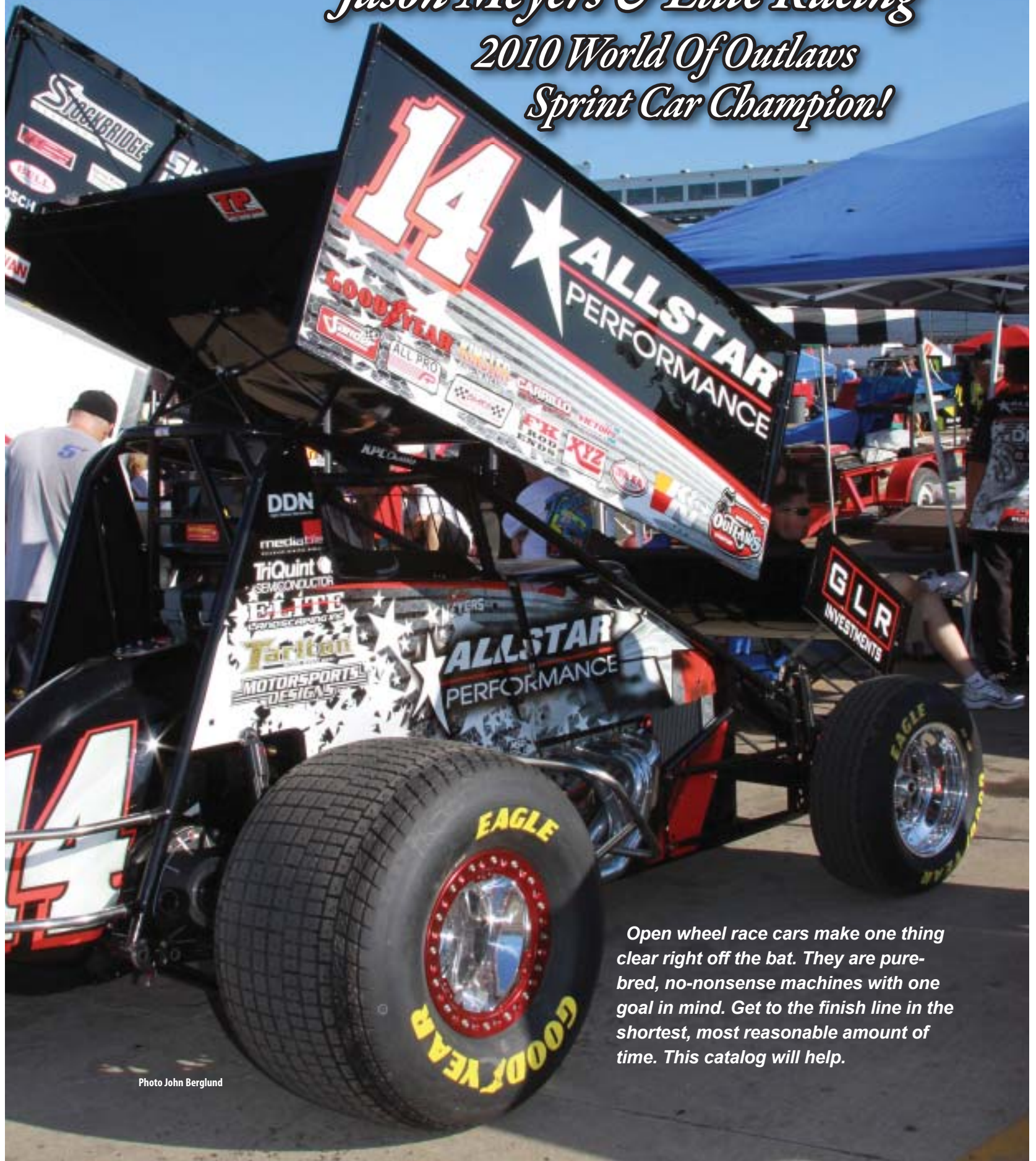


# *Congratulations* *Jason Meyers & Elite Racing* *2010 World Of Outlaws* *Sprint Car Champion!*



*Open wheel race cars make one thing clear right off the bat. They are pure-bred, no-nonsense machines with one goal in mind. Get to the finish line in the shortest, most reasonable amount of time. This catalog will help.*

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### 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, 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 six.



