



# OPEN WHEEL PARTS AND ACCESSORIES

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**WELD**  
RACING

Made In USA

Goodyear

83

MOTORSPORTS

Kistler



10" Micro Magnum Spline Non Bead-Loc™



13" Midget Magnum Spline, Bead-Loc™ w/ Cover



15" Sprint Magnum Spline, Bead-Loc™



10"-13"-15" Direct Mount Hub



10"-13"-15" Direct Mount Ultra Hub

**“WELD, The Choice of Champions”**



mag-num ('mag-nem) noun pl[numbs] by Weld Racing

1. Forged primary aerospace aluminum alloy center, 100% C.N.C. machined to exacting tolerances for perfect balance.
2. Cold-drawn 6061-T6 rim halves made with proprietary cold forging process.
3. Exclusive "Roll Forged" rim lip increases bead seat strength & keeps rims rigid and round on the most abusive racing surfaces.
4. Exceeds demanding wheel standards and specifications for all racing series.
5. New machined after black anodized center adds flash to the lustrous black center.



# OPEN WHEEL

*Boldly displaying horsepower and outstanding performance in their purest forms, the open wheel race car is built for one purpose: winning the dash to the finish line. To achieve this, use of this catalog is recommended.*

**Jason Meyers**  
**2011 World Of Outlaws Champion**

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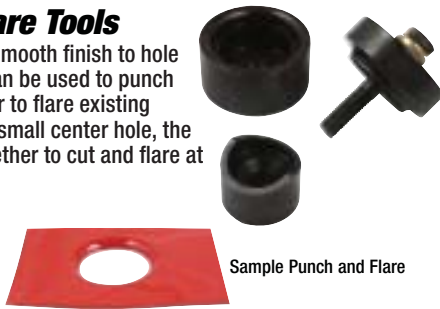
PARTS LISTED IN BLUE REPRESENT NEW SUPPLIERS



## Punch And Flare Tools

Add strength and a smooth finish to hole edges. Unique tools can be used to punch and flare new holes, or to flare existing holes. Starting with a small center hole, the punch halves bolt together to cut and flare at the same time.

Part No	Diameter
ALL11070.....	1-1/2"
ALL11072.....	1-3/4"
ALL11074.....	2"
ALL11076.....	2-5/8"



Sample Punch and Flare

## Metal Snips

Durable tin snips have offset blades to keep hands clear of metal while cutting. Non-slip jaws cut through sheet aluminum and up to 18 gauge low carbon steel. Blade length 1-1/4", total tool length 9-1/4".

Part No.	Description
ALL11030.....	Red, Left Hand
ALL11031.....	Green, Right Hand



Left Cut

Right Cut

## Deburring Tool ALL11036

A fast and easy way to remove burrs from the edges of machined or cut metals. Five-piece kit includes handle, telescopic blade holder and three unique blades. Handle has built-in storage for blades. Blade holder adjusts from 1" to 5".



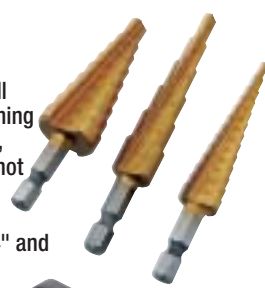
## 3/16" Double Ended Drill Bits ALL18204

A must for every racer's toolbox. Package of 6.



## Step Drill Set ALL11040

Drill multiple size holes with one bit. Drill sheet metal and aluminum without deforming or distorting. Bits start cutting on contact, deburr and chamfer while drilling and do not require a center punch. Titanium nitride coated high speed steel. 1/4" hex shank. Set includes one 3/16"-1/2", one 1/4"-3/4" and one 1/8"-1/2" drills.



## Bolt Extractor Kit ALL11050

A power driven drill bit and an extractor in one tool. Use with a 3/8" variable speed reversible power drill to extract broken, rusted or stubborn bolts. No grinding or center punch required. Self centering tips work on jagged, uneven breaks. Four-piece kit includes 1/4" (M6), 5/16" (M8), 3/8" (M10) and 1/2" (M12) bits.



## Taps

Tungsten steel taps are titanium coated. Economy taps are available in right-hand and left-hand threads.

Part No.	Description
ALL11064.....	1/2"-20 RH
ALL11065.....	1/2"-20 LH
ALL11066.....	5/8"-18 RH
ALL11067.....	5/8"-18 LH
ALL11068.....	3/4"-16 RH
ALL11069.....	3/4"-16 LH



## Thread Files

Remove burrs from damaged or rusted external threads on bolts, spindles, axle tubes, threaded shaft, pipe, and pipe fittings. Choose from three different files, each 8-1/2" long. Standard and metric sizes.

Part No.	Description
ALL11037.....	11-12, 13-14, 16-18, 20-24TPI
ALL11038.....	9-10, 12-16, 20-27, 28-32TPI
ALL11039.....	0.75-100, 1.25-1.50, 1.75-2.00, 2.50-3.00mm



## Hand Rivet Gun ALL18206

Includes interchangeable nosepieces for 3/32", 1/8", 5/32", and 3/16" dia. rivets.



## Deluxe Hand Rivet Gun ALL18208

Deluxe rivet tool includes nosepieces for 3/32", 1/8", 5/32", and 3/16" rivets. Wrench stores inside handle for quick nosepiece changes.



## Air Rivet Gun ALL18207

Heavy duty, for use with steel or aluminum rivets from 3/32" to 3/16".



## Rivet Gun For Cordless Drill ALL18205

An adapter for cordless drills, the Rivet Gun speeds up installation of "blind" rivets (for race car bodies). A real hand and time saver. Includes nosepieces for 3/32", 1/8", 5/32" and 3/16" rivets.





# Tools & Accessories

## Safety Wire Twister Pliers **ALL10120**

Never lose another race because of loose bolts. Rugged pliers have an end bearing for smoother, faster twisting, especially in tight areas where a second pull is needed.



## Safety Wire **ALL10121**

Stainless steel wire is .032" dia., 1 lb. spool.



## Safety Wire Drill Fixture **ALL10122**

Accurately drill holes in fasteners allowing them to be mechanically locked in place with safety wire. Fixture accommodates 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8" fasteners. Guide bolt tightens against fastener, holding it secure for drilling. Fixture includes two guide bolts and two 1/16" drill bits conveniently stored within the fixture.



### Replacement Component

Part No.	Description
ALL99102	Replacement Drill Bits, 2-Pk.

