" (165 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	1555 lbs (705 kg)

SLJS100 & SLJS200 SUPERLIFT JACK STANDS

- Custom heights can be determined upon order to meet the customer's needs
- Saddle and custom extension supplied with each stand
- Certificates of conformity supplied for international and domestic requirements

MODEL	CAPACITY	MIN. HEIGHT	ADJUSTABLE	WEIGHT
SLJS100	100 TONS	24" (60.96 cm)	No	353 lbs (160.12 kg)
SLJS200	200 TONS	32" (81.28 cm)	No	639 lbs (289.85 kg)

*More models of SLJ Jack Stands & Transporters available in assorted capacity/sizes. Contact Sales for product numbers.



SLJS100



SLJST100

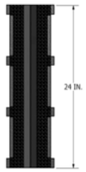
SLJST100 & SLJST200 SUPERLIFT JACK STAND TRANSPORTER

- Available for 100 and 200 ton Superlift Jack Stands

AME SUPERSTACKER™ CRIBBING BLOCK

- Certified and tested
- Interlocking or aggressive non-slip surface
- Non-conducting plastic resists oil and most chemicals
- Does not splinter, like wood

MODEL	DIMENSIONS	COLOR	WEIGHT
15230	6" x 7" x 24"	Black	26.3 lbs (11.9 kg)
15239	6" x 7" x 24"	Black	27 lbs (12 kg)



SUPER STACKER CRIBBING



15230

PRIMO SUPER STACKER CRIBBING



15239



14468LT LOCKY TOP JACK PLATE

- New interlocking design provides greater stability when stacking cribbing blocks
- Easy to handle lanyard, molded out of durable high-density polymer
- Non-skid surface prevents jacks from sliding under wet or oily conditions
- Dimensions: 24" (61 cm) L x 24" (61 cm) W x 2" (5.08 cm) H
- Weight: 24 lbs (10.9 kg)

AME SUPERSTACKER™ KIT

- Certified and tested
- Interlocking or aggressive non-slip surface
- Non-conducting plastic resists oil and most chemicals
- Does not splinter, like wood
- Carrying lanyards provided on all 6" x 7" and on 4" x 4" crib blocks
- Made from 100% recycled plastic
- Can be used with Lincoln Log mating or pyramid mating
- Sold separately or in kits (see table)



15661

KIT NUMBER	15230	15239	14468LT
15260	12	-	-
15260P	-	12	-
15254	24	-	-
15254P	-	24	-
15661	30	-	-
15661P	-	30	-
15266	12	-	1
15266P	-	12	1
15269P	-	12	2



14468LT



15239



TG35



35359



T11E



TG11E



TG11D



T11ES



T24B



T26B

HEAVY-DUTY HAMMERS

MODEL NO.	ITEM NO.	DESCRIPTION	REPLACEMENT HANDLE	LENGTH	HEAD WEIGHT
TG35	35423	Fiber Glass Handled	TG11CH	18" (46 cm)	4.8 lbs (2.2 kg)
35359	35359	Universal HD Wheel Weight Hammer	T11EHS	12" (30.5 cm)	3 lbs (1.4 kg)

BEAD BREAKING WEDGES

MODEL NO.	ITEM NO.	DESCRIPTION	REPLACEMENT HANDLE	LENGTH	HEAD WEIGHT
T11E®	35329	Wood-Handled Wedge	T11EH	30" (76.2 cm)	8 1/2 lbs. (3.9kg)
TG11E	35429	Fiberglass Handled Wedge	TG11EH	32" (81.3 cm)	8 1/2 lbs. (3.9kg)
TG11D	35427	Fiberglass Handled Wedge	TG11DH	18" (46 cm)	4.8 lbs (2.2kg)
T11ES	35330	Wood-Handled Wedge	T11EHS	30" (76.2 cm)	11 lbs (5 kg)

HEAVY-DUTY IMPACT BEAD BREAKERS

MODEL NO.	ITEM NO.	DESCRIPTION	LENGTH	HEAD WEIGHT
T24B	35924	Economy	46" (117 cm) Length Extended 72" (183 cm)	13.5 lbs (6.1 kg)
T26B	35926	Heavy-duty	50" (127 cm) Length Extended 80" (203 cm)	23 lbs (10.4 kg)

35775



35776



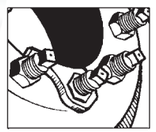
8 IN 1 WRENCH

Eight of the most popular size wrenches in one strong, professional, compact, and convenient tool. Also available in a 6 pc. merchandising display.