### 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 two.



### 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. Set includes one 3/16"-1/2", one 1/4"-3/4" and one 1/8"-1/2" drills.



### Tools & Accessories

#### 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.



#### Fine Thread Taps

Tungsten steel taps are titanium coated for long life. 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.....	0.75-1.00, 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.



**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 Blades ALL11002**

**Koul Tools and 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 which helps guide braided hose into fitting. Kits include tools, fitting adapters for most fittings, detailed assembly instructions and storage case. Not for use with teflon-style hoses.

Part No. Description

**Tools**

- 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

**Kits**

- ALL11085.....Koul Tool 6AN Kit
- ALL11086.....Koul Tool 8AN Kit
- ALL11087.....Koul Tool 10AN Kit
- ALL11088.....Koul Tool 12AN Kit



**NEW!**



**Tools & Accessories**

**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.



**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 pre-painted white. 23" long x 3-1/2" deep x 5-1/2" tall.



**NEW!**

**Nitrogen Bottle Holder ALL12210**

Attach to trailer or shop wall to secure 9-1/4" diameter nitrogen bottle in upright position. Heavy steel bracket has a 1.5" wide hinged strap that pivots for easy bottle replacements. Overall bracket length 17.5" with mounting holes 16" on center. Set of two.



**NEW!**

**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. Use 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





**Nitrile Gloves NEW!**

Strong nitrile gloves protect from oils, solvents and chemicals. Offered in blue and black, in packages of 100.



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

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



**Heavy Duty Tie Downs, Straps And D-Rings**

- 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
- ALL10210.....Heavy Duty Recessed D-Ring



**Tools & Accessories**

**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.

**Ratchet Binder ALL10180**

Secure extra equipment in the trailer with this 1" wide, 8 Ft. long binder made of heavy duty nylon webbing. Easy, one-hand operation. Rated at 1,200 lbs.



**Ratchet Binder ALL10182**

NEW!

Secure extra equipment in the trailer with this 1" wide x 16' long binder made of heavy duty nylon webbing and heavy duty wide handle buckle. Easy, one-hand operation. 1,000 lb. working load limit.



**Recessed D-Ring ALL10210**

Heavy duty recessed D-Ring.



**Racer's Tape**

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

- Part No. Description
- 1" x 90 Ft**
- ALL14140.....Silver
- ALL14141.....Black

- Part No. Description
- 2" x 180 Ft**
- ALL14150.....Silver
- ALL14151.....White
- ALL14152.....Red
- ALL14153.....Black
- ALL14154.....Yellow
- ALL14155.....Blue
- ALL14156.....Orange
- ALL14157.....Green
- ALL14158.....Burgundy
- ALL14159.....Purple
- ALL14162.....Teal

- Part No. Description
- 3" x 180 Ft**
- ALL14142.....White
- ALL14143.....Black





### Non-Skid Tape **ALL14165**

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, 4" x 10' roll.



### Gaffer's Tape

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



Part No. Description

#### 2" Wide x 180'

ALL14251.....White  
ALL14252.....Red  
ALL14253.....Black  
ALL14254.....Yellow  
ALL14255.....Navy Blue

Part No. Description

#### 2" Wide x 45'

ALL14145.....Fluorescent Green  
ALL14146.....Fluorescent Pink  
ALL14147.....Fluorescent Orange  
ALL14148.....Fluorescent Yellow

#### 4" Wide x 180'

ALL14261.....White  
ALL14263.....Black



### Black And White Checkered Tape **ALL14149**

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

### 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 ultra violet light. Will not yellow over time.



Part No. Description

ALL14275.....2" x 30'  
ALL14276.....3" x 30'  
ALL14277.....4" x 30'

### Reflective Tape **NEW!**

Reflective tape is weather and solvent resistant for outdoor use on the side and rear of trailers, and other hard to see vehicles including 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.