## Transfer Punches

For use with quick turn fasteners, place transfer punch in a weld plate or body panel. Position panel over top of punch and lightly tap with a hammer leaving a mark on the panel where hole is to be drilled.



Part No.	Description
ALL19402	For 5/16" Fasteners
ALL19403	For 7/16" Fasteners

## Quick Turn Fastener Wrench **ALL19400**

The quick turn fastener wrench fits slot head fasteners and reduces the risk of body or fastener damage from using screwdrivers for loosening or tightening. Non-slip hand grip.



## Braided Hose Cutter **ALL11000**

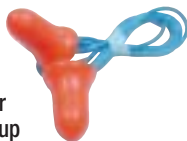
Tired of the jagged edges left after cutting braided line with a hacksaw? Heavy-duty hose cutter makes clean, snag-free cuts every time.

### Replacement Component

Part No.	Description
ALL11002	Replacement Blades

## Reusable Corded Earplugs **ALL12000**

Corded earplugs fit instantly without rolling or squeezing. Made of a soft material that cleans up easily in warm, soapy water.



## Koul Tool Kits

If you have ever struggled while building stainless steel braided lines the Koul Tool is for you! Insert fitting into the specially designed holder to help guide braided hose into fitting. Kits include tools, fitting adapters for most fittings, detailed assembly instructions and storage case. Not for use with PTFE-style hoses.



Part No.	Description
ALL11080	Koul Tool Kit -4AN To -8AN
ALL11081	Koul Tool Kit -6AN To -10AN
ALL11082	Koul Tool Kit -10AN To -16AN
ALL11083	Koul Tool Kit -4AN To -16AN
ALL11085	-6AN Kit
ALL11086	-8AN Kit
ALL11087	-10AN Kit

## Electrical Pliers

Crimping pliers work with 10-22 AWG copper wire and terminals. Strip insulation from solid or stranded wire, crimp insulated and non-insulated terminals and even cut #4 to #10 screws. Stripping pliers only strip 10-20 AWG copper wire, but their compact size makes stripping wire in tight areas much easier.



Part No.	Description
ALL76222	Wire Crimping Pliers
ALL76223	Wire Stripping Pliers

## Deluxe Aluminum Mud Scraper **ALL44165**

Remove the stickiest mud and clay without damaging paint or decals. Lightweight and 32" long to reach wings, deck lids and undercarriage. Use the convenient hole in end to hang scraper.



## Radiator Fin Tool Kit **ALL10680**

Hand held tool straightens and repairs damaged fins in most radiators, coolers, and air conditioning condensers. Repairing damaged fins provides better airflow through core increasing cooling ability. Six interchangeable heads 13, 15, 16, 17, 18 and 20 fins per inch.



## Aerosol Can Holder **ALL12200**

Unit holds six 3" diameter cans. Bolt to trailer or garage wall. Sturdy steel construction is painted white. 23" long x 3-1/2" deep x 5-1/2" tall.





## Scott Rags ALL12005

Multi-purpose cloth-like disposable towels are perfect for shop and trailer. 10" x 14" towels are packaged in a 200 ct. box with pop-up dispenser. Mount to shop or trailer wall with Pit Pal #208 holder.



## Towels

Soft, absorbent terry cloth towels can be used for polishing, wiping up spills or general detailing. Red shop towels belong with every tool box as well as in the shop, garage or trailer.



**Part No. Description**  
 ALL12010.....Red Shop Towels, 25-Pack  
 ALL12012.....White Terry Towels, 12-Pack

## Nitrile Gloves

Strong nitrile gloves provide protection from oils, solvents and chemicals. Offered in general use blue and chemical resistant black. Package of 100.



Color	Medium	Large	X-Large
Blue	ALL12020	ALL12021	ALL12022
Black	ALL12024	ALL12025	ALL12026

## Allstar Gloves

General purpose gloves protect hands from everyday abuse in the shop or at the race-track. Lightweight, elastic weave material with reinforced palm and fingers allows mobility and unrestricted use.



**Part No. Description**  
 ALL99940.....Medium  
 ALL99941.....Large  
 ALL99942.....X-Large

## Allstar Apron ALL99962

Black cloth apron has pockets to keep tools close at hand. Reverse apron to place pockets on the inside when grinding tires. Adjustable strap allows one size to fit all.



## Safety Glasses ALL10258

Comfortable, lightweight, general purpose safety glasses have a clear wrap around lens for maximum visibility. ANSI-Z87.1 rated.



## Stopwatch ALL10114

Time laps and intervals to keep track of the competition.



## Tie Wraps

Secure electrical wiring, gauge lines and roll bar padding. 100 per bag. Available in black, natural, red, blue, yellow and purple nylon.

Part No.	Length
<b>Black Nylon</b>	
ALL14120	3-3/4"
ALL14122	6"
ALL14123	7-1/4"
ALL14124	11-1/4"
ALL14125	14-1/4"
<b>Natural Nylon</b>	
ALL14130	3-3/4"
ALL14132	6"
ALL14133	7-1/4"
ALL14134	11-1/4"
ALL14135	14-1/4"
<b>Red Nylon</b>	
ALL14126	7-1/4"
ALL14127	14-1/4"
<b>Blue Nylon</b>	
ALL14128	7-1/4"
ALL14129	14-1/4"
<b>Yellow Nylon</b>	
ALL14136	7-1/4"
ALL14137	14-1/4"
<b>Purple Nylon</b>	
ALL14138	7-1/4"
ALL14139	14-1/4"



## Recessed D-Ring ALL10210

Heavy duty recessed D-Ring.



## Ratchet Binders



Secure extra equipment in the trailer with these 1" wide binders made of heavy duty nylon webbing. Easy, one hand operation. Ratchet binders have a 1,000 lbs. rating.

**Part No. Description**  
 ALL10180.....Standard 8' Length  
 ALL10182.....Heavy Duty 16' Length

## Electrical Tape ALL14280

Protect electrical connections and secure wires. 3/4" x 60 ft roll. UL approved.



## Thread Sealant Tape ALL14282

PTFE tape seals threads on pipe connections. 1/2" x 21 ft roll.



## Fire Extinguishers

Hand held dry chemical fire extinguishers are perfect for race car, trailer or garage use and each includes steel mounting bracket and strap, aluminum nozzle and hairpin safety pin. ABC rated, effective against electrical, liquid, grease, wood or paper fires. ALL10502 includes a hook type mounting bracket to hang extinguisher on shop or trailer wall.