MODEL NO.	ITEM NO.	DESCRIPTION	LENGTH	SIZES
35775	35775	SAE	7 1/2"	5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
35776	35776	Metric	7 1/2"	10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm

TX9®



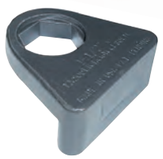


BUDD NUT WRENCHES

Wrenches hold outer cap nut on dual wheels while turning inner nut. Lip fits in hole to secure wrench in place. Sizes offered fit standard and metric Budd nuts.

MODEL NO.	ITEM NO.	DESCRIPTION	SIZE	WEIGHT
TX9®	30609	SAE	1 1/2" (38 mm)	.73 lbs (.3kg)
TX10	30610	METRIC	35mm	.7 lbs (.3kg)
TX12	30612	METRIC	41 mm	.7 lbs (.3kg)
TX200	30618	SAE (HEAVY-DUTY)	1 1/2" (38 mm)	2.6 lbs (1.2kg)
TX241	306019	METRIC	41 mm	2.6 lbs (1.2kg)

TX200



TR5

TRUCK WRENCH HANDLE

MODEL NO.	ITEM NO.	LENGTH	STOCK	WEIGHT
TR5	32318	22" (56 cm)	3/4" Hex	2.7 lbs (1.2 kg)

TUBELESS TIRE IRONS & SETS

Sets provide all irons necessary for a variety of tire changing applications. Use on standard and large truck tires, including industrial, farm, buses, and tractors.

MODEL NO.	ITEM NO.	DESCRIPTION	LENGTH	STOCK	WEIGHT
T46A	34747	Straight Mount/ Demount Tool	36" (91.4 cm)	3/4" (19 cm)	4 1/2 lbs. (2.0 kg)

FULL LINE KEN-TOOL CATALOG AVAILABLE UPON REQUEST.



T46A

TUBELESS TIRE IRONS & SETS

MODEL NO.	ITEM NO.	LENGTH	STOCK	WEIGHT
T45A®	34645	37" (94 cm)	3/4" (19 mm)	4.6 lbs. (2.1kg)
T45HD	34647	41" (104.1 cm)	7/8" (22 mm)	7 lbs. (3.2kg)
T45A-2000K™	34644	37" (94 cm)	3/4" (19 mm)	5 lbs. (2.2kg)
T45AS	34649	52" (132 cm)	7/8" (22 mm)	9 lbs. (4.1 kg)



T45A-2000K



T45AS

TUBELESS TIRE IRONS & SETS HEAVY-DUTY

MODEL NO.	ITEM NO.	DESCRIPTION	LENGTH	STOCK	WEIGHT
T47A	34847	Straight Mount/ Demount Tool	52" (132.1cm)	1" (25cm)	11 lbs. (5.0kg)



T47A



T23A

LOCK RING TOOLS

These tools are designed to remove lock rings on most trucks on the road today. A must have for anyone mounting or demounting multi-piece rims.



T48A

MODEL NO.	ITEM NO.	DESCRIPTION	LENGTH	STOCK	WEIGHT
T23A	33223	Truck Lock Ring Remover Designed Especially for Firestone RH And RI rims	30" (76.2 cm)	11/16" (17.5 cm)	3.1 lbs. (1.4 kg)
T48A	34648	Heavy-Duty Lock Ring Tool used for Multi-Piece Wheels, Especially Hub Types	37" (94 cm)	3/4" (19 mm)	4 1/2 lbs. (2.0 kg)

FULL LINE KEN-TOOL CATALOG AVAILABLE UPON REQUEST.