ALL14240



ALL14242

Part No. Description

ALL14240.....Reflective Tape Triangle Pattern  
ALL14242.....Reflective Tape Diamond Plate Pattern

### Electrical Tape **ALL14280**

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



### Teflon Thread Tape **ALL14282**

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



### Tape Gun **ALL14163**

Use with shipping tape.



### 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



## Tools & Accessories

### Heavy Duty Engine Stands

Choice of ALL10175 with an I-shaped base with support through the center, or ALL10176 with a U-shaped base and an open center area. Both stands include heavy duty casters, 360° rotating head assembly and sliding handle.



Part No.	Max. Capacity	Length	Width	Height	Weight
ALL10175	1000 lbs.	32"	30"	30"	52 lbs.
ALL10176	1250 lbs.	32"	30"	32"	59 lbs.

### Sprint Engine Cradle **NEW!**

Cradle bolts to most stock type and aftermarket SB Chevy blocks, including narrow pattern lightweight, LS Series 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.



### SB/BBC Engine Cradle w/Casters **NEW!**

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



### Economy Engine Cradle **ALL10171**

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



### 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 must be purchased separately.

Part No. Description  
**Standard Duty Cradles**  
ALL10130.....SB and BB Chevy  
ALL10145\* .....SB Ford  
ALL10150.....SB Mopar

**Heavy Duty Cradles**  
ALL10132.....SB and BB Chevy  
ALL10148.....SB Ford  
ALL10152.....SB Mopar

\*This is a new 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.





### Cradle Wheel Kits

Hard rubber wheel kits may be mounted to Allstar engine cradles ALL10130 thru ALL10156. 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.....	Std. Duty 3" Dia. Kit
ALL10163.....	Std. 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



### 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



### 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 ideal for degreasing cams, checking crank 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



## Tools & Accessories

### Smart Tool ALL10113

Ensure that tubing is level and plumb. Check driveshaft angles, and use for trailing arms and suspension with ALL10740 Smart Level Tray. "Hold" button freezes and unfreezes readings, shown in degrees, percentages, or in./ft. Plus and minus signs indicate pitch is more or less than shown. Pitch reads in 1/8 in./ft. steps. Listen and level emits an audible "beep". The tool shuts off automatically after six minutes. Powered by a standard 9 volt battery.



### Smart Tool Level Tray ALL10740

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



### Digital Level 2x2 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".



**NEW!**

### Digital Level ALL10744 **NEW!**

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".



### Round 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.





### 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 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.

### 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



## Tools & Accessories

### T-Handle Allen Wrenches **NEW!**

T-Handle Allen Wrench 1/8". Direct replacements for the wrenches included with Allstar's valve lash tools and many other uses. Molded plastic handle provides easy control when installing and removing fasteners.

Part No.	Description
ALL96406.....	T-Handle Allen Wrench 1/8"
ALL96407.....	T-Handle Allen Wrench 5/32"
ALL96408.....	T-Handle Allen Wrench 3/16"
ALL96409.....	T-Handle Allen Wrench 7/32"



### 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



### Cam Bearing Installation Tool **ALL96470**



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

### Power Ring Filer **ALL96500**

Speeds up normally time-consuming task of piston ring filing. Portable ring filer uses a 12 volt rechargeable NiCad battery pack and cuts piston rings to the desired gap. When fully charged, filer may be used for up to eight hours. Sold with three grinding wheels, a ring de-burring file, tool kit, recharger and carrying case.

