

**AN ISO 9001/2000
CERTIFIED COMPANY**

**Dedicated to Leadership
in Tire Valve Systems
for today and tomorrow.**



HALTEC
CORPORATION [®]

Full Line Catalog 10/03

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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 or rim and cause the assembly to burst with explosive force sufficient to cause serious physical injury or death.

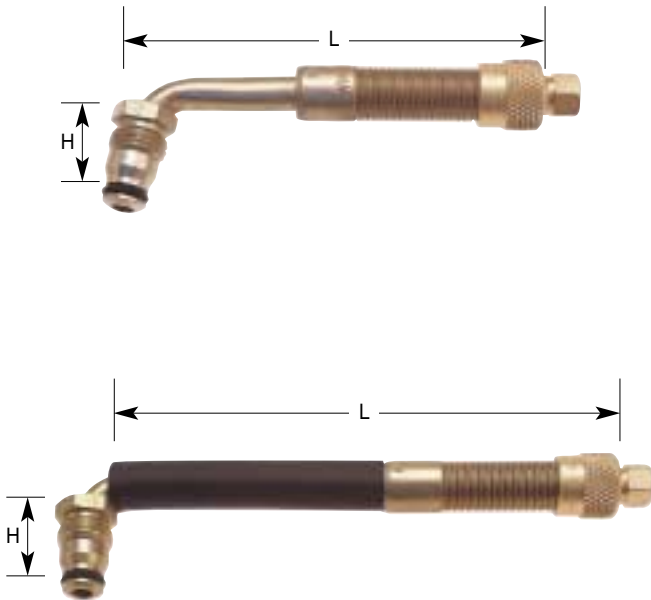
Haltec has developed a list of recommendations relating to the use of our products.

- 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-80A for Super Large Bore, CH-8 or CH-16, Z12 for Z-Bore, MB-8 for Mega Bore).



LARGE BORE VALVE SYSTEM

SINGLE BEND SWIVEL VALVES



- ANY OTHER LENGTHS CAN BE ORDERED
- ALL VALVES EQUIPPED WITH CORE AND HEX CAP
- ON LENGTHS OVER 6", 2 LOCK NUTS ARE FURNISHED

ALL LARGE BORE SWIVEL VALVES CAN BE USED WITH ANY OF THE RIM SPUDS SHOWN ON PAGE 3.

Haltec No.	TR No.	Bend Angle	"L" Horiz. Length		"H" Vert. Height	
			Inches	MM	Inches	MM
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	1 5/64	27.4
WH-45-2 1/2	J-4000-2 1/2	90°	2 1/2	63.5	1 5/64	27.4
WH-45-4	-	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	-	90°	5	127.0	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	-	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	-	90°	10	254.0	1 5/64	27.4
WH-45-10 1/2	-	90°	10 1/2	266.7	1 5/64	27.4
WH-45-12	-	90°	12	304.8	1 5/64	27.4
WH-45-13	-	90°	13	330.2	1 5/64	27.4
WH-45-24	-	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	-	90°	30	762.0	1 5/64	27.4
WH-45-32	-	90°	32	812.8	1 5/64	27.4
WH-45-36	-	90°	36	914.4	1 5/64	27.4
WH-46-J-651	J-651	90°	4 1 1/16	119.0	1 17/64	27.4
WH-46-4 1/2	-	90°	4 1/2	114.3	1 17/64	27.4
WH-46-9	-	90°	9	228.6	1 17/64	27.4
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 1 1/16	119.0	5 1/8	130.2
WH-52-2	-	25°	2	50.8	1 5/64	27.0
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	54.0
WH-59-J-656	J-656	90°	3 1 1/16	93.7	2 5/8	66.7

LARGE BORE VALVE SYSTEM

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°	4½	114.3	1 ⁵ / ₆₄	27.4
WH-70-J-661-10½	—	82°-8°	10½	266.7	1 ⁵ / ₆₄	27.4
WH-70-J-661-25½	—	82°-8°	25½	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°	8¾*	222.3	1 ⁵ / ₆₄	27.4
WH-70-J-664-12½	—	90°-13°	12½*	317.5	1 ⁵ / ₆₄	27.4
WH-70-J-667	J-667	90°-11°	7½*	190.5	1 ⁵ / ₆₄	27.4
WH-71-J-9	—	55°-35°	9	228.6	1 ³³ / ₆₄	38.5
WH-72-J-21¼	—	70°-20°	21¼	539.8	1 ⁵ / ₆₄	27.4
WH-72-J-28	—	70°-20°	28	711.2	1 ⁵ / ₆₄	27.4
WH-73-J-21¼	—	60°-30°	21¼	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

ALL LARGE BORE SWIVEL VALVES CAN BE USED WITH ANY OF THE RIM SPUDS SHOWN BELOW.

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-662-10½	—	90°-20°-20°	10½	266.7	1 ⁵ / ₆₄	27.4
WH-75-J-663	J-663	90°-8°-8°	25	635.0	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°	20⅛	511.2	1 ⁵ / ₆₄	27.4

- ANY OTHER LENGTHS CAN BE ORDERED
- ALL VALVES EQUIPPED WITH CORE AND HEX CAP
- ON LENGTHS OVER 6", 2 LOCK NUTS ARE FURNISHED

ALL LARGE BORE SWIVEL VALVES CAN BE USED WITH ANY OF THE RIM SPUDS SHOWN BELOW.

RIM SPUDS

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 ½" NPT-tapped hole in the rim. Can be replaced without dismounting tire.



K-431 Clamp-in Type Spud

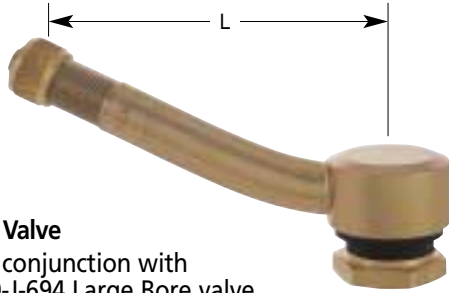
Installed from rim side for replacement without dismounting tire. Use #A-310, 5/16" Allen wrench to hold spud while installing. Do not use in continuous service. Temporary use only.



LARGE BORE VALVE SYSTEM

SPECIAL HYDROFLATING VALVES

For faster filling of tires with liquid. Does not contain valve core. Straight-through $\frac{5}{16}$ " 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	Horizontal Length		Cap
			Inches	MM	
WH-JF-994	JF-994	28°	3½	88.9	A-151



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	Length		Height	
		Inches	MM	Inches	MM
977S-5½	90°	5½	139.7	2	50.8
977S-11	90°	11	279.4	2	50.8



Large Radius, High Bend Air Valve Used with 977S

- All valves fit $\frac{13}{16}$ " valve hole.
- Uses A-145 valve core and A-149 cap.

Haltec No.	Bend Angle	Length		Height	
		Inches	MM	Inches	MM
114S-5½	90°	5½	139.7	2	50.8
114S-11	90°	11	279.4	2	50.8

TUBELESS TIRE REPAIR KIT



RK-800 Off-Road Tubeless Tire Kit

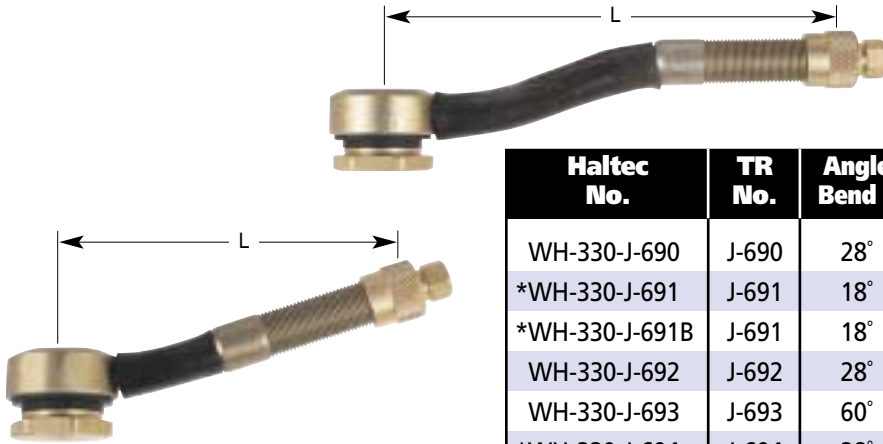
Consists of:

- RK-810 – Tire insertion tool (1)
- RK-820 – Tire material (1 box-50, 12" strips)
- RK-830 – Tire repair compound (8 oz.)
- RK-840 – Tire concentrated leak finder material (1)
- RK-850 – Tire concentrated leak finder applicator (1)

Items can be ordered separately

LARGE BORE VALVE SYSTEM

TURRET VALVE FOR PLANETARY GEAR WHEELS



All valves complete with core, cap, spud nut and grommet.

Haltec No.	TR No.	Angle Bend 1	Off Set		Horiz. Length		Angle Bend 2
			Inches	MM	Inches	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	127.0	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	23.0	4 ¹ / ₄	108.0	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 1¹/₁₆-12.

Haltec No.	Height		Cap
	Inches	MM	
T-670	1 ²⁵ / ₃₂	45.4	A-149

TANK VALVE

H-47

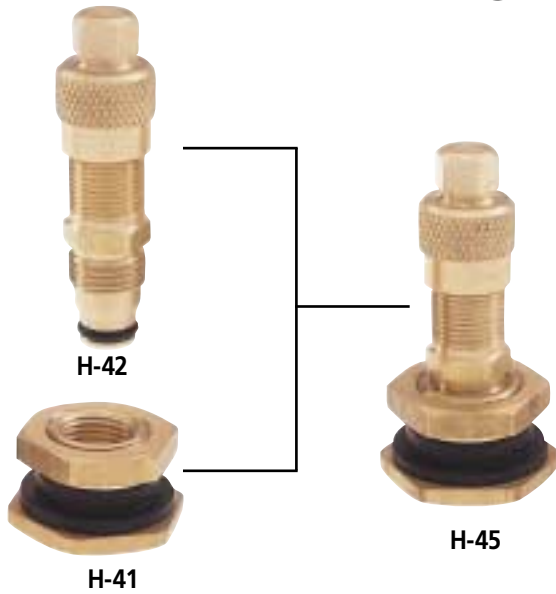


Screw-in type valve with 1/4" male pipe thread. Complete with core and cap.

Haltec No.	TR No.	Length	
		Inches	MM
H-47	J-671	1 ¹⁹ / ₃₂	40.5

LARGE BORE VALVE SYSTEM

STRAIGHT VALVES



Haltec No.	TR No.	Height	
		Inches	MM
H-41	SP-2	1 ¹ / ₁₆	15.8
H-42	TRJ-670-2	1 ¹ / ₂	38.1
H-45	TRJ-670-3	1 ⁵ / ₈	41.3

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.

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. 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	254.0
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	635.0
753S-29 ¹ / ₂	29 ¹ / ₂	749.3
753S-32	32	812.8

LARGE BORE VALVE SYSTEM

EXTENSIONS



Rigid Brass

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. "Teflon Seal" is available (part #F-454).

Other lengths can be ordered.



Flexible

Made with tough rubber hose and reusable hydraulic-type fittings. Equipped with 2 lock nuts and $\frac{3}{4}$ " 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.

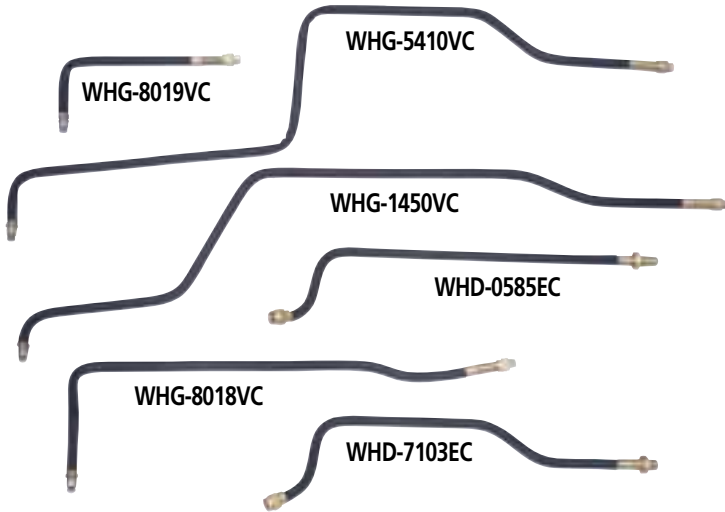
Other lengths can be ordered.

Haltec No.	Effective Length	
	Inches	MM
867-1 $\frac{1}{4}$	1 $\frac{1}{4}$	31.8
867-1 $\frac{1}{2}$	1 $\frac{1}{2}$	38.1
867-2	2	50.8
867-2 $\frac{1}{2}$	2 $\frac{1}{2}$	63.5
867-3	3	76.2
867-3 $\frac{3}{8}$	3 $\frac{3}{8}$	85.7
867-4	4	101.6
867-4 $\frac{1}{2}$	4 $\frac{1}{2}$	114.3
867-5	5	127.0
867-5 $\frac{9}{16}$	5 $\frac{9}{16}$	141.3
867-6	6	152.5
867-6 $\frac{7}{8}$	6 $\frac{7}{8}$	174.6
867-7 $\frac{1}{4}$	7 $\frac{1}{4}$	184.2
867-7 $\frac{3}{4}$	7 $\frac{3}{4}$	196.8
867-8	8	203.2
867-8 $\frac{1}{2}$	8 $\frac{1}{2}$	216.2
867-9	9	228.6
867-10	10	254.0
867-10 $\frac{3}{4}$	10 $\frac{3}{4}$	273.0
867-12	12	304.8
867-12 $\frac{1}{2}$	12 $\frac{1}{2}$	317.5
867-16	16	406.4
867-18 $\frac{7}{8}$	18 $\frac{7}{8}$	479.4
867-22 $\frac{1}{2}$	22 $\frac{1}{2}$	571.5
867-24 $\frac{1}{2}$	24 $\frac{1}{2}$	622.3

Haltec No.	Effective Length	
	Inches	MM
810F-8	8	203.2
810F-9	9	228.6
810F-10	10	254.0
810F-11 $\frac{1}{2}$	11 $\frac{1}{2}$	292.1
810F-12	12	304.8
810F-13 $\frac{1}{2}$	13 $\frac{1}{2}$	342.9
810F-16	16	406.4
810F-17	17	431.8
810F-17 $\frac{1}{2}$	17 $\frac{1}{2}$	444.5
810F-18	18	457.2
810F-18 $\frac{1}{2}$	18 $\frac{1}{2}$	469.9
810F-19	19	482.6
810F-20 $\frac{1}{2}$	20 $\frac{1}{2}$	520.7
810F-21 $\frac{1}{2}$	21 $\frac{1}{2}$	546.1
810F-22 $\frac{1}{2}$	22 $\frac{1}{2}$	571.5
810F-23	23	584.2
810F-23 $\frac{1}{2}$	23 $\frac{1}{2}$	596.9
810F-24 $\frac{1}{2}$	24 $\frac{1}{2}$	622.3
810F-25	25	635.0
810F-29 $\frac{1}{2}$	29 $\frac{1}{2}$	749.3
810F-32	32	812.8
810F-40	40	1016.0

LARGE BORE VALVE SYSTEM

CUSTOM-BENT SWIVEL VALVES AND EXTENSIONS FOR SPECIAL APPLICATIONS



Haltec No.	Overall Length (Inches)	Number of Bends	Type
WHD-0585EC	17 ¹⁵ / ₁₆	4	Extension
WHD-5008EC	17 ¹³ / ₁₆	4	Extension
WHD-7103EC	16 ¹ / ₄	4	Extension
WHD-9903EC	16 ⁷ / ₈	4	Extension
WHG-0570VC	19 ³¹ / ₃₂	5	Valve
WHG-1450VC	32 ⁷ / ₈	5	Valve
WHG-4985VC	19 ³ / ₄	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-9440VC	27	5	Valve
WHG-9470VC	31 ¹ / ₂	5	Valve

LARGE BORE SCREW-ON VALVES FOR INNER TUBES

Haltec No.	TR No.	(A) Angle Bend	(B) Vert. Height		(C) Horiz. Length	
			Inches	MM	Inches	MM
LB-216	J-1014	Straight	1 ²⁹ / ₃₂	48.4	-	-
LB-217	J-1076A	Straight	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	73.0
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	Straight	5 ⁹ / ₃₂	134.1	-	-
LB-224	J-1175B	82°	1 ¹ / ₄	31.8	4 ¹ / ₄	108.0
LB-225	J-1175C	88°	1 ³ / ₈	34.9	4 ¹ / ₈	104.8
LB-226	J-1078A	Straight	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	Straight	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 ¹ / ₈	28.6	5 ¹ / ₂	139.7



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.