35444 DELUXE BLUE COBRA TRUCK TIRE SERVICE SET

Truck Tire Service Set contains all the tools you need to change most 22.5" and 24.5" tubeless truck tires quickly and easily. All parts can be purchased separately. Set ships in 1 Box, weighing 57 lbs.



35444

MODEL NO.	ITEM NO.	DESCRIPTION	QTY.
35440	35440	Blue Cobra Truck Tire Demount Tool; Demounts up to 425 wide tire	1
T45A	34645	37" Tubeless Tire Iron — Our Best Selling Bar!	1
T2022A30	33052	30" Double-End Tire Spoon	1
T11ES	35330	30" Bead Breaking Wedge w/Safety Handle, Use with T35 Hammer	1
T35	35323	16 1/2" H.D. Tire Hammer, With Replaceable Rubber Head	1
35848	35848	8 lb Bucket Euro Paste Lube; Dries Tacky with Rust Preventative	1
30512	30512	Euro-Style Lube Applicator Brush	1
31713	31713	Aluminum C-Lok™ Bead Holder	2
31810	31810	Leather Rim Protector — Patented!	1



T20A

TIRE MOUNT/DEMOUNT SPOONS

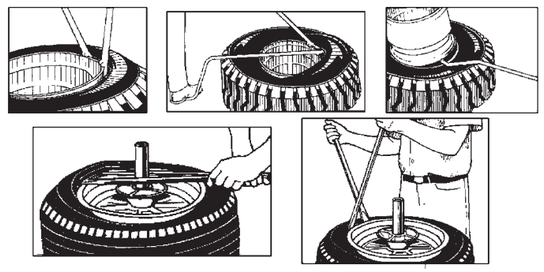
MODEL NO.	ITEM NO.	LENGTH	STOCK	WEIGHT
T20A	33220	30" (76.2cm)	11/16" (17.5mm)	3 lbs. (1.4kg)
T20	32120	24" (61 cm)	11/16" (17.5 mm)	2.4 lbs (1.1 kg)
T19A	33219	30" (76.2cm)	11/16" (17.5mm)	3 lbs. (1.4 kg)



T68

T68 WHEEL COVER PULLER/REPLACER

MODEL NO.	ITEM NO.	LENGTH	STOCK	WEIGHT
T68	31568	14" (35 cm)	7/16" (11.1 mm)	1.3 lbs (.6 kg)



SAFETY!

WARNING: SAFETY CAGES - TIRE CHANGING CAN BE DANGEROUS AND SHOULD BE DONE BY TRAINED PERSONNEL USING PROPER TOOLS AND EQUIPMENT AS DIRECTED BY FEDERAL OSHA STANDARD NO. 29CFR PART 1910.177. TIRES MAY EXPLODE DURING INFLATION CAUSING INJURY TO OPERATOR OR BYSTANDER. WEAR SAFETY GOGGLES. KEEP ALL PARTS OF BODY OUTSIDE CAGE. USE EXTENSION HOSE, CLIP-ON CHUCK, AND REMOTE VALVE. SEE SUPERVISOR FOR SAFETY PROCEDURES.