#### Replacement Parts

Part No.	Description
ALL96501.....	60 Grit Grinding Wheel
ALL96502.....	Ring De-burring File
ALL96503.....	Replacement Battery Pack







### “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.

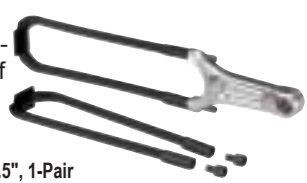
Part No.	Description
ALL96450.....	“Lockbuster” With .927” Head
ALL96451.....	“Lockbuster” With .990” Head
ALL96455.....	“Lockbuster” Spiral Locks, .927” x .042”, 4-Pack
ALL96456.....	“Lockbuster” Spiral Locks, .990” x .042”, 4-Pack
ALL96457.....	“Lockbuster” Spiral Locks, .927” x .042”, 32-Pack
ALL96458.....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



### Rod 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.

### Internal Thread Chaser

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.

Part No.	Description
ALL96434.....	14mm
ALL96438.....	18mm



### 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.



## Tools & Accessories

### 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



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





### Funnels

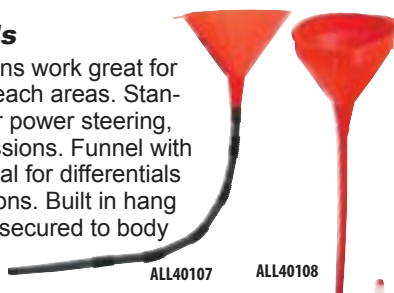


Heavy duty plastic funnels are perfect for topping off fuel or other liquids. Available in several sizes.

- 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, Sold In Pairs (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

### Plastic Drum Pump ALL40114

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



### 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.



Jared Zimbardi

Photos By: Jay Fish

### Tools & Accessories

#### 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. four-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"

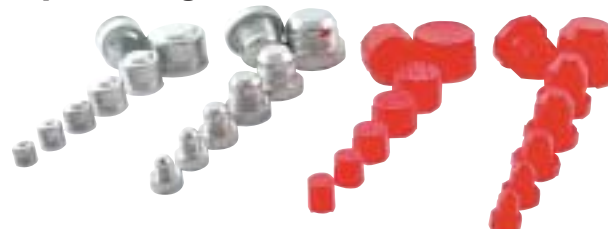


#### Sprint Fuel Pressure Gauge ALL40330

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.



#### Cap And Plug Kits



Kits include 5 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.

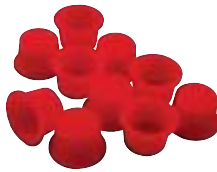


Cap Part No.	Plug Part No.	AN Size	Thread Size	No. Per Pkg.
<b>Plastic Caps And Plugs</b>				
ALL50801	ALL50811	-3	3/8"-24	20
ALL50802	ALL50812	-4	7/16"-20	20
ALL50803	ALL50813	-6	9/16"-18	20
ALL50804	ALL50814	-8	3/4"-16	20
ALL50805	ALL50815	-10	7/8"-14	10
ALL50806	ALL50816	-12	1-1/16"-12	10
ALL50807	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



**Torsion Bar Plug Kit ALL50852**

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



**Twelve Point Steel Wrenches ALL11180**

Steel wrenches have rubber hand grips and are a must for tightening hose ends on fuel pumps, etc.

Part No.	Size
ALL11178.....	-8 <b>NEW</b>
ALL11179.....	-10
ALL11180.....	-12 <b>NEW</b>
ALL11181.....	-16 <b>NEW</b>



**Aluminum Adjustable Wrenches**

Eliminate the guesswork of which wrench is needed to tighten, remove or check steel braided hose fittings. Aluminum wrenches prevent damage to fitting and are available in two sizes: 8" for fittings up to a -10, and 10" for fittings up to -20.

