

## ***Circle Track Technology Continues...***

**Circle track cars continue to become more sophisticated as NASCAR technology and engine building techniques give rise to influential ripples that touch every track nationwide. Dirt, asphalt, short track or super speedway, going in circles is still an enjoyable pastime and our primary concern is supplying the parts that keep the sport alive with change. This latest catalog is just what is needed: a source of all the right parts to make every car a winner.**



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## tools and accessories

### 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"

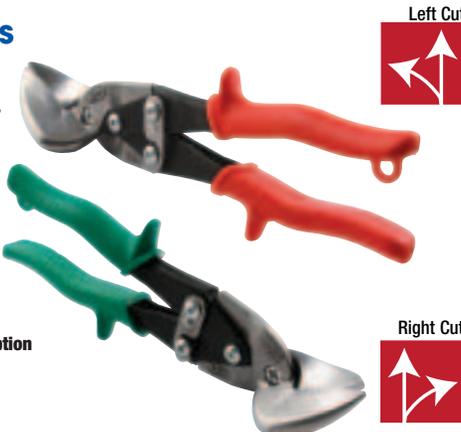


Sample Punch

### 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
ALL11031.....	Green



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".



### Body Radius Tool

#### ALL23100

Solid oak tool can be used to flare edges of wheel openings when fabricating fenders and quarter panels out of aluminum. Tool has two different radiuses to create the correct flare for your needs.



### 3/16" Double Ended Drill Bits

#### ALL18204

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



### Drill Bits For Flange Rivets 13/64"

#### ALL18203

A common size bit for working with 3/16" flange type rivets. High speed steel bits have black oxide finishes and self centering tips. Flute length: 1-3/16", overall length: 2-1/4". Package of 2.



### Spring Steel Drill Bit ALL23115

Specially hardened drill bit is required for drilling spring steel. The 17/64" size simplifies installation of 1/4" hardware. Sold individually.



### Spring Steel Punches



ALL23116

ALL23117

Spring steel punches place a 1/4" diameter hole 1/2" from the end of Allstar's 1" x .062" thick spring steel material. Built in stop positions material within punch for accurate hole placement. Choose from two types, ALL23116 is placed on a hard surface and struck with a light hit from a 3 to 4 lb. hammer. ALL23117 can be placed in a vice or handheld and impact driven using a 3/4" socket to punch spring steel already mounted to race car.

Part No.	Description
ALL23116 .....	Hammer Type
ALL23117 .....	Impact Type

#### Related Components

ALL23110 .....	Spring Steel Roll 40'
ALL23115 .....	17/64" Spring Steel Drill Bit



### 43/64" Wheel Stud Drill Bit ALL11045

43/64" bit is correct for drilling hubs or axle flanges to accept most 5/8" wheel studs with .690" knurl diameter. 1/2" shank.



### Step Drill Set ALL11040

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



### 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.





## tools and accessories

### 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



ALL11064

### 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.



### 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.



### Pin Type Cleco Fasteners

Cleco pins permit quick, easy installation and removal of sheet metal during fitting. Pins work with thicknesses up to 1/4".

Part No.	Description
ALL18222.....	1/8" Dia. Pins, 10-Pack
ALL18223.....	1/8" Dia. Pins, 25-Pack
ALL18224.....	1/8" Dia. Pins, 100-Pack
ALL18226.....	3/16" Dia. Pins, 10-Pack
ALL18227.....	3/16" Dia. Pins, 25-Pack
ALL18228.....	3/16" Dia. Pins, 100-Pack



### Clamp Type Cleco Fastener

#### ALL18230

Use when drilling is not an option. Smooth throat prevents paint damage, and spring exerts strong clamping pressure. Throat depth is 1" with a maximum clamping range of 1/2".



### Cleco Pliers ALL18220

Unique tool readily installs and removes Cleco fasteners.



Shannon Babb

Photo By: John Berglund



## tools and accessories

### 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



### 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



### Weather Pack Pliers ALL76221 **NEW!**

Spring action pliers crimp weather pack terminals with a professional, factory style crimp. Pliers crimp 12-22 gauge weather pack and also 10-22 non-insulated terminals.



### Impact Crimper ALL76135

Excellent for permanently crimping standard cable ends to battery cables.