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.

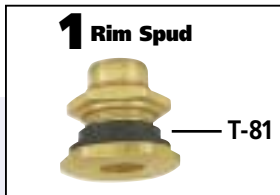
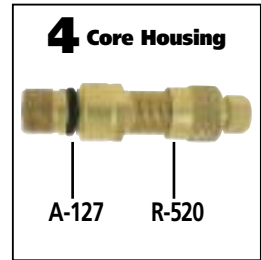
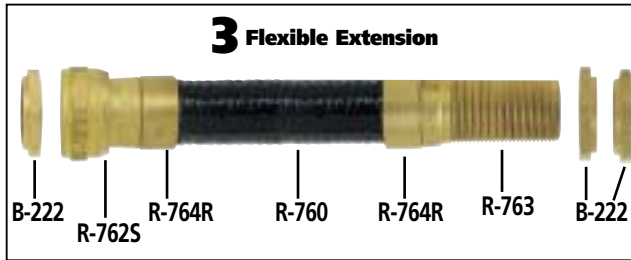
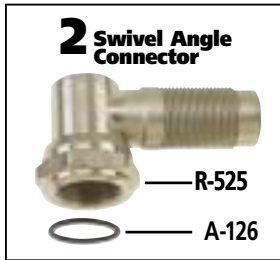


SUPER LARGE BORE VALVE SYSTEM

5 COMPONENTS OF THE HALTEC SUPER LARGE BORE SYSTEM



M-1950 complete swivel valve, including R-520 core housing and T-81 spud



M-1900, same as M-1950, but without T-81 spud

CLAMP-IN SPUDS

T-81 Clamp-In Spud

Fits the $\frac{13}{16}$ " diameter valve hole. The T-81 spud (TR-SP8) can attach any Super Large Bore valve to the rim through a standard valve hole ($\frac{13}{16}$ " diameter). Tire must be dismantled to change spud.



1 Rim Spuds

T-82 Clamp-In Spud

Similar to the T-81 spud but with an effective length $\frac{1}{4}$ " longer.



K-665 Outside Clamp-In Super Large Bore

Can be changed without dismantling tire. Fits $\frac{13}{16}$ " rim hole. Use A-325 $\frac{3}{8}$ " Allen wrench to hold spud while installing. Do not use in continuous service. Temporary use only.



SCREW-IN SPUDS $\frac{1}{2}$ " NPT TAPPED HOLE

C-100/C-155 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 $\frac{1}{2}$ " NPT-tapped rim hole. The spud can be changed without dismantling the tire. C-100 has internal thread for core housing. C-155 has no internal thread.



S-85 Angle Screw-In Spud

S-85 angle screw-in spud. Fits $\frac{1}{2}$ " NPT-tapped rim hole. 85° bend angle. Other angles available



S-85-D Angle Screw-In Spud

Furnished with a locking nut with a teflon seal so direction can be reversed. 85° bend angle.



SUPER LARGE BORE VALVE SYSTEM

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.

Haltec No.	Bend Angle
R-525	90°
R-685	85°
R-625	80°
R-675	75°
R-660	60°
R-529 5¼"	90°

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

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.

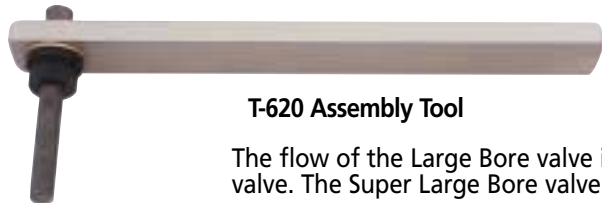
Another important benefit of the Haltec Super Large Bore System is the ability to customize your extension in the field. The R-969-K and R-969K-1 kits are available to field assemble your own flexible extensions with the T-620 assembly tool.

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



T-620 Assembly Tool

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 down time and the cost to service large off-the-road tire, 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 18 or the Z-Bore on page 14.

4 Core Housing or Check Valve

R-520 (TR-CH-8) Core Housing Complete with Core and Cap

The R-520 is designated as 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-80A adapter to utilize the larger opening and the fullest flow.



6185 (TR-L-860) Check Valve Complete with Cap

The 6185 design permits rapid inflation and deflation. Eliminates need for core housing and inflation adapter. Used with 6190 air chuck.



WARNING SAFETY PRECAUTION

Products illustrated in this catalog, as well as all products supplied by Haltec, should never be used by persons unless they have been trained properly in tire service according to O.S.H.A Regulation #29CFR 1910.177 entitled "Servicing Single-Piece & Multi-Piece Rim Wheels." Haltec has available copies of this regulation upon request.

6190 Quick Connection Inflation Chuck



Designed specifically for use with 6185 check valve. Sliding sleeve locks air chuck onto check valve and permits unrestricted air flow. Gauging can be done through valve on chuck. Positive air line shut off valve must be installed in back of air chuck.

5 IN-80A Super Large Bore Inflator Adapter

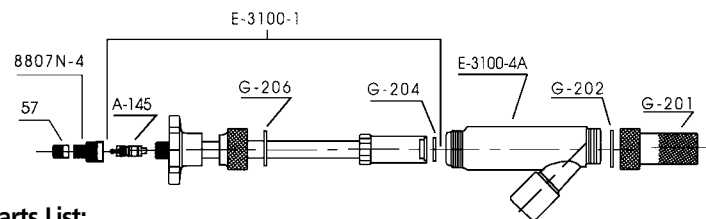
The Haltec design of the Super Large Bore inflator adapter offers many advantages.

- 1/2" 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.
- 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-80A 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.



Order G-327 kit to remove TV-CH-3 core housing, Large Bore and Standard Bore valve cores.



Parts List:

- G-201 Ejector Union
- E-3100-4A Adapter Body
- G-206 Gasket for E-3100-1
- 8807N-4 Cap Adapter
- E-3100 Complete Stem and Collet
- G-202 Gasket for G-201
- G-204 Snap Ring for Collet
- A-145 Large Bore Valve Core
- 57 Standard Bore Cap

SUPER LARGE BORE VALVE SYSTEM

OTHER VALVES AVAILABLE FOR SUPER LARGE BORE VALVES

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-850 Swivel Valve

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



MR-890 Turret Valve

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



M-2000 Swivel Valve Assembly

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



Custom Valves

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



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-210P



DS-210



DS-215



DS-226



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.

SUPER LARGE BORE VALVE SYSTEM



N-1538B
7 7/8" long super large bore turret valve with 15° bend, used on Caterpillar applications.



N-1543A
6 1/8" long super large bore turret valve with 15° bend, used on Caterpillar applications.

S-7910 Valve Support
For Super Large Bore



S-8860 Valve Support
For Large Bore

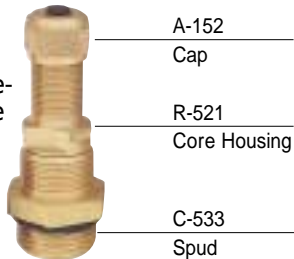
N-1066 Super Large Bore Loader Valve

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.



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-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.

SUPER LARGE BORE AIR-LIQUID VALVE FOR TRACTOR & GRADER

T-81 (SP-8)

Fits the 13/16" dia. rim hole.



H-50 (TR-F-910)
Straight Valve Assembly

Components T-81 spud and R-372 core housing.



R-372 (CH-16)

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



Z-BORE VALVE SYSTEM

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.

Z-Bore flows 370 CFM compared to 240 CFM on the Super Large Bore Valve System.

1 Rim Spuds There are three spud types available: the standard clamp-in spud, a screw-in spud and an angle screw-in spud. There is no temporary outside-in clamp-in spud for Z-Bore.

Z-2 Clamp-In Spud

Fits the $\frac{13}{16}$ " diameter valve hole. The Z-2 spud can attach any Z-Bore valve to the rim through a standard valve hole ($\frac{13}{16}$ "). Tire must be dismounted to change spud.



Z-1 Screw-In Spud

The screw-in spud is used to attach any of the Z-Bore valves to the rim and is designed to screw into a $\frac{1}{2}$ " NPT- tapped rim hole. The spud can be changed without demounting the tire.



Z-13 Screw-In Spud

The Z-13 screw-in spud screws into the $\frac{3}{4}$ " NPT-tapped rim hole and converts Mega Bore to Z-Bore.

Z-4 Angle Screw-In Spud

Fits $\frac{1}{2}$ " NPT-tapped rim hole. 85 degree bend angle.



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.



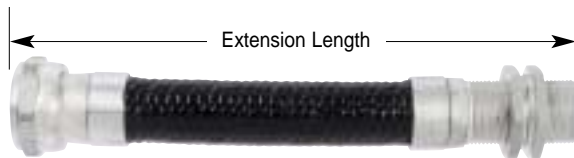
Z3-90

Haltec No.	Bend Angle
Z3-75	75°
Z3-90	90°
Z3-80	80°

Other Angles Available Upon Request. Use Z3 Angle.

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

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.



ZBFE -Length

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 Z-5 assembly tool.

Z-BORE VALVE SYSTEM

ZFAK – Assembly Kit for Z-Bore Valves

ZFAK consists of Z-8 Swivel connector, Z-7, straight tubing connector, two Z2-2 nuts, two Z-9 tubing connector sleeves and Z-10 core housing. Z-100 tubing is ordered separately.



4 The core housing is the final component. It contains a Large Bore valve core for servicing the tire assembly for routine pressure checks. The Z-12 inflator allows the complete removal of the core housing for the Z-Bore application.

Z-10 Core Housing

Complete with Core & Cap

The Z-10 is an integral part of the system as the Z-10 is removed from the valve assembly with the Haltec Z-12 Inflator to utilize the larger opening and the fullest flow.



Z-10

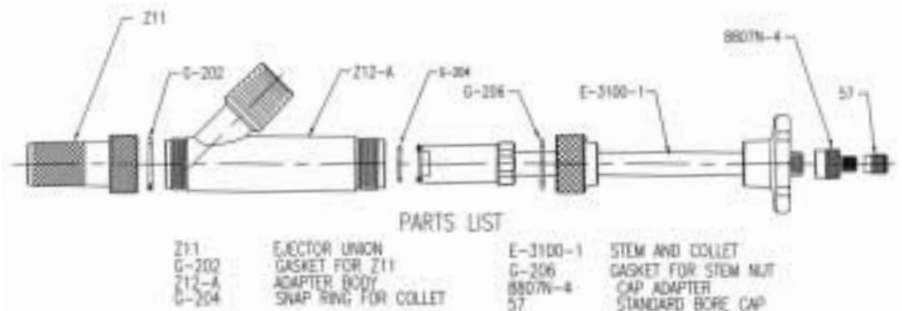
Z-12 Inflator

To maximize air flow, a Z-12 inflator is used to remove the core housing during inflation & deflation. This inflator operates like the IN-80A Super Large Bore inflator as seen on page 11.



Z-12

Z-11




PT VALVE SYSTEM

After fuel, tires are often a fleet's largest expense. The best way to insure 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 prevent air loss before it can cause permanent tire damage.

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

Patent Pending

PT Gauge




The PT Valve System is a new 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.

A specially designed tire valve allows for constant visual pressure checks. **In order to use the PT gauge you must use a special PT tire valve.**




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

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.

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-80A.

PT-EX



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

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 noted 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.

A-150 Cap



Valve cap used on PT-style valves. 5/8" hex.

TL-634



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

PT VALVE SYSTEM



PT-45-6



PT-330-3 1/2

Patent Pending

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	WJ-45-6 with PT grooves and O-rings	A-150
PT-330-J-690	WH-330-J-690 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

- 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.

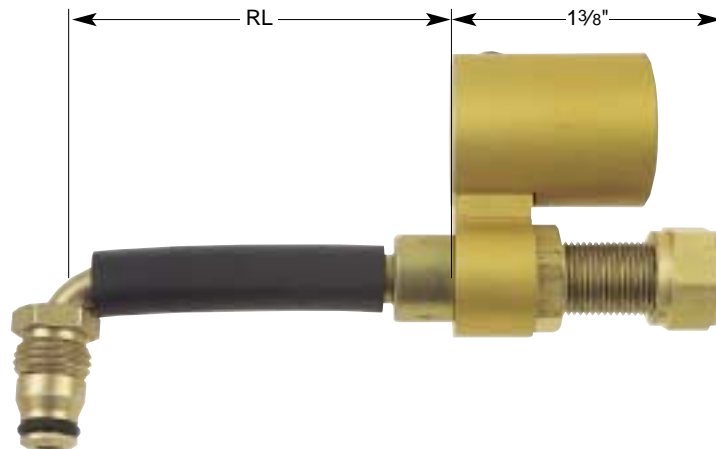
This gauge mounts on specially designed PT-style valves which allow visual tire pressure checks yet also allow for inflation, deflation and manual pressure checks without removing the gauge.