**Part No. Description**  
 ALL10500.....2-1/2 Lb., Red  
 ALL10501.....2-1/2 Lb., Chrome  
 ALL10502.....5 Lb., Red





## Ratcheting Tie Downs And Axle Straps

Tie downs are great for securing vehicles and pit equipment during transport. Choose from three different hook options, flat, twist, or direct. 2" x 8' long straps have heavy duty plated hardware and a ratchet designed to hold excess strap material as it is pulled through and wrapped up during tightening. ALL10196 has a built-in axle strap with protective sleeve for wrapping around rear end housing or chassis. Straps are rated at ,5000 lbs. which is the maximum load a strap should be subjected to during normal use. Working load of a strap is usually half of the maximum rating. Sold each.

Part No.	Description
ALL10184.....	2" x 8', Tie Down (Flat Hook)
ALL10188.....	2" x 8', Tie Down (Direct Hook)
ALL10192.....	2" x 8', Tie Down (Twist Hook)
ALL10196.....	2" x 8', Tie Down With Built-in Axle Strap (Twist Hook)
ALL10200.....	2" Wide Axle Tie Back Strap, 48" C/L To C/L Of Hooks, Adj. 24"-40"
ALL10204.....	21" Long Axle Strap
ALL10208.....	33" Long Axle Strap



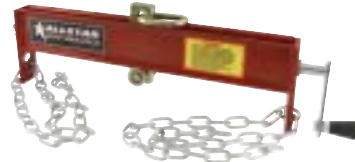
## Race Car Tie Down Package ALL10209



Includes two ALL10196 axle combo ratchet straps and two ALL10200 axle tie back straps. Enough tie downs to secure a car to any trailer.

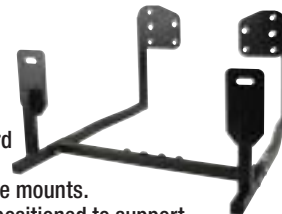
## Engine Load Leveler ALL10141

Engine load leveler tilts forward, backward or to either side for easy engine handling and positioning. Includes two 42" long chains. Maximum lift capacity 1,250 lbs.



## Sprint Engine Cradle ALL10159

Cradle bolts to most stock type and aftermarket SB Chevy blocks, including narrow pattern lightweight and standard bell housing bolt patterns. Slotted front mounts accept most frame width engine mounts. Provisions for standard wheel kits are positioned to support complete engines with attached radiators.



## Economy Engine Cradle ALL10171

Small block/big block Chevy cradle is made from 1" square tubing and powder coated black. No provisions for wheels.

**Does Not Accept Wheel Kits**



## SB/BB Chevy Engine Cradle ALL10172

A quality cradle for small block and big block Chevrolet engines. Casters included.



## Engine Cradles

Engine cradles are available in Standard or Heavy Duty, both with provisions for mounting wheels. Made of 1" square tubing with black powder coating. Stands include Grade 5 fasteners and may be easily disassembled for storage. Standard Duty cradles accept wheel kits with 3/8" studs. Heavy Duty cradles accept wheel kits with 1/2" studs. Wheel kits sold separately.



**Accept Bolt-On Wheel Kits**

Part No.	Description
<b>Standard Duty Cradles</b>	
ALL10130.....	SB and BB Chevy
ALL10150.....	SB Mopar
<b>Heavy Duty Cradles</b>	
ALL10132.....	SB and BB Chevy

## Cradle Wheel Kits

Hard rubber wheel kits may be mounted to Allstar engine cradles ALL10130 thru ALL10159. Kits are also available with locking wheels, ideal for storing spare engines in trailer. Standard duty kits feature 3/8" studs and heavy duty models use 1/2" studs. Four wheels per kit.

Part No.	Description
ALL10162.....	Standard Duty 3" Dia. Kit
ALL10163.....	Standard Duty 3" Dia. With Locking Kit
ALL10164.....	Heavy Duty 3" Dia. Kit
ALL10165.....	Heavy Duty 3" Dia. With Locking Kit
ALL10166.....	Heavy Duty 5" Dia. Kit



ALL10162





### Racer's Tape

A hundred uses in the shop or at the track. True "Racer's Tape".

Part No.	Color	Part No.	Color
<b>1" Wide x 90'</b>			
ALL14140.....	Silver	ALL14156.....	Orange
ALL14141.....	Black	ALL14157.....	Green
<b>2" Wide x 180'</b>			
ALL14150.....	Silver	ALL14158.....	Burgundy
ALL14151.....	White	ALL14159.....	Purple
ALL14152.....	Red	ALL14162.....	Teal
ALL14153.....	Black	<b>3" Wide x 180'</b>	
ALL14154.....	Yellow	ALL14142.....	White
ALL14155.....	Blue	ALL14143.....	Black

### Gaffer's Tape

Vinyl coated gaffer's tape has a dull appearance and is much stronger than standard racer tape.



Part No.	Color	Part No.	Color
<b>2" Wide x 180'</b>			
ALL14251.....	White	ALL14145.....	Fluorescent Green
ALL14252.....	Red	ALL14146.....	Fluorescent Pink
ALL14253.....	Black	ALL14147.....	Fluorescent Orange
ALL14254.....	Yellow	ALL14148.....	Fluorescent Yellow
ALL14255.....	Navy Blue		
<b>4" Wide x 180'</b>			
ALL14261.....	White		
ALL14263.....	Black		

### Non-Skid Tape

Heavy duty, non-skid tape is long lasting and may be used in the race car, shop or trailer. Tape will handle temperatures up to 220°F.

Part No.	Description
ALL14175.....	2" x 10'
ALL14165.....	4" x 10'



### Black And White Checkered Tape ALL14149

Checkered tape has many uses such as signs, displays, race cars, trailers, etc. Rolls are 2" wide and 45' long.



Jason Meyers

Photo By: John Berglund

## Tools & Accessories

### Tape Display Rack ALL050

Two tier rack's top row holds 180' rolls; the bottom holds 45' or 90' rolls.



### Air Box Tape

Metallized tape has special adhesives to secure and seal panels. Designed specifically for sealing air boxes and other high heat areas. Rolls are 2" wide and 180' long.

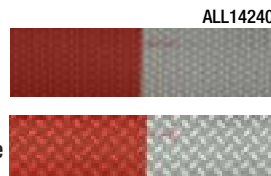
Part No.	Description
ALL14270.....	Silver 2"
ALL14272.....	Black 2"



### Reflective Tape

Reflective tape is weather and solvent resistant for outdoor use on the side and rear of trailers. Can also be used on safety equipment, motorcycles and large trucks. Material is manufactured with the correct required DOT certification markings. 6" Red/6" White pattern. Rolls are 2" wide x 50' long.