### 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.



### Weather Pack Terminal Tool ALL76264

Tool removes male and female pin terminals from Weather Pack connectors without damage.



### 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 air-flow 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. 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





# tools and accessories

## 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

## Crew 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



## Shop 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"



## 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 5,000 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.



## tools and accessories

### Chassis Tie Down Brackets

**ALL60075**

Steel brackets weld to chassis and provide a secure mounting location to hook a tie down strap or winch cable. Set of two.



### Recessed D-Ring

**ALL10210**

Heavy duty recessed D-Ring.



### Ratchet Binders



ALL10180



ALL10182

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 1,000lb rating.

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

### Retractable Tow Strap

**ALL10198**

Easily secured to tow vehicle and vehicle to be towed. Automatically extends and retracts to eliminate running over strap. Strap is 13 ft. long with a 4000 lb. towing capacity. Recoils when not in use for easy storage.



### Rescue Tape **ALL14285** *NEW!*

Rescue tape is a self-fusing silicone repair tape with many uses including sealing plumbing and hoses, insulation of wiring from up to 500 degrees of heat, sealing electrical connections and provides extra grip on steering wheels and tool handles. Resists fuels, oils, solvents and will not gum up or become sticky like most other tapes. Roll is 1" wide x 12' long x 20mil thick.



### Thread Sealant Tape **ALL14282**

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



### Electrical Tape **ALL14280**

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



### 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>		<b>2" Wide x 180'</b>	
ALL14140.....	Silver	ALL14156.....	Orange
ALL14141.....	Black	ALL14157.....	Green
<b>2" Wide x 180'</b>		ALL14158.....	Burgundy
ALL14150.....	Silver	ALL14159.....	Purple
ALL14151.....	White	ALL14162.....	Teal
ALL14152.....	Red	<b>3" Wide x 180'</b>	
ALL14153.....	Black	ALL14142.....	White
ALL14154.....	Yellow	ALL14143.....	Black
ALL14155.....	Blue		

### 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>		<b>2" Wide x 45'</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.



Eric Wells

Photo By: John Berglund



## tools and 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.



### 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

### Quick Release Fire Extinguisher Bracket ALL10510

Keeps extinguisher secure and allows quick access by pulling pin. Mounts most 2-1/2 lb. extinguishers to flat panel or tubing with supplied clamps.



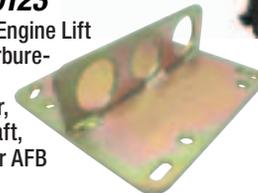
### 8-Ton Ram ALL10177

8-ton ram is ideal for upgrading or restoring worn out shop hoists. Ram is 25" fully collapsed between mounting holes and 44-1/2" fully extended. Mounting holes are 5/8" diameter, shaft is 1-1/8" diameter.



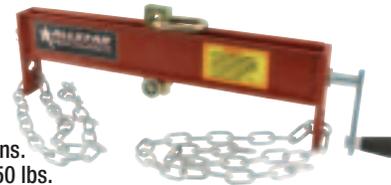
### Engine Lift Plate ALL10123

Ease engine swaps with the Allstar Engine Lift Plate. Bolts to manifold in place of carburetor. Gold anodized plate fits standard Holley 4150/4160 and 4500 Dominator, Rochester Quadrajet, Carter, Motorcraft, Edelbrock, Edelbrock Q-Jet and Carter AFB carburetors.



### 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.



Rick Eckert

Photo By: Mike Campbell



# tools and accessories

## SB Chevy 2-Piece Engine Stand

**ALL10157** *NEW!*

2-piece engine stand constructed from 1" x 2" steel tubing is specially designed to clear most oversized dry sump oil pans with up to a 9" deep sump. Stand includes six 3/8" x 1" grade 5 bolts and accepts wheel kits with 3/8" studs.



## SB/BB Chevy 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 Duty 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.