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

The PT Gauge is liquid filled to prevent damage from vibration.



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.



MEGA BORE VALVE SYSTEM

MB-20 Clamp-in Spud

Fits a $\frac{15}{16}$ " diameter valve hole. Tire must be dismounted to change spud. Attach any Mega Bore angle connector to the MB-20 spud.



MB-26 in Spud

Fits a $\frac{3}{4}$ " MPT threaded MB-26 valve hole, screw-in spud. Attach any Mega Bore angle connector to the MB-26 spud. Spud can be changed without disconnecting tire.



MB-12-85 Screw-in Angle Spud MB-12-75

The screw-in spud is used on a $\frac{3}{4}$ " tapped rim hole. Attaches to a MB-14 rigid or a FMB flexible Mega Bore valve. The spud can be changed without dismounting the tire.



MB-19-85 & MB-19-75 Angle Connectors

An angle connector screws onto the MB-20 spud. The other end of the connector accommodates a MB-14 rigid valve or a FMB flexible Mega Bore valve.



MB-29-85 Angle Connectors

An angle connector screws onto the MB-20 spud. The other end of the connector accommodates a MB-27 rigid valve or O-ring face Caterpillar seal hydraulic tire hose.



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 O-ring face Caterpillar seal hydraulic fittings.



MB-13 Valve Cap

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



The following must be used to maximize the airflow characteristics of the Mega Bore Valve System:

- A $\frac{3}{4}$ " NPT-tapped rim hole or a $\frac{15}{16}$ " diameter rim hole.
- $\frac{3}{4}$ " air line to the compressor with a minimum diameter through all fittings of $\frac{11}{16}$ ".
- Air compressor capable of 100 cfm (minimum) with a line pressure 30 psi above the desired tire inflation pressure.
- Use of the MB-8 Mega Bore inflator.

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.



MEGA BORE VALVE SYSTEM

FMB Length Mega Bore Flexible Valve

Screws into the Mega Bore angle connectors or screw-in angle spud. Can be made up 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 and air chucks.



Mega Bore Flexible, Field Assembled Extension

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



Components for Mega Bore Flexible Valve Field Assembly



MBAT Assembly Tool



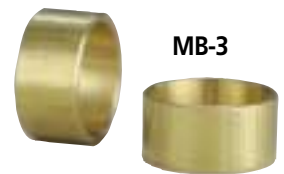
R-761 Tubing



MB-5A



MB-23



MB-3

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 $\frac{3}{4}$ " ball valve is used to open and close the air flow after the core housing is retracted with the TL-700.



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.



O-RINGS AND L-RINGS

STANDARD AND ARCTIC O-RINGS FOR TUBELESS RIMS

Haltec O-Rings

- 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 exceptional splice strength
- Extruded product allows diameter variation to meet the wide variety of rim O-ring grooves, both domestic and foreign
- Two compounds for all service conditions:
Standard -40°F to 180°F
Arctic -65°F to 180°F
- Customized product available for special applications

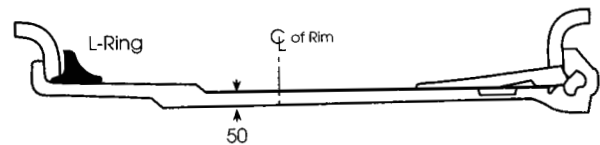
Haltec No.	Tire Type	Rim Size	Rod Diameter
OR-21-T	Highway	21"	.26
OR-25-T	Earthmover	25"	
OR-20-JM	Highway (JM Rim)	20"	
OR-22-JM	Highway (JM Rim)	22"	
OR-24-JM	Highway (JM Rim)	24"	.28
OR-215-H	Grader	15"	
OR-217-L	Grader	17"	.26
OR-220-TG	Grader	20"	
OR-224-TG	Grader	24"	
OR-225-T	Grader	25"	
OR-321-T	Earthmover	21"	.375
OR-325-T	Earthmover	25"	
OR-329-T	Earthmover	29"	
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"	.5
OR-449-T	Earthmover	49"	
OR-451-T	Earthmover	51"	
OR-457-T	Earthmover	57"	
OR-463-T	Earthmover	63"	
OR-469-T	Earthmover	69"	

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-ring 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.



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 A BROKEN BEAD IS SUSPECTED.
- ALWAYS FOLLOW THE RESPECTIVE MANUFACTURERS' 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.

Haltec No.	Description
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

TRUCK AND BUS VALVES

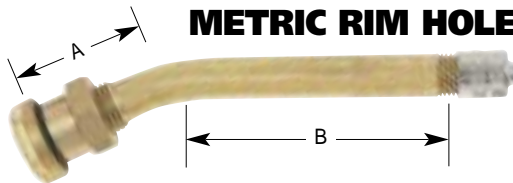
TRUCK AND BUS VALVES



Straight clamp-in valves used on both demountable and non-demountable rims. For .625" diameter valve hole.

Available in BENT FORM

Haltec No.	TR No.	Effective Length
TV-500	500	2"
TV-501	501	1½"
TV-570	570	3⅛"
TV-571	571	3¾"
TV-572	572	3¾"
TV-573	573	4¾"
TV-574	574	5"
TV-575	575	1⅛"



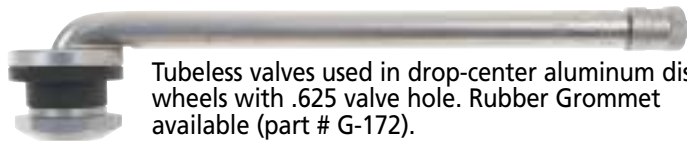
METRIC RIM HOLE VALVE (9.7MM VALVE HOLE)

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

Other sizes available upon request.

Haltec No.	ETRTO	Bend	A Height	B Height
60 MS-27	No ETRTO	27°	1⅜"	1⅜"
70 MS-27	V3-20-5	27°	1⅜"	1⅞"
80 MS-27	V3-20-7	27°	1⅜"	2"
90 MS-27	V3-20-4	27°	1⅜"	2⅜"
115 MS-27	V3-20-6	27°	1⅜"	3⅜"
41 MS-00	V3-20-1	STR	1⅜"	-

TRUCK VALVES FOR ALCOA 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°	4¾"
TV-510	TR-510	90°	5½"
TV-511	TR-511	90°	4¼"

TV-430 Tubeless Motorcycle Valve

Has O-ring seal, fits .327" valve holes. Effective length is 1⅜".



H-523MS Alloy Valve

A light alloy valve used on racing and light alloy wheels. Fits .453 valve hole and has O-ring seal.



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. ⅞" effective length with chrome finish. Fits .453 or .625 valve hole.

TV-6008

Same as above except brass finish.



TV-417 Clamp-in Valve (TR417)

This valve is designed for front-wheel drive Toronado ('66-'78) and El Dorado ('67-'78) cars. .453 valve hole.



TRUCK AND BUS VALVES

O-RING SEAL VALVES FOR ALCOA TRUCK WHEEL (9.7MM 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	.93	45°	1.43	HN-22
TV-543D	543D	.98	60°	1.38	HN-22
TV-543E	543E	.98	75°	1.38	HN-22
TV-544	544	2.9	-	-	HN-22
TV-544C	544C	.98	45°	1.94	HN-22
TV-544D	544D	.98	60°	1.94	HN-22
TV-545	545	3.5	-	-	HN-22
TV-545D	545D	.98	60°	2.6	HN-22
TV-545E	545E	.98	75°	2.6	HN-22
TV-546	546	4.25	-	-	HN-22
TV-546D	546D	.98	60°	3.35	HN-22
TV-546E	546E	.98	75°	3.35	HN-22
TV-547D	547D	.98	60°	3.78	HN-22
TV-546-36	546-36	.98	36°	3.35	HN-22

VALVES FOR FORD TRUCKS

TV-416LF

- Ford "Cut-Away" Series with Dual Wheels
- Accuride Steel 16"x16" Wheels
- Front & Rear Wheels
- Nickel Finish



TV-416/DS-1

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



TV-575HP/DS-1

- Ford "Cut-Away" And Cargo Van Series with Single Rear Wheels
- Accuride Steel 16"x7" Wheels
- Front & Rear Wheels
- Chrome Finish



TV-416MC

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



N-1600

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



PASSENGER, LIGHT TRUCK AND MISCELLANEOUS VALVES

H-5010V Valve for 16 x 6 KS Wheel With Oval Valve Hole

Circumferential rim slot for valve for 16 x 6KS and 16 x 6½LS rim contours.

Design allows a positive seal in this special valve hole. We recommend checking the valve hole for metal burrs prior to installation. Grommet is not replaceable.



Double Bend Valves

For tubeless truck and bus tires. Extra-low vertical height clamp-in type. Fits .625" valve hole.



TV-515

Haltec No.	TR No.	Effective Length
TV-513	513	2 ⁵ / ₈ "
TV-515	515	3 ¹ / ₄ "

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.



N-1147

Haltec No.	TR No.	Effective Length	Valve Hole
TV-416	416	1 ¹ / ₄ "	.453 or .625
TV-416L	-	2"	(both grommets furnished)

Clamp-In Valve

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



TV-416

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

High-Pressure Tubeless Tire Valve

Used to 100 psi cold inflation pressure. Fits .625" or .453" diameter valve hole, maximum rim thickness .205" at valve hole.

TV-801-HP and TV-802-HP designed for use with transporting mobile homes.



Haltec No.	TR No.	Effective Length	Valve Hole
TV-412	412	7 ⁷ / ₈ "	.453
TV-413	413	1 ¹ / ₄ "	.453
TV-414	414	1 ¹ / ₂ "	.453
TV-415	415	1 ¹ / ₄ "	.625
TV-418	418	2"	.453
TV-423	423	2 ¹ / ₂ "	.453
TV-425	425	2"	.625
TV-413-CH	Chrome	1 ¹ / ₄ "	.453
TV-418-CH	Chrome	2"	.453

Snap-In Tire Valve & Chrome Sleeve Tire Valves

Maximum cold inflation pressure 65 psi.



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 ³ / ₄ "	.453
TV-6020	45°		.453
TV-6030	STR.	1 ¹ / ₄ "	.453
TV-6040	STR.	1 ³ / ₄ "	.453

VALVE EXTENSIONS

TRUCK VALVE EXTENSIONS



HE-370 Series Light-Weight Extensions

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



HE-390 Series Light-Weight Extensions

Light-weight extensions are the same as above except with a long collar.



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.

Haltec No.	Description	Collar Type	Effective Length
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-391	Truck Extension	Long 1"	2 ¹⁵ / ₁₆ "
HE4430	Truck Extension	Long 1"	4"
HE-392	Truck Extension	Long 1"	5 ¹ / ₈ "
HE-393	Truck Extension	Long 1"	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"
Standard Style			
HE-381	Truck Extension	Long 1"	3 ¹ / ₁₆ "
HE-382	Truck Extension	Long 1"	5 ¹ / ₁₆ "
HE383	Truck Extension	Long 1"	6 ¹ / ₁₆ "

ALCOA STABILIZER AND 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.

Available in nine sizes. Each stabilizer kit contains 2 stabilizers and 2 extensions.



STABILIZER

Haltec No.	Fits Alcoa Wheel Size	Diameter Hand Hole	Hole Position
H-2125	19.5"	1.50"	Center
H-2126	19.5"	1.50"	Off-Center
H-2127	22.5x9.0	1.50"	Center
H-2225	22.5"	2.00"	Center
H-2245	24.5"	2.19"	Off-Center
H-2246	Peterbilt	Oval	Center
H-2227	22.5"	2.50"	Center
H-2247	24.5"	2.375"	Off-Center
H-2257	Freightliner 19.5"	Custom	Center

STABILIZER & EXTENSION KIT

Haltec No.	Stabilizers (2)	Extensions (2)
125392	H-2125	HE-392
126392	H-2126	HE-392
127393	H-2127	HE-393
225392	H-2225	HE-392
227392	H-2227	HE-392
245392	H-2245	HE-392
246392	H-2246	HE-392
247392	H-2247	HE-392
257392	H-2257	HE-392

VALVE EXTENSIONS

DOUBLE SEAL CAP

DS-1

This new double seal valve cap seals at the top of the cap which prevents dirt and water from penetrating the cap, eliminating the chances of clogged air passages due to ice and debris. Allows for inflation and deflation of tire without removing the cap. A great time saver.



PLASTIC VALVE EXTENSIONS



HE-350 Black Polymer Extensions

These light-weight truck extensions are made of a durable, tough plastic able to withstand the conditions tire valve extensions are exposed to, yet they are extremely lightweight. Designed for use where vibration and weight is a concern for valve stem breakage.

Haltec No.	Effective Length	Cap
HE-350	2.04"	A-100-VC-3
HE-350D	2.63"	DS-1
HE-351	3.82"	A-100-VC-3
HE-351D	4.41"	DS-1
HE-352	5.21"	A-100-VC-3
HE-352D	5.80"	DS-1
HE-353	5.94"	A-100-VC-3
HE-353D	6.53"	DS-1

BENT EXTENSIONS FOR STANDARD BORE VALVES



Haltec No.	Bend	Effective Length	Vertical Height
HE-200	90°	1 ³ / ₈ "	3/4"
HE-201	45°	1 ³ / ₈ "	3/4"
HE-202	135°	1 ³ / ₈ "	15/16"

SCREW-ON REPAIR VALVES



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

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 "

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".

Other lengths available upon request.

SFE-400 Length

Similar to the FE-300 series except has steel braided hose. Available in 7" and 10" lengths only.



#621-5 Clamp

HIGH-PRESSURE SHOCK STRUT VALVES

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

HIGH-PRESSURE INFLATING CONNECTIONS

These high-pressure inflating connections attach securely by hand or wrench to the valve cap threads of high-pressure valves.

H-556 High-pressure inflating connection

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-2755 High-pressure inflating connection

Fits .305-32" thread size with 3/8"-24 thread for 3/16" flare tube fitting, meets MS33656E3. Has core depressor pin and copper sealing washer. Maximum working pressure 3000 psi.

H-6116B High-pressure inflating connection

Fits .305-32" thread size with 1/8" NPT female connection with 70° bend. Equipped with hard fibre sealing washer. Used up to 3000 psi working pressure.

H-6116

Same as H-6116B except has straight extension.

H-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.



H-6116B

H-556

H-5007

SPECIAL APPLICATION PRODUCTS

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.