Part No.	Size
ALL11152.....	8"
ALL11153.....	10"



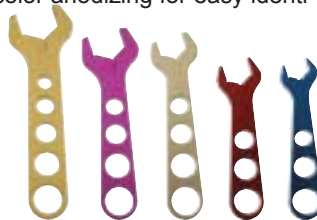
**Aluminum Wrench Set ALL11100**

Five piece, aluminum wrench set for use with aluminum AN-style, braided hose fittings manufactured by Aeroquip, Earl's, etc. Sizes included are -6, -8, -10, -12, and -16. Each wrench is finished in different color anodizing for easy identification. Also sold individually.

**Individual Wrenches**

Part No.	Size	Part No.	Size
ALL11106.....	-6	ALL11112.....	-12
ALL11108.....	-8	ALL11116.....	-16
ALL11110.....	-10	ALL11118*.....	-20

\*-20AN wrench not included in set.



**Double-Ended Aluminum Wrench Set ALL11120**

Wrenches make quick work of checking both halves of a fitting when the line is installed on the car. Won't mar fittings like steel wrenches. Also sold individually.



**Individual Double-Ended Wrenches**

Size	Hose Wrenches (Red)		Fitting Wrenches (Blue)	
	Part No.	Part No.	Part No.	Part No.
-4, -6	ALL11124	ALL11124	ALL11126	ALL11126
-8, -10	ALL11128	ALL11128	ALL11130	ALL11130
-12, -16	ALL11132	ALL11132	ALL11134	ALL11134

**Tool Tray ALL14170**

Tool tray measures 12" x 18" x 3", with hooks on one side to fasten to racecar nose or sprint/midget front wing and 6" stands on the opposite side so tray will sit level. Tray has 16 holes for spark plug and nozzle holder use.



**Tools & Accessories**

**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 51" 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".



**NEW!**

**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 ALL10568**

Bracket bolts to electric tire prep stand ALL10565.



**Grooving Iron Holder ALL10569**

Bracket bolts to electric tire prep stand ALL10565 and holds 2 Ideal style grooving irons.



### 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

#### Related Component

ALL44184.....Filter For ALL44185 Tire Sander **NEW**



ALL44184

### Tire Grinding Discs

Grind off the hardened outer "skin" on used dirt track tires and create round, aggressive sipes to increase traction.

Part No.	Description
ALL44181.....	Flat Grinding Disc, 23 Grit, 4" Dia., 5/8" Hole
ALL44180.....	4" Dia., 23 Grit, 5/8" Hole
ALL44182.....	7" Dia., 16 Grit, 7/8" Hole
ALL44183.....	Nail Head Grinding Disc, 7" Dia., 5/8" 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 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 Parts</b>			
ALL99105	Head Assembly		
ALL99106	Front Pads With Screws, 3-Pair		
ALL99107	Rear Pads With Screws, 3-Pack		
ALL99104	Tension Lever Kit		

### 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 Parts

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



## Tools & Accessories

### Tire Sipers

Get more sipes per swipe! New 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



ALL10265

### 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 Blade

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 4-blade siping tool. Blades for siping sold separately.

Part No.	Description
ALL10545.....	#3 Siping Head
ALL10546.....	#4 Siping Head

#### Related Components

IHKBL03.....	#3 Blades, 12-Pack
IHKBL04.....	#4 Blades, 12-Pack



ALL10545

With Blades

### 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.

Part No.	Description
ALL10105.....	Standard
ALL10106.....	Wide Jaw



ALL10105



ALL10106

### Tire Spoons



ALL10103

ALL10104

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

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

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





### Air Hose Reels

Air hose reels are spring loaded for automatic rewind. A locking ratchet holds hose at the desired length. Adjustable guide arm can be angled to compensate for the mount location. Mounting base has two 1/2" wide slots and two 1/2" drilled holes for easy mounting to a suitable flat surface such as floor, ceiling, or wall. 3/8" hose with 1/4" NPT end is included. ALL10520 weight is 19.5 lbs, ALL10521 is 41 lbs.