T59



T9520



T95



35630

4-WAY LUG WRENCHES

MODEL NO.	ITEM NO.	PART NAME	DESCRIPTION	STYLE	SOCKET SIZE	STOCK	LENGTH	WEIGHT
T59	35659	Four-Way Lug Wrench (Standard)	Passenger	Welded Center	3/4", 13/16", 7/8", 15/16"	22" (56 cm)	5/8" (16 mm)	4.2 lbs (1.9 kg)
T90	35690	Four-Way Lug Wrench (Standard)	Light Truck	Welded Center	7/8" deep well, 15/16", 1", 1-1/16"	25" (64 cm)	3/4" (19 mm)	7.2 lbs (3.2 kg)
T9520	35620	Four-Way Lug Wrench (Economy)	Passenger	Welded Center	3/4", 13/16", 7/8", 17 mm	20" (51 cm)	9/16" (14 mm)	3.4 lbs (1.5 kg)
T61	35661	Four-Way Lug Wrench (Economy)	Passenger	Welded Center	3/4", 13/16", 7/8", 17 mm	22" (56 cm)	9/16" (14 mm)	3.8 lbs (1.7 kg)
T62	35662	Four-Way Lug Wrench (Economy)	Passenger	Welded Center	3/4", 13/16", 7/8", 17 mm	18" (46 cm)	9/16" (14 mm)	3.2 lbs (1.5 kg)
T95	35695	Heavy-Duty Truck Lug Wrench (SAE)		Forged Center	1-1/16", 1-1/4", 1-1/2", 13/16" square	27-1/2" (70 cm)	1" (25 mm)	13.8 lbs (6.2 kg)
TC95	35595	Heavy-Duty Truck Lug Wrench		Forged Center	1-1/2", 13/16" square, 30, 33 mm	27-1/2" (70 cm)	1" (25 mm)	14.2 lbs (6.4 kg)
35630	35630	Economy Four-Way Lug Wrench for the Do-It-Yourselfer	Passenger Car	Welded Center, Chrome	11/16" (17 mm), 3/4" (19 mm), 13/16" (21 mm), 7/8" (22 mm)	20" (51 cm)	5/8" (16 mm)	3.7 lbs (1.7 kg)
35635	35635	Economy Four-Way Lug Wrench for the Do-It-Yourselfer	Passenger Car	Welded Center, Chrome	11/16" (17 mm), 3/4" (19 mm), 13/16" (21 mm), 7/8" (22 mm)	14" (36 cm)	5/8" (16 mm)	2.6 lbs (1.2 kg)

34555 SHARK FIN DUAL WHEEL SEPARATION BAG

Works on 15" to 24.5" dual and single wheels and tires on trucks and trailers. 3 ft. inflation hose. 9.75" x 8" x 3/8" height deflated, 5.5" height when fully inflated. 90 PSI max pushing pressure. 150 PSI max rated pressure.



34555

34549 4 PC. DUAL WHEEL SEPARATOR KIT

Makes removing stuck or frozen dual steel wheels quick and easy. Includes two pullers to cover large truck, trailer, and smaller light truck dual wheel applications. Also use to remove singles off hub.



34549

36047-KT TIRE & WHEEL SERVICE CENTER

Eye-catching 15" x 17" full color display card with photos and descriptions. Convenient mobile base makes positioning for optimum sales a breeze!

MODEL NO.	ITEM NO.	DESCRIPTION	QTY.
35110	35110	18" USA Hickory Tire Knocker	2
T19	32119	24" Straight Tire Spoon	2
T20A	33220	30" Curved Tire Spoon	2
T45A	34645	37" Tubeless Tire Iron	2
T45AC	34645C	37" Classic Tubeless Tire Iron	2
T45HD	34647	41" HD Tubeless Tire Iron	2
T46A	34747	26" Tubeless Tire Iron	2
T35	35323	16-1/2" HD Tire Hammer - Wood Handle	1
TG11E	35429	32" Bead Breaking Wedge, Fiberglass Handle	1
35637	35637	18" Passenger 4-Way Lug Wrench, SAE/Metric	2
35638	T9518	23" Light Truck/RV 4-Way Lug Wrench, SAE/Metric	2
TC95	35595	27" HD Truck Lug Wrench, Popular Lug Sizes	1
30721	30721	Wire Rack with Roller Base	1
36047-98	36047-98	Planogram Card with Tie Strap	1



36047-KT


T102


T103


T104


T105


T106


T108


T109


T110


T111


T112


T119

TIRE INFLATION CAGES

Mandatory for any shop working with tubeless and multi-piece rims. Made from heavy-gauge steel tubing welded to a steel base. Guards against blown lock rings and rims. Follow safety instructions on cage and OSHA regulation 29-CFR Part 1910.177. Meets OSHA regulation requirements for Medium, Heavy-Duty Truck, OTR, Tractor, and Super Singles. Ken-Tool offers a size and design for all your needs. For additional safety instructions, call Haltec customer service.