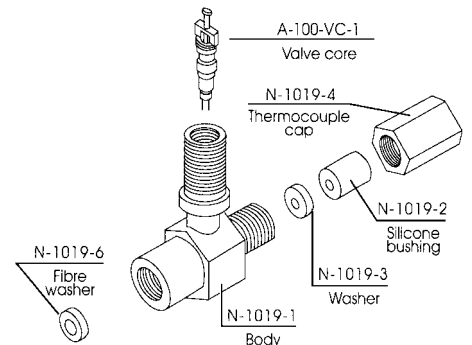
Haltec No.	OAL	Base Thread	Cap Thread	Hex Size
TV-399	1 ⁵ / ₁₆ "	1/8" NPT	.305-32	7/16"
TV-400	1 ⁵ / ₁₆ "	1/4" NPT	.305-32	9/16"
TV-401	2 ⁷ / ₃₂ "	1/8" NPT	.305-32	7/16"
TV-402	1 ⁵ / ₁₆ "	1/8" NPT	.305-32	7/16"
H-47	1 ¹⁹ / ₃₂ "	1/4" NPT	.482-26	9/16"

THERMOCOUPLE CONNECTION FOR TIRE TESTING



N-1019

Allows the testing facility to monitor internal temperature of the tire.



RADIAL TIRE BEAD SEATERS

One-piece rubber tube for mounting hard-to-seat radial, bias belted or conventional truck tires. As 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-50 for 16.5" and 17.5" Rims

TC-60 for 19.5" 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 14" Rims



Note: O.S.H.A. 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.



Wheel Shield HX-24

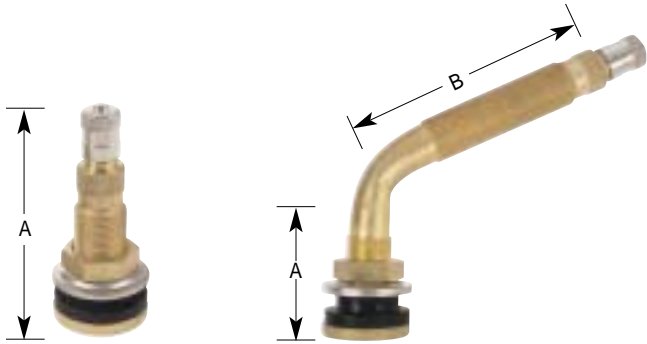
Protective cover for aluminum and chrome wheels. Snaps into place. Shows proper torque sequence numbers for wheel nuts.



Rim Guard HX-44

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

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 "	-	-	.625
TV-618B	TR-618B	1 ¹ / ₂ "	-	-	.625
TV-621A	TR-621A	1 ¹ / ₂ "	3	65°	.625
TV-622A	TR-622A	1 ³ / ₄ "	4 ¹ / ₂	90°	.625
TV-623A	TR-623A	1 ¹ / ₂ "	2 ¹ / ₄ "	65°	.625
N-1000	TR-619A	1 ⁷ / ₈ "	-	-	.812
H-50	TR-F910B	1 ¹³ / ₁₆ "	-	-	.812

TRACTOR AND GRADER TUBE

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



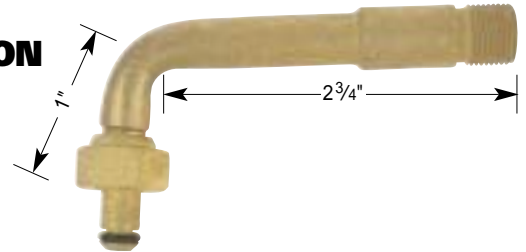
Haltec No.	TR No.	Base Dia.	Core Housing	Vertical Height	Valve Hole
TV-218R	TR-218A	2 ¹ / ₂ "	TV-CH-3	1 ⁷ / ₈ "	.625
TV-220R	TR-220A	2 ¹ / ₂ "	TV-CH-3	2 ¹⁵ / ₁₆ "	.625
TV-916R	TR-916A	3 ¹ / ₄ "	R-372	1 ⁷ / ₈ "	.812

AIR/LIQUID EXTENSION

TV-5905 Air/Liquid Extension

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

See pages 35 & 36 for Service Tools for Air Liquid Valves.



RIM NUTS AND BUSHINGS



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 36 for TL-LN-10 installation tool.



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 bushing and LN-13 nut.



B-6 Bushing
Fits over TR-13 tube valve when used in 5/8" valve hole.

CORE HOUSINGS

TV-CH-1

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



TV-CH-3

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



R-372/TR-CH-16

Fits SP816 tube spud and T-81 & C-100 spud.



RIM HOLE PLUGS

P-15 For Tube-Type Wheels

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



N-1012S

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



T-30

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



ALSP

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



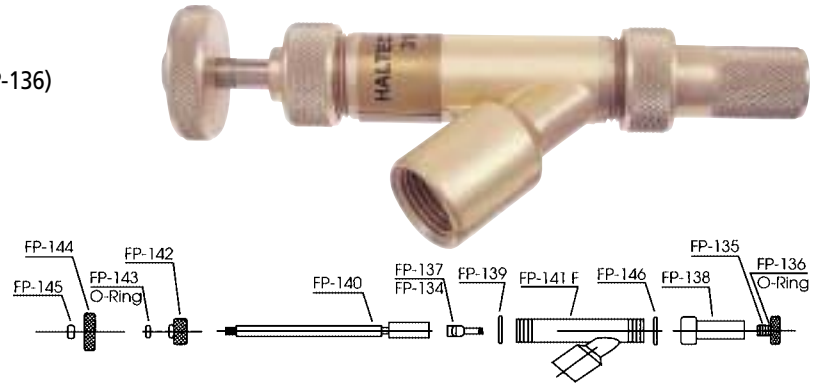
LIQUID FULL TOOLS

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 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.

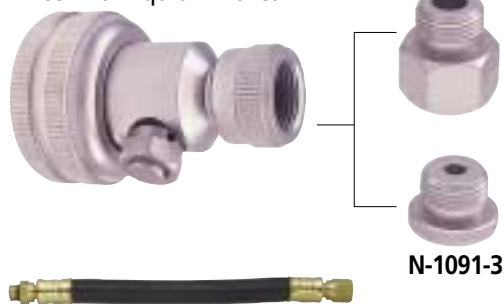
Parts List

- 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



Water Adapter

N-1091 For liquid fill tires



N-1057

Flexible extension for 310 gun.

Fluid Connectors



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

Nipple N-1452
1/2 NPT male
thread. For
fluid use.

Aqua Quick Fill

Haltec AQF-1 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.

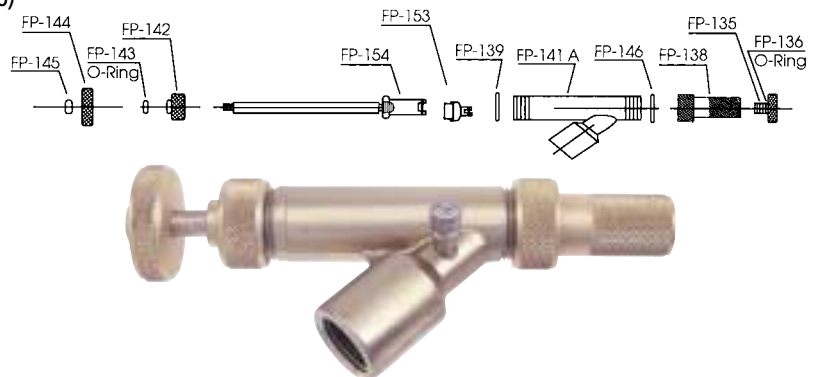
307 Urethane Fill Adapter

With Plastic Valve Plugs for Urethane Tire Filling Pumps

Attaches directly to the urethane pump discharge hose with a 1/2" female pipe thread. An adapter bushing is provided to attach the gun union to a standard size tire valve. By removing the adapter bushing, the union can be attached to a tractor-type valve (TR-218A), a grader valve (TR-618A), or any Large Bore valve (TR-650). Delrin plugs are used to seal the valve after the tire is filled with urethane up to the desired pressure. The plugs are self-threaded into the valve by pushing in the hand wheel and turning clockwise. This permanently seals the valve and the adapter can be removed immediately. This is a much more positive method of sealing a tire that has been filled with urethane.

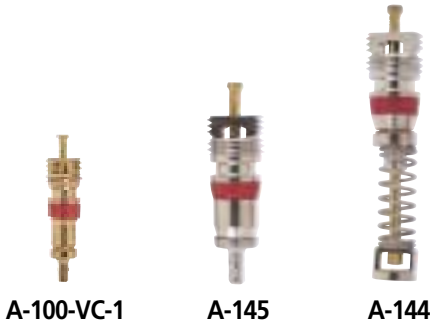
Parts List

- FP-135 Adapter for Standard Valve (Equipped with FP-136)
- FP-136 O-Ring for FP-135 Adapter
- FP-138 Valve Stem & Ejector Union (Equipped with FP-146)
- FP-139 Rubber Gasket
- FP-141A Adapter Body
- FP-142 Stem Sealing Nut
- FP-143 O-Ring for FP-142 (Stem Seal)
- FP-144 Hand Wheel
- FP-145 Hex Lock Nut
- FP-146 Teflon Gasket
- FP-153 Collet Adapter for Standard Valve Plug
- FP-154 Stem & Collet
- FP-155 Snap Ring for FP-153
- FP-156 Snap Ring for FP-154
- P-250 Standard Valve Delrin Plug
- P-251 Tractor & Grader Valve Delrin Plug
- P-252 Large Bore Valve Delrin Plug



VALVE CORES, CAPS AND ADAPTERS

VALVE CORES



Tire & Rim No.	Haltec No.	Description
C-1	A-100-VC-1	Standard Bore Heat-Resistant Core For Cars, Trucks, Busses
C-2	A-145	Large Bore Core (short). Fits 305-32 Threads
C-2	A-144	Large Bore Core (long). Fits 305-32 Threads

VALVE CAPS

Standard Bore



Tire & Rim No.	Haltec No.	Description
-	DS-1	Double Seal Valve Cap
VC-2	A-100-VC-2	Metal Screwdriver Valve Cap for Removing Valve Cores
VC-3	A-100-VC-3	Metal Dome Valve Cap
VC-8	A-100-VC-8	Plastic Dome Valve Cap
-	A-100-VC-12	Heavy-Duty Dome Cap for Truck Service. Has Heat-Resistant Sealing Washer
-	N-1202	Chrome-Plated Hex Cap

Large Bore



Tire & Rim No.	Haltec No.	Description
VC-6	A-148	Screwdriver Valve Cap. Fits .482-26 Valve Threads
VC-7	A-149	Hex Valve Cap for Easy Tightening and Removing with Wrench. Fits .482-26 Valve Cap
VC-10	A-147	Dome Cap
VC-4	8807N-3	Screwdriver Cap for 8807N-4 and AD-1 Adapters
-	A-151	Used Only with Hydro Inflating Valves. See Page 4
-	N-1135	Large Bore Deflating Cap

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 on .485-26 valve cap threads.



GROMMETS, HEX NUTS, WASHERS AND O-RINGS

Grommets



Tire & Rim No.	Haltec No.	Fits	Used On
RG-7	G-166	.625 Valve Hole	TV-618, 621A, 622A, 623A
RG-15	G-170	.625 Valve Hole	TV-500 Series, TV-570 Series
RG-16	G-162	.812 Valve Hole	Turret Valves, PB-210, H-1000
RG-22	G-160	.812 Valve Hole	H-41, T-81, T-30, DS-385, DS210
RG-46	G-172	.625 Valve Hole	TV-509, 510, 511
RG-48	G-174	.625 Valve Hole	TV-513, 515
-	G-165	.812 Valve Hole	K-431, K-665
-	G-170S	.625 Valve Hole	Heat-Resistant Grommet for TV-570 Series
RG-54	5976-5	.453 Valve Hole	TV-416, 416L, 6008
RG-39	5976-6	.625 Valve Hole	TV-416, 416L

Hex Nuts



Tire & Rim No.	Haltec No.	Fits	Used On
HN-1	464	.485-26	L.B. Valves, 753S, 810F, 867, TV-618A, 621A, 622A, 623A
HN-2	LN-1		FE-300 Series
HN-13	10071	.406-26	TV-500 Series, TV-570
HN-15	451	1 ¹ / ₁₆ -16	H-41, T-30
HN-17	HN-17	.406-28	TV-509, 510, 511
HN-18	HN-18	.406-26	TV-513, 515
HN-21	HN-21		TV-540 Series
HN-80	B-222	1 ¹ / ₁₆ -24	M-1900, M-1950, H-4000, MR-800, MR-850, T-81
LN-13	B9-2		B9A Assembly
-	452	1 ¹ / ₁₆ -24	K-431
-	463	.485-26	753S, 810F (Jam Nut)
HN-22	HN-22	-	H-543C, TV-540 Series

Washers



Tire Rim No.	Haltec No.	Fits Thread	Used On
-	453	1 ¹ / ₁₆ -24	K-431, K-665
RW-8	10058	.406-28	TV-500 Series, TV-570 Series
RW-11	W-1101-1	.485-26	TV-618A, TV-621A, 622A, 623A

O-Rings

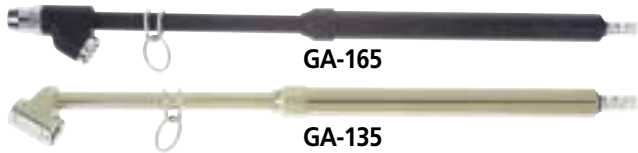


Tire & Rim No.	Haltec No.	Used On
-	A-126	R-762S, R-525 & SLB Angle Connections
-	A-127	R-520, R-372, R-521
-	0-320	Swivel Valves, H-43, H-42
-	10008	T-670
-	10009	M-5000
RG-30	0-330L	TR-540 Series Valves
-	A-128	DS-215, DS-226

SERVICE GAUGES

DUAL FOOT TRUCK SERVICE GAUGE

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



Gauge #	Calibration	Increments	Bar	Chuck Style	Finish
GA-135	10-150 PSI	2 PSI	Nylon	Angled Chuck	Chrome
GA-135S	10-150 PSI	2 PSI	Metal	Angled Chuck	Chrome
GA-135ADJ**	10-150 PSI	2 PSI	Metal	Angled Chuck	Chrome
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-155ADJ**	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-175*	10-150 PSI	2 PSI	Nylon	Angled Chuck	Black Polyurethane
GA-140	10-160 PSI	2 PSI	Nylon	Angled Chuck	Chrome/Poly
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

*Extended head design for easier engagement to the valve.

** Recalibratable

GA-185

This gauge has a special 180° reverse chuck to accommodate the small hand holes found on many of today's truck wheels.



DUAL FOOT TRUCK HIGH-PRESSURE GAUGE



Gauge #	Calibration	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 design for easier engagement to the valve.

TIRE GAUGE GRIP

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.



SERVICE GAUGES

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 gauge fits squarely on the tire valve. This prevents air leakage and guarantees accurate pressure readings.