Part No.	Description
ALL14240.....	Triangle Pattern
ALL14242.....	Diamond Plate Pattern



### Surface Guard Tape

Clear protective polyurethane tape can be applied directly over painted surfaces or decals to help prevent scratching, chipping or other damage. Use on wheel well openings, rocker panels, headlight decals, door edges or anywhere added protection may be required. Tape is 8 mil thick and provides excellent resistance to ultraviolet light. Will not yellow over time.

Part No.	Description
ALL14275.....	2" x 30'
ALL14276.....	3" x 30'
ALL14277.....	4" x 30'



### Shipping Tape

Seal shipping boxes and boxes of spare parts.

Part No.	Description
ALL14160.....	Clear 2" x 330 Ft. Roll
ALL14161.....	Tan 2" x 330 Ft. Roll



### Tape Gun ALL14163

Use with shipping tape.



## Tubing Notchers

Notchers render precise joints for more consistent welds and stronger cages. Available in deluxe aluminum or economy steel versions, notchers accept up to 2" diameter stock and automatically align and center tubing. Use in drill press or with hand drill. Notchers adjust up to 45°.

Part No.	Description
ALL10400	Deluxe Notcher
ALL10410	Economy Notcher

### Replacement Parts

ALL10402	5/8"-18 Thread Adapter
ALL10403	Arbor Support Bushings (Pair)
ALL10404	Arbor With 1/2"-20 Thread

### Optional Parts

ALL10405	Arbor With 5/8"-18 Thread
ALL10406	Drill Press Mount (ALL10410 Only)
ALL10407	Arbor Support With Needle Bearings

**Note:** Tubing notchers include 1/2"-20 arbor thread and 5/8"-18 adapter. Hole saws up to 1-1/8" diameter use 1/2"-20, larger hole saws use 5/8"-18 thread.



## Round Tubing Bender

Portable bender's welded steel frame has a hand-operated, 8-ton hydraulic jack. Cast aluminum shoes are available with either a 7" radius for 1-1/2", 1-5/8" and 1-3/4" round tubing or a 5" radius for 1" and 1-1/4" round tubing. Easily converts by changing shoe and roller. Total weight is only 42 lbs. Bend up to .134" wall thickness mild steel tubing or .120" wall thickness chrome moly tubing.

Part No.	Description
ALL10300	1-3/4" x 7" Radius Bender
ALL10310	1-5/8" x 7" Radius Bender
ALL10320	1-1/2" x 7" Radius Bender
ALL10330	1-1/4" x 5" Radius Bender
ALL10340	1" x 5" Radius Bender

### Replacement Parts

ALL10305	1-3/4" x 7" Radius Die Shoe and Roller
ALL10315	1-5/8" x 7" Radius Die Shoe and Roller
ALL10325	1-1/2" x 7" Radius Die Shoe and Roller
ALL10335	1-1/4" x 5" Radius Die Shoe and Roller
ALL10345	1" x 5" Radius Die Shoe and Roller
ALL10390	Jack For Tubing Benders
ALL10391	Jack Handle
ALL10392	Lower Roller Shaft

**Note:** Die shoe should be well lubricated, when using tubing .095" and thinner, to prevent kinking. Bender should not be used with tubing beyond a .134" wall thickness.



## Hole Saw Set ALL10412

Use with tubing notchers. Does not include an arbor for a hand drill. Set includes one of each size: 3/4", 1", 1-1/8", 1-1/4", 1-1/2" 1-5/8" and 1-3/4".

### Individual Hole Saws

Part No.	Size
ALL10413	3/4"
ALL10414	1"
ALL10415	1-1/8"
ALL10416	1-1/4"
ALL10417	1-1/2"
ALL10418	1-5/8"
ALL10419	1-3/4"

**Note:** Hole saws up to 1-1/8" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18 thread.



## Dial Indicator With Magnetic Base ALL96414

Dial indicator with magnetic base is a necessity when degreasing a camshaft, checking crankshaft end play, deck heights, dome heights, transmission end play or ring and pinion backlash. Universal magnetic base may be mounted anywhere. Shockproof dial indicator has 1" of travel in .001" increments. Base and dial indicator may also be purchased separately.

Part No.	Description
ALL96415	Dial Indicator Only
ALL96416	Magnetic Base Only



## Digital Level ALL10742

Digital level with magnetic base measures the angle of a single straight surface or the angle of a joint between two straight surfaces. Displayed value on the LCD screen rotates to right side up when digital level is in an upside down position. Powered by three 3V CR2032 batteries (included). 2" x 2" x 1".



## Digital Level ALL10744

Digital level with powerful magnetic base measures the angle of a single straight surface or the angle of a joint between two straight surfaces. LCD screen can be backlit for increased visibility and the displayed value on screen rotates to right side up when level is in an upside down position. Powered by three 3V CR2032 batteries (included). 6" x 2.25" x 1.25".



## Digital Calipers 0-6" With Case ALL96411

Measure inside, outside and depth dimensions with easy to read Metric or SAE LCD display, in .001" increments up to 6". On/Off switch conserves battery and zero setting assures accurate readings. Plastic case provides additional battery storage.



## Dial Caliper ALL96410

Quality hardened stainless steel dial caliper is shockproof and capable of measuring items from .001" to 6" in increments of .001". Includes protective carrying case.



Donny Schatz

Photo By: John Berglund



## Smart Tool ALL10113

Ensure that chassis tubing is level and plumb when building roll cages or checking driveshaft angles. Also works on trailing arms and suspension tubes when used with ALL10740 Smart Tool Tray. A "hold" button freezes and unfreezes readings which can be displayed as degrees, percentages, or in./ft. at the push of a button. Plus and minus signs indicate when pitch is more or less than that shown on the display. Pitch reads in 1/8 in./ft. increments. Listen and level emits an audible "beep" at level and plumb. The tool shuts off automatically if idle for more than six minutes. Powered by a standard 9 volt battery.



## Smart Tool Tray ALL10740

Aluminum tray is a nice addition when using Smart Tool on 7/8" and 1" O.D. trailing arms or suspension tubes. Plastic clips allow tray to snap to tube when in tight areas. A bubble level helps provide accurate readings.