Part No.	Description
<b>Standard Duty Cradles</b>	
ALL10130.....	SB and BB Chevy
ALL10138.....	GM LS Series
ALL10145.....	SB Ford*
ALL10150.....	SB Mopar

Part No.	Description
<b>Heavy Duty Cradles</b>	
ALL10132.....	SB and BB Chevy
ALL10139.....	GM LS Series
ALL10148.....	SB Ford
ALL10152.....	SB Mopar

*\* This is a version designed to work with most aftermarket blocks including Dart, World, and Ford Boss blocks with ribbed engine mount bosses and bulged water jackets. Will also work with stock blocks.*

**Accept Bolt-On Wheel Kits**



## Cradle Wheel Kits

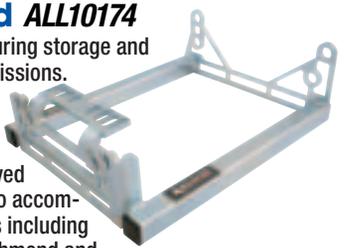
Hard rubber wheel kits may be mounted to Allstar engine cradles ALL10130 thru ALL10152. Kits are also available with locking wheels, ideal for storing spare engines in trailer. Standard duty kits feature 3/8" studs and heavy duty models use 1/2" studs. Four wheels per kit.

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



ALL10163

## Transmission Stand



**ALL10174**  
Avoid damage and fluid leaks during storage and transport of many popular transmissions. Multi-positional stand also keeps the transmission level and clean during servicing. An adjustable rear stabilizer bracket can be moved fore and aft as well as vertically to accommodate a variety of transmissions including Bert, Brinn, Muncie, Saginaw, Richmond and many others. Overall dimensions 11" x 14" x 6".

## Rear End Station Brackets

**ALL10178** *NEW!*

Stand adapter brackets fasten to adjustable arms of most engine stands. Supports full size car and light truck rear axle housings when servicing or replacing differential gear sets. Position housing onto arms and secure into place with included retaining straps. (Engine stand sold separately.)



**Engine Stand Not Included**

## 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.

## 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



Todd Sherman

Photo By: Stan Kalwasinski



## tools and accessories

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

Optional Components	
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.



### 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.



### 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 Components	
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.



### 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".



### 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.



### Spindle Checker Tools

Assure correct alignment of the upper and lower ball joint when checking for bent spindles. Insert slugs into spindle and guide rod will fit through slugs if spindle isn't bent. Kits fit most aftermarket race and GM stock metric spindles.



Part No.	Description	Upper B/J (Taper)	Lower B/J (Taper)
ALL11176	Kit With GM Lower	ALL56214 (1-1/2")	ALL56206 (2")
ALL11177	Kit With Chrysler Lower	ALL56214 (1-1/2")	ALL56216 (1-1/2")
ALL11184	GM Metric	ALL56220 (2")	ALL56218 (2")

#### Related Components

Part No.	Description
ALL99140	GM Lower Slug With Nut (2" Per Ft.)
ALL99141	Chrysler Lower Slug With Nut (1-1/2" Per Ft.)
ALL99142	Upper Slug With Nut (1-1/2" Per Ft.)
ALL99143	Replacement Guide Rod
ALL99158	GM Metric Lower Slug With Nut (2" Per Ft.)
ALL99159	GM Metric Upper Slug With Nut (2" Per Ft.)

### Metric Spindle Gauge ALL42132

For use with GM metric spindles, simple tool checks for bent spindle steering arm.





## Ball Joint Spreader Tool ALL11174

Tool separates ball joint from the spindle. Inside of cylinder is shaped to fit over tapered stud of most ball joints and presses against stud of other ball joint. Not for use on FWD or 4WD applications. Tool is 4" tall fully collapsed and 6" tall fully extended.

### Related Component

**Part No. Description**  
ALL11175.....1" Extensions (Set Of Two)



## Taper Reamers

Repair or enlarge tapered holes to accept tie rod ends or ball joints. Reamer may be used in a drill with a 1/2" chuck by removing the T-handle.

**Part No. Description**  
ALL11170.....Reamer, 7.15°, 1-1/2" Taper Per Ft.  
ALL11172.....Reamer, 9.56°, 2" Taper Per Ft.