GA-146



GA-125

Gauge #	Calibration	Increments	Bar	Service	Finish
GA-100	1-20 PSI	1/2 PSI	Nylon	Garden Tractors	Chrome
GA-105	10-50 PSI	1 PSI	Nylon	Passenger Tire	Chrome
GA-110M	10-50 PSA/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-100-DIS

Colorful display of 10 gauges of our GA-100 model

GA-105-DIS

Colorful display of 10 gauges of our GA-105 model

GA-115-DIS

Colorful display of 10 gauges of our GA-115 model

Personalized Gauges Available. Call For Details.

1-800-321-6471



N-1420H Truck Tread Depth Gauge

- Calibrated in millimeters and 1/32nds of an inch.
- Measures shoulder wear as well as tread depth.
- Durable metal construction, chrome-plated.
- Comes in a clear protective plastic pouch.
- Can be custom imprinted.
- Pocket-size.



GA-190 Tire Tread Depth Gauge

Quickly and accurately measures how much tread is left on tire. Calibrated in 1/32" units and millimeters. Chrome-plated brass with pocket clip.



DIAL GAUGES

GA-280 Dial-Type Pressure Gauge For Truck Service

Calibrated 0-160 psi in 1 lb. increments and 0-1100 in kPa metric scale. Recalibratable. Dial-type gauge with 12" flexible hose and CH-335 dual foot air chuck. Can be used with liquid fill tires (tractor service). Packed 1 to a box.



N-1055 Dial Gauge

Calibrated 0-160 psi in 5 lb. increments and 0-1100 in kPa metric scale. Holds pressure read out until released. Has 12" hose and CH-335 dual foot air chuck. For truck service.

GA-274 Standard and Large Bore Air Liquid Gauge

Calibrated 0-160 lbs. in 5 lb. units and 0-1100 in kPa metric scale. 14" flexible hose. Holds pressure readout until released.



GA-285 Dial Gauge With Rigid Extension

Calibrated 0-160 lbs. in 5 lb. units and 0-1100 in kPa metric scale. Features a 10" extension.



GA-289 Dial Gauge

Calibrated 0-160 lbs. in 5 lb. units and 0-1100 in kPa metric scale.



N-1510 Cap Gauge

Fits Large Bore and Super Large Bore valves. Calibrated 0 to 160 psi in 5 lb. increments. Allows visual inspection of tire pressure. See page 16 for the new PT gauge.



GA-276 Standard and Large Bore Dial Gauge With Extension Handle

Extension handle makes tire pressure measurement easier. Straight-on air chuck fits Standard and Large Bore valves. Overall length is 18". Calibrated to 0-160 psi in 5 psi increments and 0-1100 kPa. Holds pressure readout until released. Comes with a bleeder valve. Similar to GA-274



GA-290 Standard and Large Bore Air/Liquid Master Gauge

Straight-on air chuck fits both Standard and Large Bore valves. Has 12" flexible hose to get to those hard-to-reach valves. Calibration 0-160 psi in 1 lb. increments and 0-1100 in kPa metric scale. Has recalibration feature and replaceable filters. Packed 1 to a box. Haltec Posi-Seal washer.

LARGE BORE GAUGES



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 washer.

GA-255S

Same as above with metal indicating bar.



N-1410 Off-Highway Tire Tread Depth Gauge

Indicating bar is calibrated with 32nds on one side, other side is millimeters. Has magnified sight-glass for easy readability. Comes with a carrying holster. The finest instrument available.



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 Large and Standard Bore valves. Has nylon indicating bar and Haltec Posi-Seal washer.

GA-250S

Same as above with metal indicating bar



5131-Large Bore Tread Depth Gauge

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

LARGE BORE TOOLS

TL-680 Three-Way Large Bore Tool



For removing large bore cores, hex caps and screw driver caps.

ASP-10 Deflation Aspirator

Tube deflation aspirator for Large Bore.



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-690 Four-Way Large Bore Core Tool



Thread repair for core and cap threads and core remover. For Large Bore and Super Large Bore

LARGE BORE GAUGES, SERVICE TOOLS AND CHUCKS

LARGE BORE TOOLS



N-1910 Large Bore Core Remover
Has plastic handle for positive grip-OAL 6".



N-1810 Large Bore Hex Cap Remover
With plastic handle for positive grip-OAL 10".



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.



TL-631 Super Large Bore Rethreading Tool
Used to rethread $1\frac{1}{16}$ "-24 thread on any Super Large Bore valve.

N-1610 Large Bore Core Tool



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.

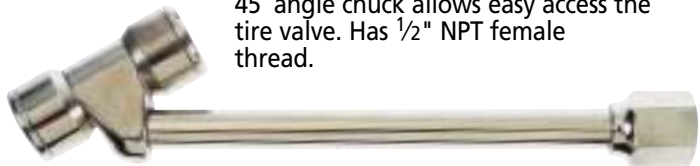


LARGE BORE AIR CHUCKS



326 Screw-On Air Chuck
Has .485-26 internal thread and $\frac{1}{2}$ " NPT external thread. Full flow for seating of tire beads.

322 Large Bore Dual Foot Air Chuck
 45° angle chuck allows easy access the tire valve. Has $\frac{1}{2}$ " NPT female thread.



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 $\frac{1}{4}$ " NPT female thread.



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 $\frac{1}{4}$ " NPT female thread.



H-4660 A Clip-On Air Chuck

Securely locks onto valve when sleeve is pushed forward, releases when sleeve is pulled back. Has $\frac{1}{4}$ " NPT female thread.



10013 Large Bore Screw-On Chuck

Fits $\frac{3}{8}$ " ID air hose.



6190 Quick-Connection Inflation Chuck

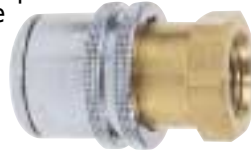
Designed specifically for use with 6185 check valve. Sliding sleeve locks air chuck onto check valve and permits unrestricted air flow. Gauging can be done through valve on chuck. Positive air line shut off valve must be installed in back of air chuck.



STANDARD BORE AIR CHUCKS

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.



CH-315 Ball Foot Air Chuck with Clip

$\frac{3}{4}$ " hex, brass with $\frac{1}{4}$ " 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. $\frac{1}{4}$ " NPT female thread.

Available for use with tire changers. Order CH-340-OP.



CH-318 Chuck Clip

For CH-315 and CH-315-OP.



CH-305 Ball Foot Air Chuck

$\frac{3}{4}$ " hex, brass with $\frac{1}{4}$ " NPT female thread.

Available for use with tire changers. Order CH-305-OP.



EUROPEAN-STYLE CLIP-ON AIR CHUCKS

N-1199 N-1200



N-1199 fits $\frac{3}{16}$ " hose.



N-1200 fits $\frac{1}{4}$ " I.D. hose-open style.

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 $\frac{1}{4}$ " I.D. hose.



CH-360



(CH-360)

This new chuck features the popular European-style clip with a brass $\frac{1}{4}$ " female fitting. Compact, durable and easy to use, this chuck is available either closed (CH-360) or open (CH-360-OP). Made in the USA.



(CH-360-OP)

STANDARD BORE AIR CHUCKS

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-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

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



CH-355-LO

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



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.



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-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.

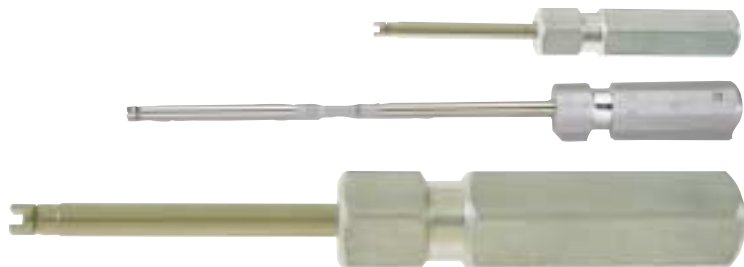


SHUR-LOCK VALVE CORE TOOLS

Haltec No.	Description	Length
TL-132	Valve Core Tool for Cars	1 ³ / ₄ "
TL-133	Valve Core Tool for Trucks	8 ¹ / ₄ "
TL-134	Valve Core Tool for Large Bore Cores	10 ¹ / ₂ "

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.

TL-133 Uses flexible shaft for hard to reach valves.



STANDARD BORE TOOLS

TL-610 Standard Bore 4-Way Valve Tool

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



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.



TL-620 Standard Bore Core Tool

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



TL-635 Standard Bore Valve Core Tool

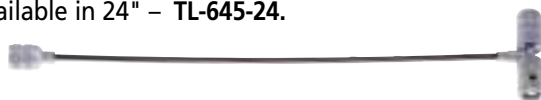
Haltec equivalent to Schrader 2688 and Eaton 5406. Tool is made from hex steel, making it very sturdy, yet economical.



TL-645 Valve Fishing Tool

Combines valve core wrench and deflating pin with flexible cable for fishing valve thru rim hole.

Available in 24" – TL-645-24.



TL-612 Standard Bore Core Tool

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



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-685 Core Installation Tool

Fits Large Bore

Fits Standard Bore



TL-615 Standard Bore 2-in-1 Valve Tool

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



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.



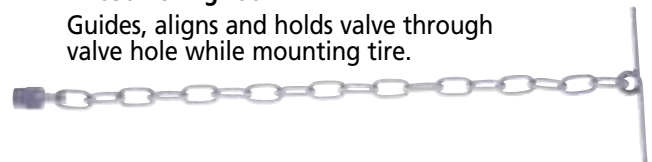
TL-665 Valve Stem Installation Tool

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



TL-650 Fishing Tool

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



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.



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.



AUTOMATIC TIRE INFLATION SYSTEMS

The CHOICE of service technicians throughout the world!

Haltec's Automatic Tire Inflation systems are easy to use, accurate and affordable. The built-in computer monitors the inflation/deflation of each tire constantly and displays the psi reading on a large easy-to-read LCD screen.

Choose the model and accessories that best suit your application:

Service Centers, Quick Lube Shops, Car Rental Facilities, Automobile Dealerships, Oil Change Stores *Single Tire Inflation*
 ● 89MDA-Indoor Use Only ● 89XDA-Indoor/Outdoor Use

Truck Fleet Operations, Large Tire Mounters, Heavy Duty Tire Service Centers *Multiple Tire Inflation*
 ● 89XDB-High Volume ● 89XDZ-High Volume/Over Inflator

89 MDA model is designed for use in vehicle service centers and quick lube shops.



Simple touch pad operation

Large, easy to read LCD screen

110 Volt AC Electric

Inlet hose from compressed air source 150 psi max (filtered)

Outlet hose to tire

All Inflation Systems are Nitrogen Capable

TECHNICAL SPECIFICATIONS

CONSTRUCTION	DieCast Aluminum Enclosure Polycarbonate Enclosure
POWER REQUIREMENT	110V a.c. or 12v d.c.
SIZE	8.661" x 8.661" x 3.937
UNIT OF MEASUREMENT	1 psi, kpa & bar available
OPERATING RANGE	5-145 psi (other ranges available)
ACCURACY	.3 psi throughout the scale
OPERATING TEMPERATURE	14° F to 122° F (-4° F -122° with optional heater)
1/4" INLET COMPRESSED AIR	150 psi max (filtered)

SAFETY PRECAUTION

Each model is designed to allow service technician to back-away during tire inflation.

Properly Inflated Tires:

- Extend Tire Life
- Improve Fuel Economy
- Improve Vehicle Performance
- Promotes Safe Vehicle Operation

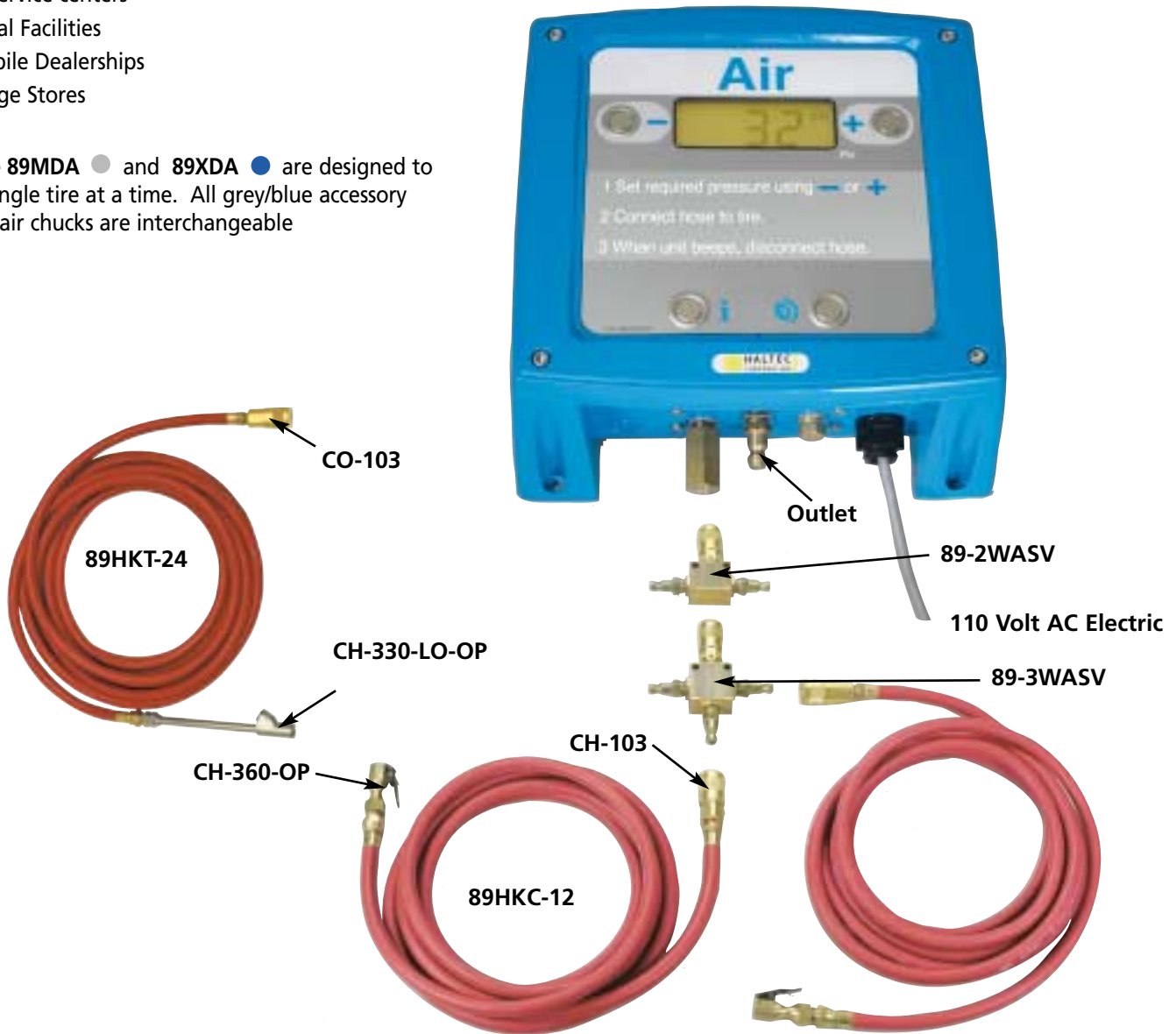
AUTOMATIC TIRE INFLATION SYSTEMS

APPLICATIONS ● ●

- Quick lube shops
- Vehicle service centers
- Car Rental Facilities
- Automobile Dealerships
- Oil Change Stores

Both these **89MDA** ● and **89XDA** ● are designed to inflate a single tire at a time. All grey/blue accessory hoses and air chucks are interchangeable

● **89XDA** model features Diecast Aluminum Enclosure Indoor/Outdoor use



Haltec No.	Product Description
89MDA Inflator	Polycarbonate Enclosure, indoor/outdoor use ●
89XDA Inflator	Diecast Aluminum Enclosure, indoor/outdoor use ●
89HKC-12 (car)	12" hose w/coupler & open air chuck (CH-360-OP)
89HKC-24 (car)	24" hose w/coupler & open air chuck (CH-360-OP)
89HKT-12 (truck)	12' hose w/coupler & open air chuck (CH-330-LO-OP)
89HKT-24 (truck)	24' hose w/coupler & open air chuck (CH-330-LO-OP)
89-2WASV	2-way automatic switching valve (2 hose)
89-3WASV	3-way automatic switching valve (3 hose)
CO-103	Replacement Hose Coupler, 1/4" Tru-Flate Type
CH-360-OP	Clip-on style open Air Chuck (car)
CH-330-LO-OP	Lock-on style open dual foot Air Chuck (truck)

NOTE: Automatic Switching Valves
Automatic switching valve for use with multiple hoses, single use application. Ideal for two service bay operation. Air flows to the hose being used and the other hoses are shut-off.