## Pilot Bushing Install Tool ALL26115

Driver simplifies installation of pilot bushings or bearings for manual transmissions including Muncie, Saginaw, Borg-Warner, T-10 and many other popular transmissions with .590" pilot shafts.



## Feeler Gauges

Use in engine assembly to check connecting rod side clearance, piston ring end gap, spark plug gap and valve lash. Gauges have Metric and SAE sizing designations etched in each blade. Choose straight or angled sets.

Part No.	Description
ALL96420	Straight
ALL96421	Angled



## Valve Lash Wrenches

Allstar Valve Lash Wrenches save precious time and eliminate fumbling with two separate wrenches. Available for Jesel, T&D and other poly-lock style rocker assemblies.

Part No.	Description
ALL96400	7/16" Box Wrench, 1/8" Allen Wrench, Jesel Assemblies
ALL96405	7/16" Box Wrench, 5/32" Allen Wrench, Jesel Assemblies
ALL96401	1/2" Box Wrench, 3/16" Allen Wrench, T&D Assemblies
ALL96402	9/16" Box Wrench, 3/16" And 7/32" Allen Wrenches, Stud Girdle Assemblies
ALL96403	5/8" Box Wrench, 3/16" And 7/32" Allen Wrenches, Poly Lock



## Replacement Components

ALL96406	1/8" T-Handle Allen Wrench
ALL96407	5/32" T-Handle Allen Wrench
ALL96408	3/16" T-Handle Allen Wrench
ALL96409	7/32" T-Handle Allen Wrench

## Telescoping Magnet ALL14173

A strong (3 pound pull), telescoping magnet that will retrieve dropped tools or fasteners. Tool extends over 2 feet, and retracts to just 5" to fit in a shirt pocket.



## Telescoping Mirror ALL14174

A 1-1/4" multi-positional, telescoping mirror for inspecting hard-to-see areas or locating engine oil leaks. Mirror is 6-1/2" long and extends to over 19".



## Freeze Plug Driver Set ALL96482

Have problems installing freeze plugs? Use these plastic drivers for simple installation without damaging the plugs or the block. Three sizes per set: 1-1/2", 1-5/8", 1-3/4".

### Individual Drivers

Part No.	Description
ALL96483	1-1/2" Driver
ALL96484	1-5/8" Driver
ALL96485	1-3/4" Driver



ALL96483

ALL96484

ALL96485

## Cam Bearing Installation Tool ALL96470

For installing cam bearings quickly and easily without damage. Shaft is steel; pilot and driver are aluminum.



## SB Chevy Engine Covers

Covers protect engines during storage or transport. 1/8" thick polycarbonate material is formed to fit most small block Chevy applications. Short block cover fastens over cylinder head alignment dowels. Manifold cover is designed to replace manifolds with stock port locations and bolt pattern.

Part No.	Description
ALL96530	Short Block Cover
ALL96532	Manifold/Valley Cover



ALL96530

ALL96532

## "Lockbuster" Spiral Lock Removal Tool

Allstar "Lockbuster" quickly and easily removes spiral locks from full floating pistons without damaging wrist pin holes or lock ring grooves. Head is made of quality steel. "Lockbuster" Spiral Locks are completely redesigned and require no modifications for use with the "Lockbuster" tool.

Part No.	Description
ALL96450	"Lockbuster" With .927" Head
ALL96451	"Lockbuster" With .990" Head
ALL96455	"Lockbuster" Spiral Locks, .927" x .042", 4-Pack
ALL96456	"Lockbuster" Spiral Locks, .990" x .042", 4-Pack
ALL96457	"Lockbuster" Spiral Locks, .927" x .042", 32-Pack
ALL96458	"Lockbuster" Spiral Locks, .990" x .042", 32-Pack



## Rod And Piston Holder ALL96478

Holder safely supports piston and connecting rod assemblies during engine teardowns or assembly. Slots are 4-3/4" long x 1-1/2" wide to accommodate most combinations. Holder measures 24" x 12" x 9-1/2" tall and can be disassembled for storage.



## Rod Guide Tool ALL96480

Plastic tool slips over 3/8" or 7/16" rod bolts to aid piston installation and eliminate the chance of rod bolts hitting crank. A must for any engine builder's toolbox.

Part No.	Description
ALL96481	Rod Guide Tool Extensions 4.5", 1-Pair





# Tools & Accessories

## Valve Spring Compressor **ALL96490**

Adjustable C-clamp style compressor will fit most heads including Hemi. Spring cup will fit stock springs up to 1.750" diameter and a "working window" to gain access to keepers that measures 1.100", which is too large for some small diameter spring/retainer combinations. Compressor has 9/16" hex for use with a wrench, ratchet or impact. This tool will handle spring pressures in excess of 1200 lbs. without slipping off.



## Spark Plug Indexing Tool **ALL96510**



Indexing positions the ground strap of the spark plug properly for best piston dome clearance and unshrouds the electrode for a more even burn and possible gains of 5-15 horsepower. Works with flat gasket or taper seat 14mm spark plugs. Includes instructions.

## Spark Plug Gap Tool **ALL96515**

Used to set consistent plug gap. Insert plug into holder, then put feeler gauge between ground strap and electrode. Gently turn knurled knob until feeler gauge is snug.



## Port And Polish Kit **ALL11052** **NEW!**

Kit includes an assortment of 60, 80 and 120 grit cartridge rolls for cleaning and modifying intake and exhaust ports to match gaskets, remove casting marks and for smoothing out runners. Two 1/4" mandrels are included with each kit.



## 14mm Internal Thread Chaser **ALL96434**

Insert tool past damaged threads, expand and, using undamaged threads as a guide, twist back out to restore damaged threads. The 14mm tool is perfect for repair of damaged spark plug threads without removing cylinder head.



## Compression Tester **ALL96520**

Tester checks cylinder compression from 0 to 300 PSI and features an air-hold valve to reset gauge. Two brass fittings with O-rings are included for 14mm and 18mm spark plug threads. Easy to read 2-1/2" dial is encased in a metal housing with a 12" flexible hose attached.



## Pistol Grip Grease Gun **ALL14300**

Quality gun has comfort grip handle for easy, one hand operation. Gun accepts a standard 14 oz. grease cartridge, features an air bleeder valve to eliminate air lock, and includes a flexible 12" long fill hose.