T101 (CLOSED) T101A

PORTABLE INFLATION CAGES

MODEL NO.	ITEM NO.	DESCRIPTION	A HEIGHT	B WIDTH	BASE	MAX PSI	WEIGHT
T101	36001	Portable 2-Bar	41" (104 cm)	16" (41 cm)	7" closed x 21-1/2" (18 cm x 55 cm)	130	60 lbs (27.2 kg)
T101A	36007	Portable Wide Base 2-Bar	43-1/2" (111 cm)	20-1/2" (52 cm)	7" closed x 27" (18 cm x 69 cm)	130	72 lbs (32.6 kg)
T119	36019	Portable Magnum 2-Bar	49-1/2" (126 cm)	24-1/2" (62 cm)	7" x 30" closed (18 cm x 76 cm)	130	80 lbs (36.2 kg)

INFLATION CAGES

MODEL NO.	ITEM NO.	DESCRIPTION	A HEIGHT	B WIDTH	BASE	MAX PSI	WEIGHT
T102	36002	4-Bar Cage	43-1/2" (111cm)	20-1/2" (52 cm)	31-1/2" x 26" (80 cm x 66 cm)	130	146 lbs (66.2 kg)
T103	36003	3-Bar Passenger & Light Truck Cage	30" (76 cm)	16" (41 cm)	21-1/2" x 22" (55 cm x 56 cm)	130	80 lbs (36.2 kg)
T104	36004	3-Bar Cage (OTR & FARM)	65" (165 cm)	24" (61cm)	30" x 27" (76 cm x 69 cm)	130	158 lbs (72.6 kg)
T105	36005	5-Bar Cage	43-1/2" (111cm)	20-1/2" (52 cm)	41" x 26" (104 cm x 66 cm)	130	182 lbs (82.5 kg)
T106	36006	3-Bar Cage	43-1/2" (111cm)	20-1/2" (52 cm)	26" x 22" (66 cm x 56 cm)	130	134 lbs (60.7 kg)
T108	36008	7-Bar Cage	46" (117 cm)	29" (74 cm)	56" x 34" (86 cm x 142 cm)	130	485 lbs (220 kg)
T109	36009	5-Bar Magnum	41-1/2" (105 cm)	24-1/2" (62 cm)	48" x 30" (122 cm x 76 cm)	130	211 lbs (96 kg)
T110	36010	5-Bar Supermagnum	41-1/2" (105 cm)	24" (61 cm)	48" x 30" (122 cm x 76 cm)	130	248 lbs (112.7 kg)
T111	36011	10-Bar Earthmover	76" (193 cm)	42" (107 cm)	48" x 72" (122 cm x 183 cm)	100	828 lbs (376.4 kg)
T112	36012	12-Bar Cage	87" (221 cm)	48" (122 cm)	60" x 80" (152 cm x 213 cm)	100	1200 lbs (545 kg)


T113
T118


T114

36014-T114 EZ TIRE ROTATOR FOR INFLATION CAGES

- Reduces back strain while handling large tire and wheel assemblies
- EZ Tire Rotator fits any Ken-Tool 3-Bar, 4-Bar, and 5-Bar Inflation Cage, plus many competitive cages
- No need to lift or remove rim/wheel assembly from cage when repositioning valve stem for access through the cage tubes
- Allows tire tech to easily and quickly rotate rim/wheel assembly inside the safety cage in order to adjust position of valve stems
- Reduces handling, back strain and user fatigue; increases safety
- Easily installed or moved to another cage-no fastening required
- No assembly required; simply place in center of the cage
- Feature heavy-duty 2" ball-bearing rollers and 1/4" thick steel stock for long service
- Boxed and UPS shippable
- Made in the USA. Patented

EZ TIRE ROTATORS™

MODEL NO.	ITEM NO.	DESCRIPTION	LENGTH	WEIGHT
T113	36013	Magnum EZ Rotator™ with Ramp	25" x 28" (64 cm x 71 cm)	22 lbs (10 kg)
T114	36014	EZ Tire Rotator™	17-1/2" x 25-1/2" (44 cm x 65 cm)	16 lbs (7.3 kg)
T118	36018	EZ Rotator™ with Ramp	25" x 25" (64 cm x 64 cm)	21 lbs (9.5 kg)