* Custom hose lengths and air chuck configurations available upon request.

AUTOMATIC TIRE INFLATION SYSTEMS

APPLICATIONS ●

- FLEET Operations
- Large Tire Mounters
- Heavy Duty Tire Service Centers

● 89XDB High Volume Automatic Tire Inflator is specifically designed to inflate tires on 19.5" rims and larger. It utilizes a 1/2" inlet hose to quickly and accurately inflate 1 to 4 tires. (3 minutes, 45 seconds to inflate 4 tires from 6 to 100 psi).

When inflating a single tire, the air chuck must be open style

To fill multiple tires at once, a 89-HMVN manifold must be used. When filling multiple tires the air chuck must be closed style.



IN-80A

IN-80A Featured on page 11, for use when filling single tire, reduces inflation time 60%, deflation time 80%

- The 89-HMVN manifold is available with 2 plugs to allow the hose configuration to be altered

- Note: 89-HMVN can be mounted directly to 89-3W, or it can be plumbed remotely using 1/2" rigid pipe or 1/2" flexible hose (89HAV-L)

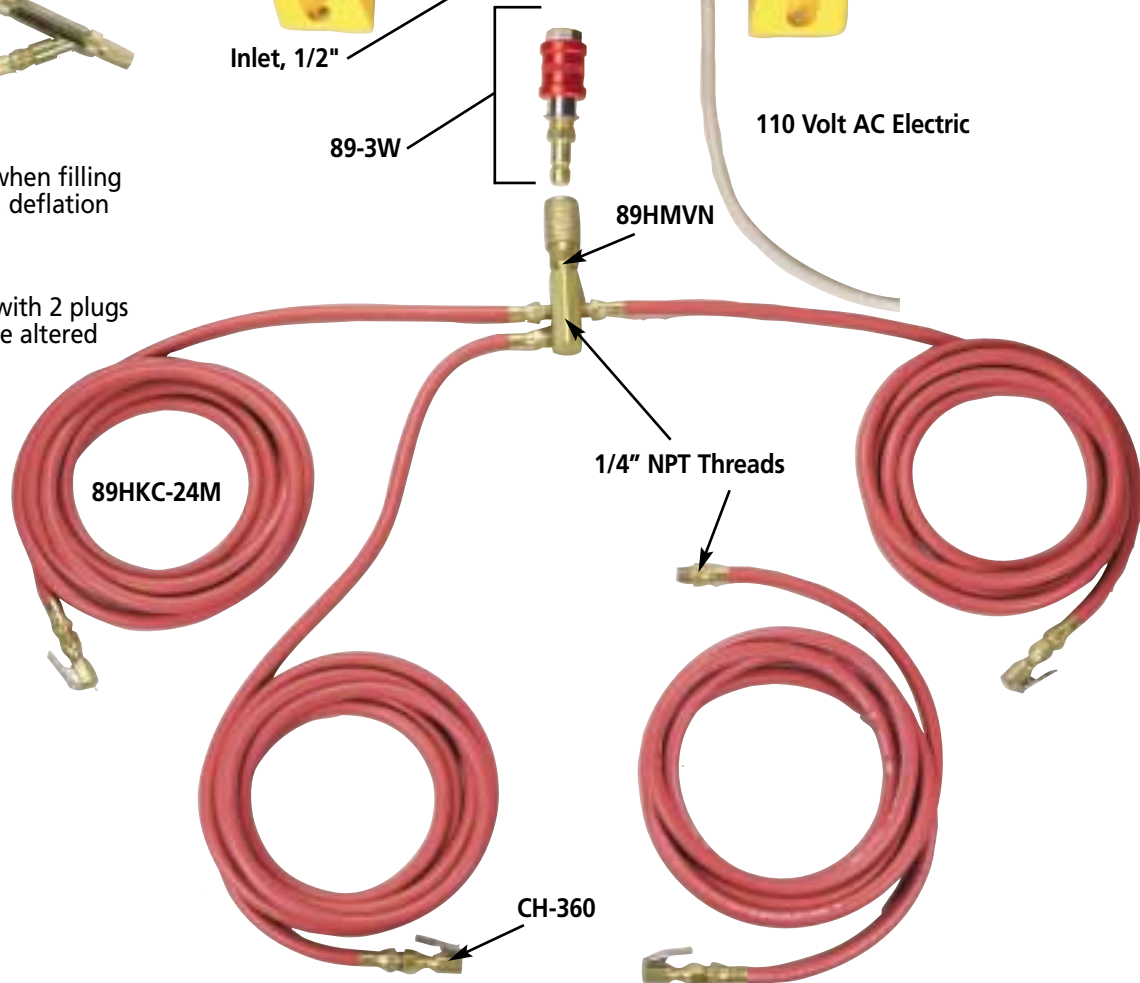


Inlet, 1/2"

89-3W

110 Volt AC Electric

89HMVN



89HKC-24M

1/4" NPT Threads

CH-360

AUTOMATIC TIRE INFLATION SYSTEMS

APPLICATIONS ●

- Heavy Duty Tire Service
- Large Tire Mounters
- Retread Operations

The **89XDZ** utilizes the same hose configurations and shares the same product accessories as the **89XDB** model. Both feature 1/2" inlet to rapidly supply air flow to the unit.

● **89XDZ** Over Inflator and High Volume Automatic Tire Inflator is specifically designed to inflate multiple tires to a pre-set over-pressure psi setting. The unit then performs a leak test to check for "zipper leaks" in the tire. It then automatically deflates the tire to the final pre-set required psi setting.

- 1 Over Inflation Setting
- 2 Required psi setting
- 3 Three pre-set pressure settings
- 4 Emergency stop/start
- 5 Flat Tire/Information



SAFETY PRECAUTION

These products, as well as all tire tools, should never be used by persons unless they have been trained properly according to O.S.H.A. Regulation #29CFR 1910.177 entitles "Servicing Single-Piece & Multi-Piece Rim Wheels"

Haltec No.	Product Description
89XDB Inflator	High Volume/Multiple Tire Inflator ●
89XDZ Inflator	High Volume/Over Inflator ●
89HVT-20 (single tire inflation)	20' 1/4" hose w/coupler (CO-111) & open air chuck (CH-330-LO-OP)
89HVL-20 (single tire inflation)	20' 1/4" hose w/coupler (CO-111) & open air chuck (H-4660A-OP)
89HVS-20 (single tire inflation)	20' 1/2" hose w/coupler (CO-111) & IN-80A Super Large Bore Adapter
89HKT-24M (multiple tire inflation)	24' 1/4" hose & closed dual foot air chuck (CH-330-LO)
89HKT-12M (multiple tire inflation)	12' 1/4" hose & closed dual foot air chuck (CH-330-LO)
89HVL-20M (multiple tire inflation)	20' 1/4" hose & closed clip-on air chuck (H-4660A)
89HKC-24M (multiple tire inflation)	24' 1/4" hose & closed clip-on air chuck (CH-360)
89HKC-12M (multiple tire inflation)	12' 1/4" hose & closed clip-on air chuck (CH-360)
89HMVN	1/2" manifold, required for multiple tire inflation, available w/two 1/4" manifold plugs
89-3W	1/2" replacement air flow control valve

* All multiple hose assemblies supplied with 1/4" NPT fittings

* Custom hose lengths and air chuck configurations available upon request

INFLATORS

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 button allows the operator to inflate or deflate. The gauge reads from 4 to 140 psi in 2 pound 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-420	Dial Gauge Inflator	16"	N-1200
I-415-3	Dial Gauge Inflator	3'	CH-360-OP
I-415-6	Dial Gauge Inflator	6'	CH-360-OP
I-415-9	Dial Gauge Inflator	9'	CH-360-OP
I-415-12	Dial Gauge Inflator	12'	CH-360-OP
I-430-3	Dial Gauge Inflator	3'	CH-330-LO
I-430-6	Dial Gauge Inflator	6'	CH-330-LO
I-430-9	Dial Gauge Inflator	9'	CH-330-LO
I-430-12	Dial Gauge Inflator	12'	CH-330-LO

I-405 Inflating Gauge Meets OSHA Requirements

Inflation unit with in-line gauge. Lightweight aluminum body with brass movement and O-ring seals. Calibrated 10-120 psi in 2 lb. increments - precise inflation control - 1/4" female NPT inlet with CH-360-OP clip-on air chuck. Replacement cartridge is available. Order Part I-405-D. Also available with hose lengths of 3' or 9'. Specify length when ordering.



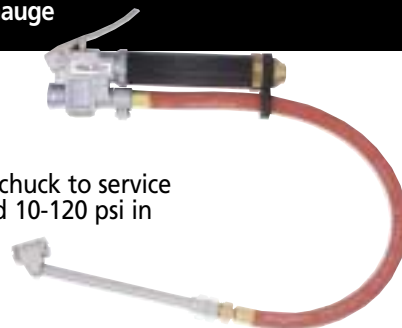
Haltec No.	Description	Hose Length	Air Chuck
I-405-3M	Inflator with Clip-on Air Chuck	3'	CH-360-OP
I-405-6M	Inflator with Clip-on Air Chuck	6'	CH-360-OP
I-405-9M	Inflator with Clip-on Air Chuck	9'	CH-360-OP
I-405-12M	Inflator with Clip-on Air Chuck	12'	CH-360-OP
I-405-3LOM	Inflator with Lock-on Air Chuck	3'	CH-330-LO
I-405-6LOM	Inflator with Lock-on Air Chuck	6'	CH-330-LO
I-405-9LOM	Inflator with Lock-on Air Chuck	9'	CH-330-LO
I-405-12LOM	Inflator with Lock-on Air Chuck	12'	CH-330-LO

I-405-LO Inflating Gauge

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

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.



INFLATORS



10013 Large Bore Screw-On Chuck
Fits $\frac{3}{8}$ " I.D. air hose.

I-401 Extra Heavy Duty Large Bore Inflator With Straight Clip-On Chuck
Five-foot Large Bore inflator has $\frac{1}{2}$ " ball valve with provision for checking air pressure and H-4660A straight lock-on-chuck. Rubber hose is 5' long. Inflator has a $\frac{3}{8}$ " I.D. for maximum air flow. Threaded for $\frac{1}{2}$ " male NPT hose fittings.



I-400 Large Bore Inflator
Same as I-401 above except with 10013 Large Bore screw-on chuck. Fits $\frac{3}{8}$ " I.D. air hose.

I-404 Heavy-Duty Dual 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 $\frac{1}{4}$ " male NPT hose fittings.



I-408 Dual Tire Inflator Gauge
Has five-foot 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 dual foot 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.

SAFETY PRECAUTION

These products, as well as all tire tools, should never be used by persons unless they have been trained properly according to O.S.H.A. Regulation #29CFR 1910.177 entitled "Servicing Single-Piece & Multi-Piece Rim Wheels."

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 bleed valve for adjusting tire pressure and CH-360-OP flow through clip-on air chuck.



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.



COUPLERS AND NIPPLES

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 USA.



1/4" Tru-Flate Type

Haltec No.	Desc.	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	-	-
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.	Desc.	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.	Desc.	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



CO-201



CO-301



CO-303

1/4" Industrial Type



NI-202



NI-204

Haltec No.	Desc.	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	-	-	-	-	-
NI-204	Nipple	1/4"	Female	5139-11	109	CP20	61-579	728	12-235
CO-303	Coupler*	1/4"	Male	5139-12	-	-	-	-	-
CO-201	Coupler	1/4"	Female	5142-12	102	C20	61-573	715	13-235

*Push-Type

COUPLERS AND NIPPLES



CO-204

3/8" Industrial Type



NI-206



NI-208

Haltec No.	Desc.	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

3/8" Tru-Flate Type



NI-108



NI-110

Haltec No.	Desc.	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

1/2" Tru-Flate Type



NI-112



NI-113

Haltec No.	Desc.	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

Universal Couplers



CO-801

Haltec No.	Desc.	NPT	Thread Type	Schrader	Dill	Amflo	Camel	Milton	Tru-Flate
CO-800	Coupler	1/4" - 18 NPTF	Female	-	-	C60	61-240	-	-
CO-801	Coupler	1/4" - 18 NPTF	Male	-	-	C61	61-241	-	-

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.

PDQ BRIGHTENER AND POLISH

Drivers love the brilliant shine of polished aluminum – but not the time and effort polishing takes. Now they can have great looking aluminum in less time with PDQ Brightener and Polish from Alcoa. PDQ perks up the shine on aluminum between heavy duty polish treatments.

- **PDQ works fast!** It applies easily to remove light oxidation and stains in just 5 minutes. Two specially treated Alcoa alumina abrasives work together to make a brilliant shine.
- **PDQ is economical!** Unique liquid formula spreads with ease, so you can polish a lot of aluminum from every bottle.
- **PDQ is from Alcoa!** Your customers know and trust the Alcoa name. Alcoa is recognized the world over as the leader in aluminum technology.