## Grease Gun Tips

Tips reach to grease fittings in tight areas, such as U-joints, and may also be used to grease the ball spline unit on Bert transmissions. The 2" tip replaces the standard end on most guns with 1/8" NPT. Quick release 4" tip includes a small and large sleeve to fit standard couplers. Tips are for hand operated grease guns only.

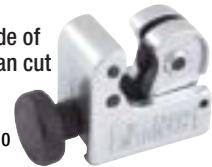
Part No.	Description	ALL14305	ALL14306
ALL14305	.....2" Grease Gun Tip		
ALL14306	.....4" Grease Gun Tip		



## Tubing Cutters

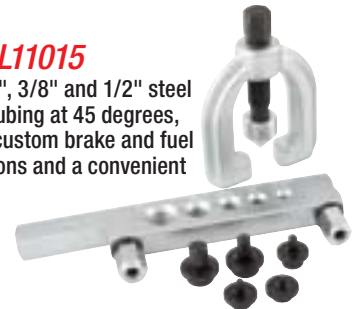
Cut plastic, aluminum, copper or steel tubing without distorting or crushing. Standard cutter works with tubing from 1/8" up to 1-1/8" and has wide rollers for even tracking of cutter wheel, built in reamer for cleaning inside of tubing and an extra cutting wheel. Mini cutter can cut tubing from 1/8" to 5/8" in tight areas.

Part No.	Description	ALL11010	ALL11011
ALL11010	.....Mini		
ALL11011	.....Standard		



## Double Flare Tool **ALL11015**

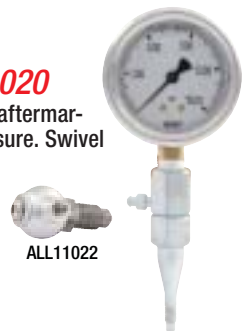
Double flares 3/16", 1/4", 5/16", 3/8" and 1/2" steel or aluminum and .040" copper tubing at 45 degrees, the most common flare used in custom brake and fuel lines. Includes detailed instructions and a convenient plastic storage case.



## Swivel Head Brake Pressure Gauge **ALL11020**

Gauge replaces the bleeder screw in most aftermarket brake calipers and measures brake pressure. Swivel head positions the gauge for easy viewing.

Part No.	Description	ALL11022
ALL11022	.....Adapter To Use Brake Pressure Gauge With GM Metric Calipers	





## Funnels



Heavy duty plastic funnels are perfect for topping off fuel or other liquids. Available in several sizes.

Part No.	Description
ALL40100	6 Qt. Funnel With Brass Screen, Most Common Fuel Funnel
ALL40102	2 Qt. Funnel With Brass Screen
ALL40104	1 Pint Funnel With Brass Screen
ALL40106	4 Oz. Mini Funnels, Pair (One With And One Without Screen)
ALL40109	Funnel Fill Adapter (Reduces Outlet Size)

## Extended Funnels

Funnels with extensions work great for filling fluids in hard to reach areas. Standard funnel is useful for power steering, and automatic transmissions. Funnel with flexible extension is ideal for differentials and manual transmissions. Built in hang tab allows funnel to be secured to body or frame for hands free filling.

Part No.	Description
ALL40107	1 Pint Funnel With Flexible Extension
ALL40108	1 Pint Extended Funnel

## Mini Quick Fill Can

**ALL10098**

Molded plastic, 2-1/2 gallon mini quick-fill can will conveniently fill important pit equipment including generators, golf carts, mini-bikes, etc. Can is 26" tall.



## Drum/Barrel Pump

Hand siphon drum/barrel pump dispenses or transfers low viscosity fluids from a 55-gallon drum. Self priming bulb delivers up to 5 gallons per minute.

## Sprint Wash Plug Set

Aluminum plugs have O-rings for a water tight seal and will keep dirt out of injectors while cleaning sprint car. 4-piece set includes a nylon storage pouch.

Part No.	Plug Diameter
ALL26032	2.4375"
ALL26033	2.50"
ALL26035	2.8125"
ALL26036	2.90"
ALL26038	3.00"



## Sprint Fuel Pressure Gauge

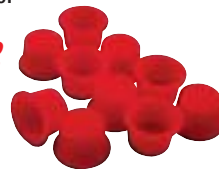
**ALL40330**

Fuel pressure indicator gauge allows pre-adjustment of the high speed, secondary and main valve opening pressures using a compressed air source. Gauge can be mounted directly to the wall or tool box. 4-1/2" diameter dial has a 0-160 PSI range.



## Torsion Bar Plug Kit

Tapered red plastic plugs provide a snug fit yet can be easily removed from torsion bars. Package of ten.



## Cap And Plug Kits

Kits include five of each size, -3 to -16.

Part No.	Description
ALL50800	Plastic Cap Kit
ALL50810	Plastic Plug Kit
ALL50820	Aluminum Cap Kit
ALL50830	Aluminum Plug Kit



## Caps And Plugs

A must for keeping debris out of lines and hoses on dry sump pumps, fuel pumps, pressure regulators, etc. Caps and plugs fit 37° flared fittings and straight threaded ports. Available in plastic and aluminum.



Cap Part No.	Plug Part No.	AN Size	Thread Size	No. Per Pkg.
<b>Plastic Caps And Plugs</b>				
ALL50801	ALL50811	-3	3/8"-24	20
ALL50802	ALL50812	-4	7/16"-20	20
ALL50803	ALL50813	-6	9/16"-18	20
ALL50804	ALL50814	-8	3/4"-16	20
ALL50805	ALL50815	-10	7/8"-14	10
ALL50806	ALL50816	-12	1-1/16"-12	10
ALL50807	ALL50817	-16	1-5/16"-12	10
<b>Aluminum Caps And Plugs</b>				
ALL50821	ALL50831	-3	3/8"-24	20
ALL50822	ALL50832	-4	7/16"-20	20
ALL50823	ALL50833	-6	9/16"-18	20
ALL50824	ALL50834	-8	3/4"-16	20
ALL50825	ALL50835	-10	7/8"-14	10
ALL50826	ALL50836	-12	1-1/16"-12	10
ALL50827	ALL50837	-16	1-5/16"-12	10



## Tire Sander ALL44185

Extend the life of used tires by removing the thin, hardened layer of rubber. Heavy duty 7" Milwaukee sander has a 0-6,000 adjustable RPM range, to compensate for varying tire hardness, and a 10 ft. detachable cord. Backing pad and discs are sold separately.