KT55


KT65


KT4650


KT4800

VISES

MODEL NO.	ITEM NO.	DESCRIPTION	WEIGHT	JAW WIDTH	JAW OPENING	THROAT DEPTH	PIPE JAW CAPACITY
KT55	64055	Professional Workshop Vise	27 lbs (12.3 kg)	5-1/2" (14 cm)	7-1/2" (19.1 cm)	3-1/4" (8.3 cm)	1/8"-2-1/2" (.3-6.4 cm)
KT65	64065	Professional Workshop Vise	38 lbs (17.3 kg)	6-1/2" (16.5 cm)	9" (22.9 cm)	3-7/8" (9.8 cm)	1/8"-3-1/2" (.3-8.9 cm)
KT4650	64650	Professional Reversible Mechanic's Vise	52 lbs (23.6 kg)	6-1/2" (16.5 cm)	9"-12" (22.9-30.5 cm)	4" (10.1 cm)	1/8"-4-1/4" (.3-10.8 cm)
KT4800	64800	Professional Reversible Mechanic's Vise	74 lbs (33.6 kg)	8" (20.3 cm)	11"-14" (28-35.6 cm)	4-7/8" (12.4 cm)	1/8"-4-1/4" (.3-10.8 cm)

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POLICY & WARRANTY

PRODUCTS
Subject to change without notice. Haltec Corporation is not responsible for inadvertent typographical errors or omissions.

RETURNED GOODS
No return goods will be accepted unless authorized in writing by Haltec Corporation. All return goods must be shipped prepaid to the factory, and are subject to a restocking charge. Special items are not returnable.

SHIPMENTS
No minimum order is required.

WARRANTY
Haltec Corporation, Salem, Ohio, warrants its tire valves and tire valve hardware to be free from defects in workmanship and materials for a period of 60 days from date of shipment from plant. Haltec will replace any item found to be defective, or, at its option, will refund the purchase price of such item, provided that notice of the defect is given by the buyer within 60 days from date of shipment. The foregoing warranty is in lieu of all other warranties, expressed or implied.

SAFETY PRECAUTIONS
Tire and Rim Servicing can be dangerous, and should be done by trained personnel using proper tools and procedures. The Occupational Safety and Health Administration has a safety standard for the servicing of single-piece and multi-piece rim wheels (OSHA std 29 CFR 1910.177) to include requirements for the safe servicing of rims used on passenger, truck, trailers, buses and off-road vehicle equipment.
All tire servicing should be performed by persons trained properly. Haltec has copies of this safety standard available upon request. Ask for the standard entitled "Servicing Single-Piece and Multi-Piece Rim Wheels." Failure to comply with these procedures as well as procedures recommended by Tire Manufacturers and Wheel and Rim Manufacturers may result in faulty positioning of the tire and rim and cause the assembly to burst with explosive force sufficient to cause serious physical injury or death. Haltec has developed a list of recommendations relating to the use of our products.

1) Prior to any tire work, the valve core should be removed to exhaust all air from the tire/wheel assembly.
2) Check the valve system by running a piece of wire through the stem to make sure it is not plugged.Tire/wheel assemblies are known to have contaminants in the assembly (dirt, dust, rust particles, etc.).
3) Use only tools which are recommended in the Tire Manufacturers and/or Rim Manufacturers catalog for the type of rim being serviced.
4) Use air servicing equipment that allows the person to stand outside the trajectory of the wheel and tire assembly.
5) Where a core housing (for tractor or Super Large Bore Valves) is involved, never loosen or attempt to remove the core housing until the air pressure is relieved.
6) When servicing an assembly with a core housing valve, use the proper inflation adapter for the intended service (310 Adapter for Tractor Service, CH-3 Core Housing, IN-100 for Super Large Bore, CH-8 or CH-16, Z12 for Z-Bore, MB-8 for Mega Bore, or IN-95 for SLB, Z-Bore and new Mega Bore with removable core housing).





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