Haltec No.	Description
ALC-PDQ-2	PDQ 2-ounce polish
ALC-PDQ-8	PDQ 8-ounce polish
ALC-PDQ-16	PDQ 16-ounce polish

ALCOA ALUMINUM CARE SYSTEM

Shine 6 Times Longer

Now you can make the like-new luster of your aluminum last longer with the Aluminum Care System from Alcoa. Laboratory tests prove that aluminum treated with the three-step system resisted dulling oxidation more than *six times longer* than with ordinary cleaning and polishing.

Brighten your wheels, fuel tanks, fenders and other uncoated aluminum surfaces with the Alcoa Aluminum Care System. Not for use on coated or anodized surfaces.

Step 1 Cleaner

Specially formulated to dissolve moderate grime and condition the surface for polishing. Spray-on gel allows less dripping. Neat and easy to use on vertical surfaces, such as the wheels on your vehicle.

Step 2 Polish

Completes cleansing the surface of oxidation and brings out the aluminum's brilliant luster.

Step 3 Sealant

Chemically bonds with the aluminum surface to retard future oxidation.

Haltec No.	Description
ALC-22C	Step 1 Cleaner – 22-ounce, spray-on gel
ALC-16P	Step 2 Polish – 16-ounce paste
ALC-13S	Step 3 Sealant – 12-ounce aerosol
ALC-KIT	Contains one each of cleaner, polish and sealant



16" ALCOA WHEEL ACCESSORIES

Alcoa Mounting Hardware 60° Cone Seat Cap Nuts



Each lug nut has specific inner threads for each application with universal outside threads to accept the Alcoa chrome-plated nut cover (see H-78 & H-79 on page 51).

	Haltec No.	Thread Size	Hex	Cap Nut Torque (ft.lbs.)
16" Single	5012	M12 X 1.5	7/8"	80-90
	5014	M14 X 1.5	7/8"	100-110
	5120	1/2 X 20	7/8"	90-100
	5716	7/16 X 20	7/8"	90-100
	5916	9/16 X 18	7/8"	120-140

2-PIECE FLANGE NUTS FOR ALCOA SINGLE & DUAL HUB-PILOTED WHEELS



Haltec No.	Description	Torque
2 piece flange nuts (outer cap nuts for hub piloted 16x6 wheels and some 19.5" RV wheels)		
139698	M14x15, 1.050" hex	80-90 ft. lbs.
139987	9/16"x18, 1.050" hex	ft. lbs.
039946	5/8" x 18, 1 1/16" hex	90-100 ft. lbs.

MOUNTS AND INNER CAP NUT FOR ALCOA 22.5 WHEELS



Haltec No.	Description
5996R 5996L	Mounts standard single wheels to 1 1/8" studs. Also mounts outer dual wheel to 1 1/8" inner cap nut
5995R 5995L	Mounts standard single wheels to 3/4" studs.
5988R 5988L	Inner cap nut. For use with standard length studs (1.31" to 1.44" stud standout) or longer studs not to exceed 1.88" stud standout. Full internal and external threads, counter bore 5/16" deep at open end. Prevents stud from bottoming out in cap nut. (Grade 8)

ALCOA WHEEL COVER KITS

Patented spring-clip insert holds cover tight to the nut, yet permits easy installation and removal. Available for ball seal cap nuts for stud located wheels and the new Alcoa Hug-A-Lug® nut cover for the two-piece flange nut for hub-piloted wheels.

Now Alcoa Hug-A-Lug nut covers come in handy plastic "clamshell" packs for easy retail display. The versatile design of the 10-pack nut covers allows it to stand alone or hang on a display rack.



Orders are accepted for less than case quantities.

Haltec No.	Description	Case Qty.
H-1503	10 H-150 Hug-A-Lugs in a clamshell	10
H-1813	10 H-181 Hug-A-Lugs in a clamshell	10

FOR 1½" HEX (BALL SEAT, STUD-LOCATED WHEELS)



Haltec No.	Description	Case Qty.	Finish
H-150	For 1½" Hex Ball Seat Nut	200	Chrome

FOR 33MM HEX FLANGE NUTS (HUB-PILOTED 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	27-31mm	200	Chrome

FOR 1½" HEX FLANGE NUTS (HUB-PILOTED WHEELS)



Haltec No.	Description	For Heights	Case Qty.	Finish
H-182	For 1½" Hex Flange Nut for trucks	17/16"	200	Chrome
H-183	For 1½" Hex Flange Nut for buses	7/8"	200	Chrome

FOR ALCOA LUG NUTS FOR 16" & 19" WHEELS



Haltec 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	Fits 17/16" nuts	200	Chrome

For nut covers used on Hub Cover Systems, see page 53.

ALCOA HUB COVER KITS

Lock in your truck's good looks with bright new hub covers from Alcoa, made from high-impact strength ABS/PC plastic, the hub and nut cover resist dents and nicks. The gleaming chrome-plated finish resists corrosion, so the good looks last. The hub covers are furnished in clear plastic clamshell packaging. Also available in bulk.



FRONT STEER WHEEL HUB COVER KITS FOR 10 HOLE, 22.5" AND 24.5" WHEELS

All hub cover systems come with the hub cover, 10 nut covers, 10 inner clamps and an installation tool.

Haltec #	Wheel Type	Nut Cover Used	Application
076185*	Hub-Pilot	H-185 (33 mm)	Cover is held on by screwing down the nut covers on the stud threads
076155	Ball-Seat	H-155 (1½")	Nut cover includes an inner clamp and a threaded outer cover
076188	Hub-Pilot	H-188 (33 mm)	Nut cover includes an inner clamp and a threaded outer cover
076085*	Hub-Pilot	H-185 (33 mm)	Reusable bin with 20 nut covers, 2 hub covers and tool
076015	Ball-Seat	H-155 (1½")	Reusable bin with 20 nut covers, 20 clamps, 2 hub covers and tool
076088	Hub-Pilot	H-188 (33 mm)	Reusable bin with 20 nut covers, 20 clamps, 2 hub covers and tool

*Requires a minimum of 4 threads per stud.

To order Hub Cover Systems in standard cardboard box packaging add a "B" to the end of the part number. Example: 076185B.

ALCOA HUB COVER KITS



REAR DRIVE WHEEL COVER KITS FOR 10 HOLE, 22.5" AND 24.5" WHEELS

All hub cover systems come with the hub cover, 10 nut covers, 10 inner clamps and an installation tool.

Haltec #	Wheel Type	Nut Cover Used	Application
077185*	Hub-Pilot	H-185	Cover is held on by screwing down the nut covers on the stud threads
077155	Ball-Seat	H-155	Nut cover includes an inner clamp and a threaded outer cover
077188	Hub-Pilot	H-188	Nut cover includes an inner clamp and a threaded outer cover
077085*	Hub-Pilot	H-185	Reusable bin with 40 nut covers, 4 hub covers and tool
077015	Ball-Seat	H-155	Reusable bin with 40 nut covers, 40 clamps, 4 hub covers and tool
077088	Hub-Pilot	H-188	Reusable bin with 40 nut covers, 40 clamps, 4 hub covers and tool

*Requires a minimum of 4 threads per stud.

To order Hub Cover Systems in standard cardboard box packaging add a "B" to the end of the part number. Example: 077185B.

TOOLS AND ACCESSORY PARTS

500

Installation tool for hub cover systems 076155 and 077155

600

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

H-185

33mm screw-on nut cover for hub cover 076185 and 077185.

H-155

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

H-188

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

BEAD BREAKERS/BEAD BREAKER PUMPS

BBH-40 "Combi" Bead Breaker

The BBH-40 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.

Formerly BBH-10



AHP-20 Hydraulic Pump

- Fast-acting air hydraulic pump that can be used with all Haltec Bead Breakers.
- 10,000 psi rated
- Capacity 5 qts. oil
- Hose not included
- Polyglass reservoir



AHP-15 Hydraulic Pump

- Fast-acting air hydraulic pump that can be used with all Haltec Bead Breakers.
- 10,000 psi rated
- Capacity 3.5 qts. oil
- Hose not included
- Polyglass reservoir



AHP-20H

- 8 foot hose with coupler for use on all hydraulic pumps.

OTR-1825 Bead Breaker

Off-the road bead breaker tool. Used on 25" to 51" 5-piece rims with pry bar pockets. Has 4 1/4" stroke and is designed to break earthmover tire beads on rusted rims. Can be used with Haltec model AHP-15 pump or equivalent 10,000 psi pump, 17" length.

Caterpillar conversion kit available. Order part OTR-1825CK.



OTR-2000 Giant Tire/Wheel Bead Breaking Tool

Designed for largest construction and off-road tires and wheels. Works on all 39", 45", 51" and 57" wheel sizes.

Can be used with Haltec model AHP-20 pump, AHP-15 pump or equivalent 10,000 psi pump.

Note: Due to design changes, the OTR-2000 frame and ram will not interchange with Goodyear TO-2000 tools. All other parts are interchangeable.



Combination Bead Breaker & Pump Package HAP-1M

Consists of:

- BBH-40 Combi Bead Breaker
- AHP-20 Polyglass 5 Qt. Air Hydraulic Pump
- AHP-20H 6' Hose with fittings

Combination Bead Breaker & Pump Package HAP-1P

Consists of:

- BBH-40 Combi Bead Breaker
- AHP-15 Polyglass 3.5 Qt. Air Hydraulic Pump
- AHP-20H 6' Hose with fittings

HYDRAULIC RAMS AND JACKS



Haltec No.	Cylinder Capacity (tons)	Stroke (inches)	Cylinder Effective Area (in ²)	Oil Capacity (in ³)	Collapsed Height (in)	Weight (lbs.)
AJ-102	10	2.13	2.23	4.75	4.78	5.1
AJ-106	10	6.13	2.23	13.67	9.75	9.4
AJ-110	10	10.13	2.23	22.59	13.75	12.9
AJ-30	30	2.44	6.50	15.85	4.50	13.8
AJ-506	50	6.00	11.05	66.30	10.97	31.5
AJ-1006	100	6.00	20.65	136.91	14.06	45.0

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

AJ-506B

The AJ-506B 50-ton aluminum jack is easy-to-handle and light-weight, it can be used with any 10,000 psi pump. Perfect for off-highway work. Comes with a 7" x 7" aluminum base.



AJ-506-AB

7" x 7" aluminum base for use with the AJ-506.

AJ-30

The AJ-30 "shorty" is a light-weight, low-profile design for use in confined places. Cylinder capacity is 30 tons.



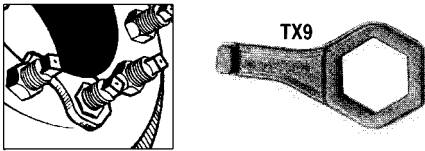
SAFETY PRECAUTION

These products, as well as all tire tools, should never be used by persons unless they have been trained properly according to O.S.H.A. Regulation #29CFR 1910.177 entitled "Servicing Single-Piece & Multi-Piece Rim Wheels."

KEN-TOOL PRODUCTS

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.



Part #	EDP #	Description	Size	Weight
TX9 ^o	30609	SAE & Metric	1 1/2" (38 mm)	14 oz. (.45 kg)
TX10	30610	Metric	35 mm	14 oz. (.45 kg)
TX12	30612	Metric	41 mm	14 oz. (.45 kg)

Heavy-Duty Truck 4-Way Lug Wrench

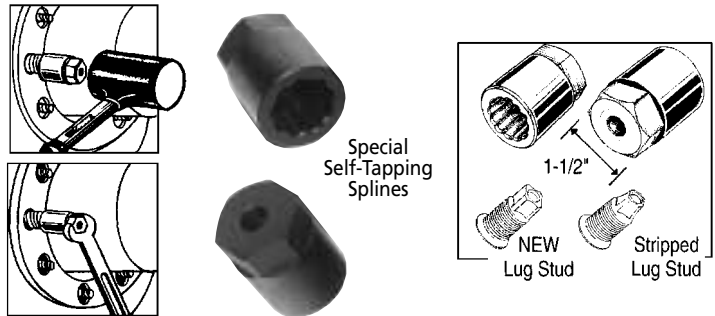
Use on heavy-duty truck, bus and tractors. Drop-forged or welded center provides strength and durability. T95 wrench has center hole for a leverage bar. Socket sizes provided fit most metric or SAE lug nuts on today's trucks. Stock: 1" (25 mm). Made in USA.



Part #	EDP #	Length	Socket Sizes	Weight
T95	35695	27 1/2" (69.9 cm)	1 1/8, 1 1/4, 1 1/2, 1 3/16" square	13 1/2 lbs (6.1 kg)

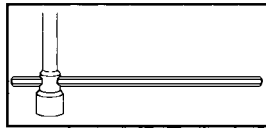
30165 Dual Wheel Lug Stud Remover

Special self-trapping splines provide maximum grip to remove stripped lug studs. Use with TR1, TR98 truck wrenches. Can also be used with open end wrench. Limited use. Use with soft-faced hammer. Weight: 1 lb. (.5 kg)



Double-End Truck Wrenches

Use on trucks, buses, farm and off-road vehicles. Great for on-the-road service. Sizes available for all SAE and metric lug nuts. All wrenches are constructed from 1" alloy steel for long-lasting strength. Wrenches have an extra deep 1 1/2" socket. Use TR5 truck wrench handle or 3/4" hex leverage bars. Length: 16". Made in USA.



SAE

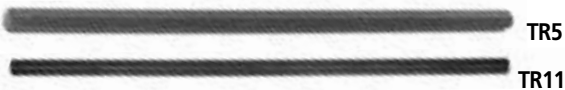
Part #	EDP #	Socket Sizes	Weight
TR1	32501	1 1/8" Hex with 1 3/16" Square X 1 1/2" Hex	4 1/2 lbs. (2.0 kg)
TR2	32502	1" Hex with 5/8" Square X 1 1/4" Hex	4 1/2 lbs. (2.0 kg)
TR3	32503	7/8" Hex X 1 1/16" Hex	4 1/2 lbs. (2.0 kg)
TR2X	32504	1 5/16" Hex X 7/8" Hex	4 1/2 lbs. (2.0 kg)
TR3A	32505	1 1/16" Hex X 1-1/8" Hex	4 1/2 lbs. (2.0 kg)
TR3X	32506	1 1/16" Square X 1 3/16" Square	4 1/2 lbs. (2.0 kg)
TR98	32508	1 1/2" Hex X 1 3/16" Square	4 1/2 lbs. (2.0 kg)
TR9	32509	1 1/4" Hex X 1 1/16" Hex	4 1/2 lbs. (2.0 kg)

Metric

Part #	EDP #	Socket Sizes	Weight
TRM1	32551	17 mm Square X 35 mm	4 1/2 lbs. (2.0 kg)
TRM2	32552	24 mm X 33 mm	4 1/2 lbs. (2.0 kg)
TRM3	32553	27 mm X 30 mm	4 1/2 lbs. (2.0 kg)
TRM4	32554	24 mm X 33 mm	4 1/2 lbs. (2.0 kg)
TRM5	32555	20 mm X 38 mm	4 1/2 lbs. (2.0 kg)
TRM6	32556	21 mm X 41 mm	4 1/2 lbs. (2.0 kg)
TRM7	32557	30 mm X 33 mm	4 1/2 lbs. (2.0 kg)

Truck Wrench Handles and Leverage Bars

Handle is extra-long for increased leverage and heat-treated for extra strength.