### Taper Reamer Specifications For Ball Joints

Part No.	Taper Specs	Part No.	Taper Specs
ALL56204	1-1/2" Taper/Ft.	ALL56217	1-1/2" Taper/Ft.
ALL56206	2" Taper/Ft.	ALL56218	2" Taper/Ft.
ALL56208	2" Taper/Ft.	ALL56220	2" Taper/Ft.
ALL56210	1-1/2" Taper/Ft.	ALL56280	1-1/2" Taper/Ft.
ALL56212	2" Taper/Ft.	ALL56284	1-1/2" Taper/Ft.
ALL56214	1-1/2" Taper/Ft.	ALL56286	1-1/2" Taper/Ft.
ALL56216	1-1/2" Taper/Ft.		

## 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

**Part No. Description**  
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



# tools and accessories

## Cam Bearing Installation Tool ALL96470

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

## 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".

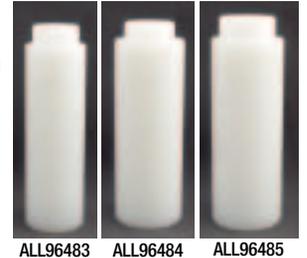


## Freeze Plug Driver Set ALL96482

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



## SB Chevy Engine Covers ALL96530

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



## LS Main Cap Removal Tool ALL96525

Quickly and easily pull main bearing caps off GM LS series V-8 engines, especially those with main studs. Hook tool to the bottom of cap, press down on handles, and the balanced leverage pulls the cap out of the block with one swift motion. 26" long x 4" high.



Matt Kocourek

Photo By: Bud Gebben



## tools and accessories

### 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



### 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**

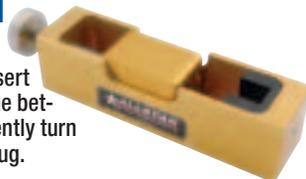


Indexing positions the ground strap of the spark plug properly for best piston dome clearance and unshrouds the electrode for a more even burn and possible gains of 5-15 horsepower. Works with flat gasket or taper seat 14mm spark plugs. Includes instructions.

### 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.



### 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.



### 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.



### 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.....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.



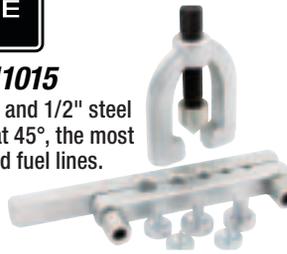
**Part No. Description**  
ALL11010.....Mini  
ALL11011.....Standard



## tools and accessories

### 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°, 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.....Adapter To Use Brake Pressure Gauge With GM Metric Calipers



### 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.



### 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



### Drum/Barrel Pump ALL40114

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.



### Primer Bottle ALL40090 **NEW!**

Durable plastic squeeze bottle is ideal for priming alcohol engines. Cap has an angled filler tube, with tapered tip that easily fits into the vent tube of carburetor fuel bowl. 16.9 ounce capacity.



### Carb Stand ALL26200

Aluminum stand simplifies carb maintenance and will hold carb off of work bench surface. Will work with carb in either direction and fits Edelbrock, Quadrajet, and Holley 2- and 4-barrel carbs.



### Plastic Carb Hats

For use in garage or pit area when air cleaner needs to be removed. Screen type hat is recommended when adjusting valves. Black plastic.

**Part No. Description**  
ALL26040.....Carb Hat  
ALL26042.....Carb Hat With Screen



### Aluminum Carb Hats

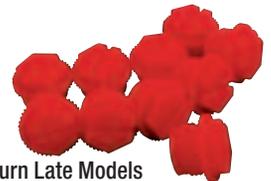
Great for garage or pit area when air cleaner is removed. 2-1/2" tall for use with 5-1/8" diameter carb necks. Standard hat is spun, Deluxe is machined and has a sealing o-ring.

**Part No. Description**  
ALL26043.....Standard  
ALL26044.....Deluxe



### Rayburn LM Threaded Plug Kit ALL50850

3/4"-16 red plastic plugs easily thread into rear suspension bungs found on Rayburn Late Models to keep out dirt and debris. Package of ten.



### Torsion Bar Plug Kit ALL50852

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



Doug Nigh

Photo By: Chris Damitz



## 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	Number 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

## 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

## 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.

## tools and accessories

### 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 counter-clockwise 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



### Grooving Iron Holder ALL10568

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

### Tire Sander Holder ALL10569

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



### Tire Tool Adapter ALL10570 **NEW!**

Tire tool adapter is designed for use as an accessory to Allstar's electric tire prep stand ALL10565. Adapter arm with cushioned handles slides left and right to allow tire tool access to the entire width of tire. All mounting hardware is included. Adapter accepts ALL10551 tire tool head (sold separately).