Part No.	Description
ALL10520.....	Air Hose Reel 25Ft.
ALL10521.....	Air Hose Reel 50Ft.
ALL10525.....	Installation Kit for Air Hose Reel



### Air Hose **NEW!**

3/8" rubber hose with durable outer coating is weather, oil and solvent resistant. Maximum operating pressure 200 PSI, burst pressure 800 PSI. Solid brass 1/4" NPT end fittings.

Part No.	Description
ALL10526.....	Air Hose 25' x 3/8"
ALL10527.....	Air Hose 50' x 3/8"



### Aluminum Pit Jack

Lightweight, 3,000 lb. capacity floor jack has a low profile to roll under the lowest slung 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 areas.

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

#### Replacement Parts

ALL10427.....	Jack Seal Kit
ALL99046.....	Caster



2-Piece Handle With Spring Detent

Notched Spring Cup With Removable Rubber Insert



### Dirt Wing For Pit Jack **ALL10426**

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

### Jack Handle **ALL99132** **NEW!**

Jack Handle For ALL10422 And ALL10425 Pit Jack.

### 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.



## Tools & Accessories

### 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.

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

### 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



### Moose 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". Sold in pairs.

Part No.	Description
ALL10720.....	Short
ALL10721.....	Tall



### Ride Height Block Adapters **ALL10722** **NEW!**

Moose Block Adapter Cups replace the standard flat pad on Moose style set up blocks and are machined to cradle axle tubes during chassis set-up. Package of two.



### 16 Ft. Tape Measure **ALL10675**

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

### Tape Measures

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

Part No.	Description
ALL10111.....	Economy
ALL10112.....	Deluxe
ALL10112-20.....	Deluxe Tire Tape, 20 Pack





## Tools & Accessories

### 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 Decal ALL99044



### Quick Change Oil Plug Wrenches

Double-ended, blue anodized aluminum quick change oil plug wrenches are handy for checking fill plugs on center sections and inspection plugs on side bells. Wrenches are offered in two variations for popular Winters quick changes.

Part No. Description  
ALL11140.....1-3/8" And 1-7/8"  
ALL11141.....1" And 1-3/8"



### Drain Pan ALL40112

Round drain pan has molded-in handles and pour spout. 13-1/2" x 11" x 4", 7 quart capacity.



### Quick-Change Drain Pan ALL14166

Aluminum drain pan is handy when changing quick-change gears. Built-in perforated shelf holds gears and allows lube to drain into pan. Pan is 10-1/4" wide, 12" long and 3-3/4" deep.



### Drain Pan With Pump ALL14171

Molded plastic basin and lid slide together to prevent spilling of fluid. A crank handle is included for manual operation. A length of straight hex shaft is also included for use with an electric drill. 16" square x 7" tall.



### Gear Tote Box ALL14164

Neat plastic quick change gear tote box organizes extra gear sets and keeps them clean.



### Van May Quick Fix Tool ALL10237

Resurface quick-change rear end snout with the rear end still in the car using the quick fix tool, developed by sprint car owner/driver Van May. Set up tool on output shaft and rotate cutter to produce a surface 90° to the shaft. Instructions included.



### Shim Kit ALL10238

For ALL10237, contains one each, .012", .016", .025" thickness shims.



## Body & Chassis Accessories

### Steel Tubing

Over 8 Foot Shipped Via Truck Freight

Sold only in pre-cut lengths (4, 8, 12, or 17 ft.). We stock an assortment of round, square and rectangular chrome moly and mild steel tubing. Wall thicknesses may vary, so always check before cutting or welding, especially if the car is to be certified.