Part #	EDP #	Description	Length	Stock	Weight
TR5	32318	Truck Wrench Handle	22" (55.9 cm)	3/4" Hex	3 lbs.
TR11	34402	Truck Wrench Handle	30" (76.2 cm)	1" Round	6 1/2 lbs.

TR10 (34401) Heavy-Duty Truck Wrench

Use for off-the-road Budd-type wheels. Use TR11 handle. Stock: 1 1/4"



Part #	Length	Socket Sizes	Weight
TR10	29 1/2" (74.9 cm)	1 3/4" hex and 1 5/16" square	12 1/2 lbs. (5.7 kg)

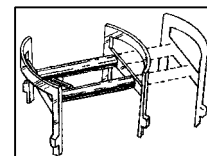
KEN-TOOL PRODUCTS

T115 (36015) Truck Tire Changing Stand

Stand handles, wheels or open rims 16.5" to 24". Double-slide adjustment with locking device prevents twisting so it stays aligned with the wheel or rim. Stand is the ideal height for driving off beads or remounting tires. It must be used to be appreciated. Weight: 21 lbs. (9.5 kg)



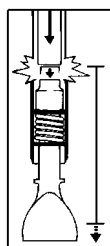
T115



Impact Bead Breakers



Bead breaker loosens beads with bead-breaking foot and ram bar, but never cuts the bead of the tire. The wedge foot is forced between the bead and rim flange. Breaker is designed for shop or road use. No other bead breaking tools are necessary.



T26B has exclusive spring-action design to reduce user fatigue associated with slide hammer kickback.

Part #	EDP #	Description	Length	Length Extended	Weight
T26B	35926	Heavy-duty	50" (127.0 cm)	80" (203.2 cm)	24 lbs. (10.9 kg)

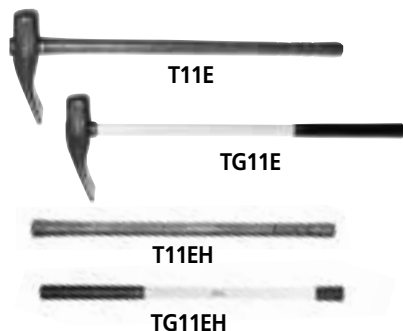


WARNING: STRUCK TOOLS, BEAD BREAKERS & WEDGES

Striking and struck tools can break or chip. Chipped or mushroomed ends can fragment. Wear safety goggles. Replace damaged tools.

Handled Bead-Breaking Wedges

Use on passenger, truck, bus, farm, tractor and aircraft tires. Use with soft-face hammers. Breaks beads quickly and easily. Handle serves as lever to push bead away from rim.



Wedges

Part #	EDP #	Description	Replacement Handle	Length	Head Weight
T11E®	35329	Wood-Handled Wedge	T11EH	30" (76.2 cm)	8 1/2 lbs. (3.9 kg)
TG11E	35429	Fiberglass-Handled Wedge	TG11EH	32" (81.3 cm)	8 1/2 lbs. (3.9 kg)

Replacement Handles

Part #	EDP #	Description	For Hammer No.	Length	Head Weight
T11EH	35129	Hickory Replacement Handle	T11E	30" (76.2 cm)	1-1/4 lbs. (.6 kg)
TG11EH	35229	Fiberglass Replacement Handle	TG11E	32" (81.3 cm)	3 lbs. (1.4 kg)

T26A (32126) Bead-Breaking Tool/Driving Iron



Driving iron is used for loosening rusted truck and bus beads. Tool blade is forged extra wide and curved to fit the rim. Will speed truck repair work and save labor and time.

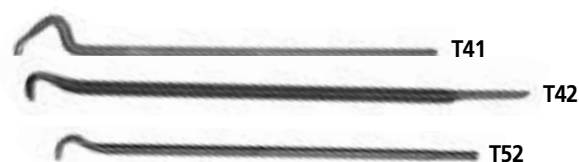


T26A

Length	Stock	Weight
11 3/4" (29.9 cm)	1 1/4" (32 mm)	3 3/4 lbs. (1.7 kg.)

Bead-Breaking Tools Truck/Farm/OTR

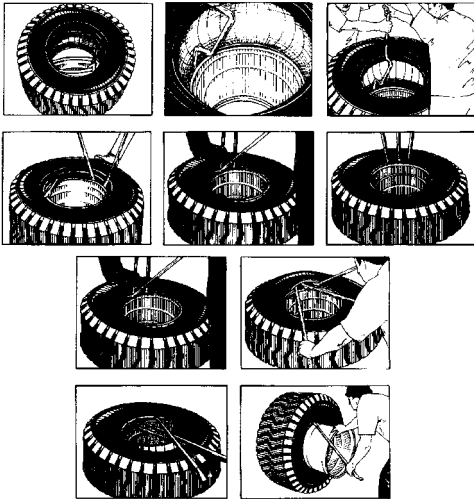
These lightweight, portable tools are a great alternative to the handled bead breaking wedges or hydraulic bead breakers. One end is used to remove frozen or rusted beads from all types of rims. The other end can be used as a leverage bar when inserted into the 35695 or 35697 Truck Wrench.



Part #	EDP #	Description	Length	Stock	Weight
T41	33341	Swan Neck	30" (76.2 cm)	7/8" (22 mm)	5 1/2 lbs. (2.5 kg)
T42	33342	Forcing Tool for 5" rims	30" (76.2 cm)	7/8" (22 mm)	4 3/4 lbs. (2.2 kg)
T52	34652	Bead Breaker Leverage Bar	33" (83.8 cm)	7/8" (22 mm)	5 1/2 lbs. (2.5 kg)



KEN-TOOL PRODUCTS



Tubeless Tire Irons & Sets

Sets provide all irons necessary for a variety of tire changing applications. Use "C" bar with the "B" extension bar for easier use on large, wide-base truck tires. Use on standard and large truck tires, including industrial, farm, buses and tractors.

Standard

Part #	EDP #	Description	Length	Stock	Weight
T46	34746	Tire Iron Set includes: T46A, T46B, T46C		3/4" (19 mm)	12 lbs. (5.4 kg)
T46A	34747	Straight Mount/Demount Tool	36" (91.4 cm)	3/4" (19 mm)	4 1/2 lbs. (2.0 kg)
T46B	34748	Straight Mount/Demount Tool "B" Extension for T46C	36" (91.4 cm)	3/4" (19mm)	4 1/4 lbs. (1.9 kg)
T46C	34749	Offset Mount "C" Bar	22" (55.9 cm)	3/4" (19 mm)	3 lbs. (1.4 kg)

Heavy-Duty

Part #	EDP #	Description	Length	Stock	Weight
T47	34846	Tire Iron Set includes: T47A, T47B, T47C		1" (25 mm)	30 lbs. (13.6 kg)
T47A	34847	Straight Mount/Demount Tool	52" (132.1 cm)	1" (25 mm)	11 lbs. (5.0 kg)
T47B	34848	Straight Mount/Demount Tool "B" Extension for T47C	49 1/2" (125.7 cm)	1" 25 mm	11 lbs. (5.0 kg)
T47C	34749	Offset Mount "C" Bar	27" (68.6 cm)	1" (25 mm)	8 lbs. (3.5 kg)

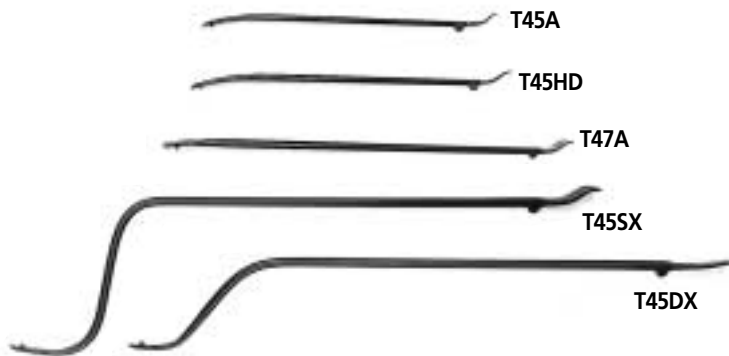


Tubeless Truck Tire Mount/Demount Irons

Ken-Tool manufactures the largest and most diverse selection of tire mount/demount irons in the world. From the T45A® for standard tires, to the T45SX and T45DX for wide-base Super Singles, Ken-Tool makes a tire iron for all your tire changing needs. Use on truck, agricultural and industrial tires. Patented one-piece manufacturing process and design assure long life and superior performance. Heat-treated for strength. Three sizes for many service needs. Use in pairs.

US Patent Nos. 348,595 and 5,343,921

T45A is a registered trademark of Ken-Tool



Part #	EDP #	Length	Socket Sizes	Weight
T45A®	34645	37" (94.0 cm)	3/4" (19 mm)	4 1/2 lbs. (2.0 kg)
T45HD	34647	41" (104.1 cm)	7/8" (22 mm)	7 lbs. (3.2 kg)
T47A	34847	52" (132.1 cm)	1" (25 mm)	11 lbs. (5.0 kg)

T45SX (34945) Super Single Tire Mount/Demount Tool

Design allows you to reach inside the deep well of the tire to pull the bead over the rim. Patented one-piece manufacturing process assures long life and superior performance. Use with T45DX. Use on 16.5" X 22.5" duplex and rear tractor tires.

T45D (34946) Super Single Tire Mount/Demount Tool

Use on 16.5" x 22.5" duplex and 25" solid wheel loader tires. Patented one-piece manufacturing process assures long life and superior performance.

Use with T45SX.

Part #	EDP #	Length	Stock	Weight
T45SX	34945	50" (127 cm)	7/8" (22 mm)	9 3/4 lbs. (4.4 kg)
T45DX	34946	51" (129.5 cm)	7/8" (22 mm)	8 1/2 lbs. (3.9 kg)

Curved Tire Spoons



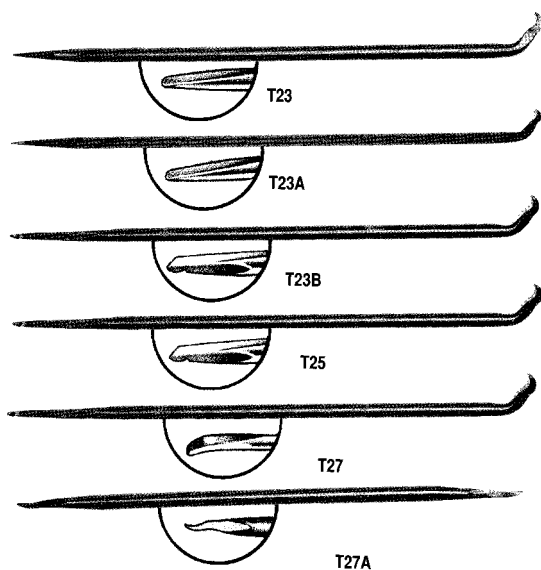
Part #	EDP #	Length	Stock	Weight
T20A	33220	30" (76.2 cm)	11/16 (17.5 mm)	3 lbs. (1.4 kg)
T39	33239	30" (76.2 cm)	7/8" (22 mm)	4 1/2 lbs. (2.0 kg)

Tire Mount/Demount Spoons

These irons are designed for fast and efficient tire changing. The 30" spoons provide enough strength and leverage to work on large truck, bus, off-road vehicle, tractor and aircraft tires.



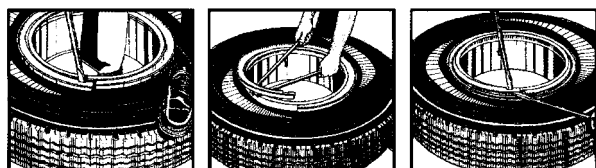
KEN-TOOL PRODUCTS



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.

Part #	EDP #	Description	Length	Stock	Weight
T23	32123	Truck Lock Ring Remover Designed especially for Firestone RH and TI rims	24" (61 cm)	11/16" (17.5 mm)	21/4 lbs. (1.0 kg)
T23A	33223	Truck Lock Ring Remover Designed especially for Firestone RH and RI rims	30" (76.2 cm)	11/16" (17.5 mm)	21/2 lbs. (1.1 kg)
T23B	33224	Combination Rim/Ring Tool Flat, tapered end ideal for all round ring and rim work	23 1/2" (59.7 cm)	11/16" (17.5 mm)	21/2 lbs. (1.1 kg)
T25	32125	5° Rim Lock Tool For Servicing 5° wide base rims	18" (45.7 cm)	5/8" (16 mm)	13/4 lbs. (.8 kg)
T27	32127	Special Lock Ring Tool Long, tapered curved end for R-1 continuous side rings; short curved end for Goodyear rims	18" (45.7 cm)	5/8" (16 mm)	13/4 lbs. (.8 kg)
T27A	32128	Lock Ring Tool Removes continuous side rings on two-piece truck rims	18" (45.7 cm)	5/8" (16 mm)	13/4 lbs. (.8 kg)



T48A (34648) Heavy-Duty Lock Ring Tool

Use for multi-piece wheels, especially hub type.



Length: 37" (94 cm) Stock: 3/4" (19 mm) Weight: 4 1/2 lbs. (2.0 kg)

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.

T102



T105

Part #	EDP #	Description	A Height	B Width	Base	Weight
T102	36002	4-Bar Cage*	43 1/2" (110.5 cm)	20 1/2" (52.1 cm)	31 1/2 X 26" (80 X 66.0 cm)	152 lbs. (69.0 kg)
T105	36005	5-Bar Cage*	43 1/2" (100.5 cm)	20 1/2" (52.1 cm)	41 X 26" (104.1 X 66.0 cm)	192 lbs. (87.2 kg)

WARNING: SAFETY CAGES

Tire changing can be dangerous and should be done only by trained personnel using proper tools and equipment as directed by Federal OSHA Standard No. 29 CFT 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.

WARNING

Do not alter cage in any way. Cage must be freestanding and at least three feet from other objects. Discard cage if bent, cracked or otherwise damaged.

OTHER KEN-TOOL PRODUCTS AVAILABLE. CALL HALTEC FOR DETAILS

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