# tools and accessories

## 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>		<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		

## Heavy Duty Flat Bottom Grooving Blades *NEW!*

Heavy duty blades are twice as thick as standard blades for removing large amounts of material with less chance of blade damage.

Part No.	Description
ALL10580	#16 Flat, 16/32"
ALL10582	#20 Flat, 20/32"
ALL10584	#24 Flat, 24/32"
ALL10586	#32 Flat, 32/32"



## 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

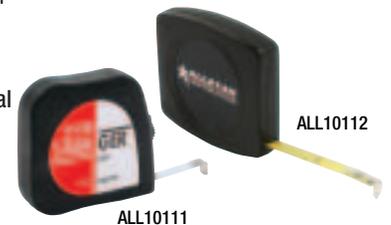
Part No.	Description
ALL99044	Replacement Decal



## Tape Measures

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

Part No.	Description
ALL10111	Economy
ALL10112	Deluxe



## Tire Crayons

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

Part No.	Description
ALL12060	White
ALL12061	Yellow





## tools and accessories

### Paint Markers

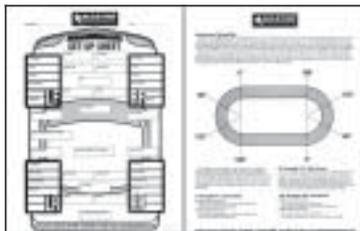
Oil-based markers resist weather, washing and peeling. Perfect for writing on tires.

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



### Circle Track Set Up Sheets ALL045

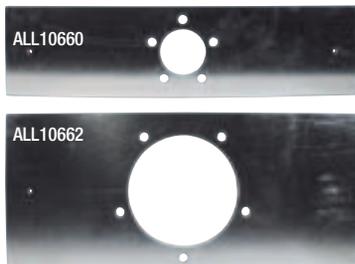
Keep detailed notes and log important information with Allstar set up sheets. Sheets have blank spaces for documenting chassis information such as caster, camber, shock settings, spring rates, tire size and air pressures. 50 sheets per 8-1/2" x 11" tablet.



### Set-Up Plates

Set-up plates are used for squaring and stringing chassis to ensure accurate chassis set-up by eliminating wheel and tire differences. Plates can also be used when setting bump steer or checking axle tubes for straightness. Sold each.

Part No.	Description
ALL10660.....	5x5, 7" x 28"
ALL10662.....	Wide 5, 12" x 28"



### Set-Up Stand

Before tire and wheel are removed, measure distance from center of hub to the ground. Remove the tire and wheel, replace with the set-up stand and adjust accordingly. Adjustments can be made with car at exact ride height with the wheel and tire out of the way. Sold each.

Part No.	Description
ALL10664.....	5x5
ALL10666.....	Wide 5



Kathy Jarvis



Jimmy Novak

Photo By: Jim DenHamer

### 16 Ft. Tape Measure

#### ALL10675

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



### Ground Clearance Indicator ALL10725

Determine how close the frame is to the race track. Unique kit features an aluminum bracket that rivets to the frame with an adjustable plastic wear rod. Sold each.

#### Replacement Component

Part No.	Description
ALL10726.....	Wear Rods, 4-Pack



### Caster Plate ALL10752 **NEW!**

Not sure if you turned your wheels the same amount each time when adjusting caster settings on your car? Unless you have expensive turn plates, you're never certain, until now. This quick reference gauge positions under the upper ball joint nut, with markings facing up, to easily view. Place a mark on the shock body or fabricate an indicator to use as a reference point.



### Set-Up Tool ALL10668

Tool replaces the front coil-over shock assembly to simulate range of front suspension movement for checking bump steer and roll center. Hex head, threaded shaft raises and lowers suspension to simulate racing conditions. Jam nuts can be positioned to limit rebound and compression.



### 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.

Part No.	Description
ALL10117.....	Standard
ALL10119.....	Deluxe



ALL10117



ALL10119