- | Part No.      | Description                                   |
|---------------|---|
| ALL44186..... | 7" Backing Pad                                |
| ALL44187..... | 7", 36 Grit Discs, 5-Pack                     |
| ALL44184..... | Filter For Tire Sander                        |
| ALL99134..... | Replacement 10' Cord for ALL44185 Tire Sander |

## Tire Grinding Discs

Grind off the hardened outer "skin" on used dirt track tires and create round, aggressive sipes to increase traction. Use caution when handling and storing nail head disc, pins are needle sharp.



- | Part No.      | Description                                     |
|---------------|---|
| ALL44180..... | Rounded Disc, 23 Grit, 4" Dia., 5/8" Arbor Hole |
| ALL44181..... | Flat Disc, 23 Grit, 4" Dia., 5/8" Arbor Hole    |
| ALL44182..... | Rounded Disc, 16 Grit, 7" Dia., 7/8" Arbor Hole |
| ALL44183..... | Nail Head Disc, 7" Dia., 5/8" Arbor Hole        |

**Safety Note:** To prevent bodily injury the tire must be mounted on the car or secured in a tire holder. Eye and hand protection is required.

## Tire Prep Stand ALL10555

Steel tire prep stand is a must when grooving, siping, grinding or even cleaning tires. Bolts together, and the pivoting head eases initial tire mount. A locking T-handle secures the head assembly. Can be used with 5x5 or Wide 5 wheels.



## Tire Prep Mount ALL10561

Manual steel tire prep mount eases grooving, siping, grinding or even cleaning tires. Special one-way bearings prevent "roll back" when grooving or siping. Bolt to a wall stud or other solid surface. Can be used with 5x5 or Wide 5 wheels. ALL10562 wall swivel (sold separately) allows use at various angles.



- | Part No.      | Description               |
|---------------|---------------------------|
| ALL10562..... | Swivel Wall Mount Bracket |



## Electric Tire Prep Stand ALL10565

Electric tire prep stand eases grooving, siping, grinding and even cleaning of tires. Two-way switch permits clockwise or counterclockwise rotation. Foot operated pedal controls the rotation of the tire. A 110V accessory outlet is included for convenient plug-in of siper or groover. Stand will accommodate 5x5 or Wide 5 wheels.



- | Part No.      | Description                  |
|---------------|------------------------------|
| ALL10566..... | Electric Motor Assembly Only |
| ALL10567..... | Cart Only                    |

## Tire Sander Holder ALL10569

Bracket bolts to electric tire prep stand ALL10565, used a convenient holder for the ALL44185 tire sander.



## Grooving Iron Holder ALL10568

Bracket bolts to electric tire prep stand ALL10565 and holds two Ideal style grooving irons.



## Tire Tool ALL10550

Tire tool perforates tire surface for better traction. Steel roller is 2" wide with a series of 1/4" tall, straight pin rows. 5" wood handle. Use caution when handling and storing tool, pins are needle sharp.



## Heated Tire Groover ALL10270

Groover adds extra traction in minutes. Tapered, razor sharp blade grooves fast and easy. To operate, insert a blade into the groover, set blade height with a tire depth gauge and set the power level. Place the cutting edge against the tire surface and apply pressure to activate rocker switch, creating instant heat. Includes 4/32", 6/32", 8/32" and 10/32" flat blades.



Part No.	Description	Part No.	Description
<b>Replacement Blades (12-Pack)</b>			
ALL10267	#1 Round, 1/32"	ALL10274	#8 Flat, 8/32"
ALL10268	#2 Round, 2/32"	ALL10275	#10 Flat, 10/32"
ALL10269	#3 Round, 3/32"	ALL10276	#4 Round, 4/32"
ALL10271	#3 Flat, 3/32"	ALL10277	#6 Round, 6/32"
ALL10272	#4 Flat, 4/32"	ALL10278	#8 Round, 8/32"
ALL10273	#6 Flat, 6/32"	ALL10279	#10 Round, 10/32"

<b>Replacement Components</b>	
ALL99104	Tension Lever Kit
ALL99105	Head Assembly
ALL99106	Front Pads With Screws, 3-Pair
ALL99107	Rear Pads With Screws, 3-Pack

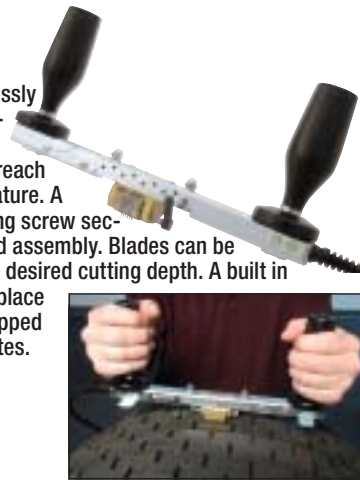


## Heated Tire Siper ALL10266

Sipe tires quickly and effortlessly while maintaining precise control. Siping can greatly improve traction by allowing the tire to reach and maintain optimum temperature. A locking lever and blade clamping screw secures up to 13 blades in the head assembly. Blades can be easily positioned up or down to desired cutting depth. A built in blade rail holds blade strips in place while individual blades are snapped away. Tool heats in 10-15 minutes. 110V plug in operation only.

### Replacement Components

Part No.	Description
ALL99104	Tension Lever Kit
ALL99108	Blades For ALL10266 (36 Individual Blades)



## Tire Sipers

Get more sipes per swipe! 6-blade and 14-blade sipers quickly and precisely sipe tires for better traction. Units have adjustable sipe depth. Lightweight sipers use standard utility blades and are constructed for heavy duty use.

Part No.	Description
ALL10264	14-Blade, Red
ALL10265	6-Blade, Black



## Tire Siper ALL10109

Cutting tires for added traction is easy with this handy tool. Push tool across tire; no heat required. Includes #4 head and blade.

### Replacement Component

Part No.	Description
IHKBL04	#4 Blades, 12-Pack



## Siping Heads

For use with Ideal IHK 125 grooving iron, heads have spacers to convert grooving iron to a multi-blade siping tool. Blades for siping sold separately.

Part No.	Description
ALL10545	4-Blade #3 Head
ALL10546	4-Blade #4 Head
ALL10547	6-Blade #2 Siping Head
ALL10548	6-Blade #3 Siping Head

### Replacement Components

IHKBL02	#2 Blades, 12-Pack
IHKBL03	#3 Blades, 12-Pack
IHKBL04	#4 Blades, 12-Pack



## Stagger Gauge ALL10116

Measures tire diameter and automatically converts it to circumference. Strong tubular gauge will not flex and will provide accurate, consistent stagger measurements every time. Gauge measures from 65" to 115" in 1/4" increments.

### Replacement Component

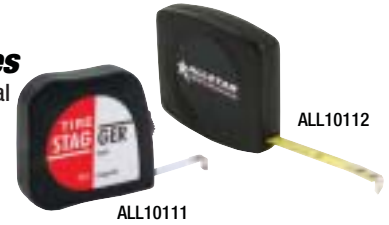
ALL99044	Replacement Decal
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## Tire Tape Measures

Ten foot long tapes are ideal for measuring tire diameters and checking stagger.

Part No.	Description
ALL10111	Economy
ALL10112	Deluxe



## 16 Ft. Tape Measure ALL10675

16' x 3/4" blade has fractional markings every 1/8" for quick reference.



## Tire Crayons

Ideal for temporary tire marking. 1/2" x 4-5/8".

Part No.	Description
ALL12060	White
ALL12061	Yellow



## Paint Markers

Oil-based markers resist weather, washing and peeling. Perfect for writing on tires.

Part No.	Description
ALL12050	Aluminum
ALL12051	Yellow
ALL12052	White
ALL12053	Red
ALL12054	Blue
ALL12055	Light Blue



## Precision Height Gauge ALL10670

Accurately determine frame height or any under car measurement with minimal effort.

No need to remove hood or lay on ground. Position gauge at desired chassis contact point, slide rule to height location and read the gauge. Laser engraved increments read 1.5" to 15".

### Replacement Component

ALL99148	Replacement Slide Rule For ALL10670
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## Ride Height Blocks

Chassis set-up blocks are adjustable in 1/4" increments. A quick release pin holds block at desired height. Bottom surfaces of blocks are contoured to fit steel tubing or any flat surface and have magnets for holding block to chassis. Short blocks adjust 1.75"-4". Tall blocks adjust 3"-6". Package of two.

Part No.	Description
ALL10720	Short
ALL10721	Tall



## Ride Height Block Adapters ALL10722

Adapters replace the standard flat pad on Ride height blocks and are machined to cradle axle tubes during chassis set-up. Package of two.



## Toe Plates

Aluminum plates simplify setting of toe-in and toe-out. Plates fit against outside edges of tires. Using two tape measures (sold separately), measure the distance front and rear, between plates. The difference in tape readings is the toe setting. Deluxe plates have radiused edges, slots for narrow and wide tape measures and are 9" tall x 23" wide to work with vehicles with smaller wheel openings. Standard plates are 1/2" thick, 11" tall x 32" wide and work well for vehicles with larger wheels and wheel openings. Set of two plates.



ALL10117



ALL10119

Part No.	Description
ALL10117	Standard
ALL10119	Deluxe

## Bead Breakers

Convenient tools make quick work of breaking down even the most stubborn tire beads. Durable steel construction with rubber hand grips. Wide jaw bead breaker works well with soft sidewall tires. For use with 15" wheels.



ALL10105

Part No.	Description
ALL10105	Standard
ALL10106	Wide Jaw

ALL10106

## Tire Spoons

Steel Tire Spoon will separate tire from rim after breaking tire bead.



ALL10103

ALL10104

Part No.	Description
ALL10103	Straight, 24" Long
ALL10104	Curved For Initial Tire Dismounting, 16-1/2" Long

## Track Mats

Mats fold for easy storage and are ideal for use on asphalt, dirt, in the pits or on the garage floor. Vinyl covered pad measures 52" x 24" unfolded, 12" x 24" folded.

Part No.	Description
ALL10126	Black
ALL10127	Red
ALL10128	Blue



ALL10127 Folded

## Utility Pad ALL12013

All purpose utility pad is an ideal ground cloth at the track, fender/seat cover or moving/storage pad. Quilted with bound edges. 72" x 80".



## Brake Bleeder Bottle ALL11019 **NEW!**

Contain the mess of bleeding brakes with this 16oz. brake bleeder bottle. An attached lanyard fastens around a chassis or suspension part to secure bottle while bleeding. A 15" long hose fits most bleeder screws and the screw-off cap has a built-in fitting to secure bleed hose during storage helping to prevent spills.



## Aluminum Pit Jack

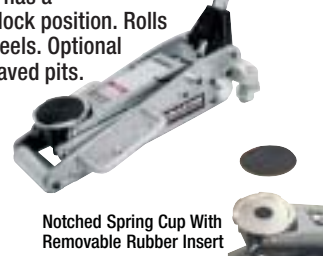
Lightweight, 3,000 lb. capacity floor jack has a low profile to roll under the lowest slung race chassis. Made of high quality aluminum, jack incorporates a patented hydraulic system to reach maximum height of 17-1/2". Large, two-piece handle has a spring detent to stop it at the 12 o'clock position. Rolls easily on heavy duty rear caster wheels. Optional dirt wing adapts jack for use in unpaved pits.



Part No.	Description
ALL10422	3 Pump Red
ALL10425	6 Pump Silver

### Replacement Components

ALL10427	Replacement Jack Seal Kit
ALL99046	Replacement Caster
ALL99047	Replacement U-Joint For ALL10422/10425
ALL99049	Replacement Thumbscrew For ALL10422/10425
ALL99132	Jack Handle For Aluminum Jack

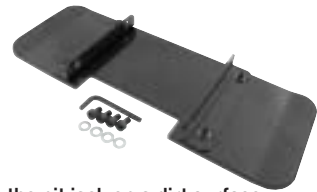


Notched Spring Cup With Removable Rubber Insert

## Dirt Wing For Pit Jack ALL10426



Provides a sturdy base when using the pit jack on a dirt surface.



## Jack Stands ALL10124

Jack stands with unitized frame will support three tons. The ratchet locking mechanism assures safe, positive height control. Adjustable from 11-5/8" to 16-1/2". Sold in pairs.



## Stack Stands

Support stands can be stacked together to conserve valuable space in the trailer or the shop. Stands are 14" tall with a sturdy 12" x 15" base. Choose aluminum stands, rated at 3,000 lbs., or steel versions, rated at 3,500 lbs. Sold in pairs.



ALL10254

Part No.	Description
ALL10254	Steel, Red
ALL10255	Aluminum, Silver

Stacked



## Valve Core Tool ALL44030

Easily remove and install new valve cores. Base of handle has a machined pattern to aid with grip. Ergonomically designed and crafted from stainless steel. Measures 3" overall length.