Description	4' Length Part No.	8' Length Part No.	12' Length Part No.	17' Length Part No.
<b>Round Chrome Moly (4130)</b>				
1/4" x .035"	ALL22000-4	ALL22000-8	ALL22000-12	ALL22000-17
3/8" x .058"	ALL22005-4	ALL22005-8	ALL22005-12	ALL22005-17
1/2" x .049"	ALL22010-4	ALL22010-8	ALL22010-12	ALL22010-17
1/2" x .058"	ALL22012-4	ALL22012-8	ALL22012-12	ALL22012-17
5/8" x .058"	ALL22017-4	ALL22017-8	ALL22017-12	ALL22017-17
3/4" x .049"	ALL22020-4	ALL22020-8	ALL22020-12	ALL22020-17
3/4" x .058"	ALL22022-4	ALL22022-8	ALL22022-12	ALL22022-17
3/4" x .095"	ALL22024-4	ALL22024-8	ALL22024-12	ALL22024-17
3/4" x .120"	ALL22026-4	ALL22026-8	ALL22026-12	ALL22026-17
3/4" x .156"	ALL22028-4	ALL22028-8	ALL22028-12	ALL22028-17
7/8" x .058"	ALL22030-4	ALL22030-8	ALL22030-12	ALL22030-17
7/8" x .095"	ALL22032-4	ALL22032-8	ALL22032-12	ALL22032-17
1" x .049"	ALL22040-4	ALL22040-8	ALL22040-12	ALL22040-17
1" x .058"	ALL22042-4	ALL22042-8	ALL22042-12	ALL22042-17
1" x .065"	ALL22044-4	ALL22044-8	ALL22044-12	ALL22044-17
1" x .095"	ALL22046-4	ALL22046-8	ALL22046-12	ALL22046-17
1-1/8" x .058"	ALL22050-4	ALL22050-8	ALL22050-12	ALL22050-17
1-1/4" x .058"	ALL22060-4	ALL22060-8	ALL22060-12	ALL22060-17
1-1/4" x .065"	ALL22062-4	ALL22062-8	ALL22062-12	ALL22062-17
1-1/4" x .095"	ALL22063-4	ALL22063-8	ALL22063-12	ALL22063-17
1-1/4" x .120"	ALL22064-4	ALL22064-8	ALL22064-12	ALL22064-17
1-3/8" x .058"	ALL22070-4	ALL22070-8	ALL22070-12	ALL22070-17
1-3/8" x .095"	ALL22072-4	ALL22072-8	ALL22072-12	ALL22072-17
1-1/2" x .065"	ALL22082-4	ALL22082-8	ALL22082-12	ALL22082-17
1-1/2" x .095"	ALL22086-4	ALL22086-8	ALL22086-12	ALL22086-17
1-5/8" x .083"	ALL22090-4	ALL22090-8	ALL22090-12	ALL22090-17
2-1/4" x .120" x 5' Round ALL22095-5				
<b>Round Mild Steel (1018)</b>				
1/2" x .065"	ALL22120-4	ALL22120-8	ALL22120-12	ALL22120-20
3/4" x .065"	ALL22124-4	ALL22124-8	ALL22124-12	ALL22124-20
1" x .065"	ALL22128-4	ALL22128-8	ALL22128-12	ALL22128-20
1-1/4" x .083"	ALL22132-4	ALL22132-8	ALL22132-12	ALL22132-20
1-1/2" x .083"	ALL22133-4	ALL22133-8	ALL22133-12	ALL22133-20
1-1/4" x .120"	ALL22134-4	ALL22134-8	ALL22134-12	ALL22134-20
1-1/2" x .095"	ALL22135-4	ALL22135-8	ALL22135-12	ALL22135-20
1-1/2" x .065"	ALL22136-4	ALL22136-8	ALL22136-12	ALL22136-20
1-1/2" x .120"	ALL22137-4	ALL22137-8	ALL22137-12	ALL22137-20
1-1/2" x .095"	ALL22138-4	ALL22138-8	ALL22138-12	ALL22138-20
1-5/8" x .120"	ALL22139-4	ALL22139-8	ALL22139-12	ALL22139-20
1-5/8" x .120"	ALL22140-4	ALL22140-8	ALL22140-12	ALL22140-20
1-3/4" x .065"	ALL22144-4	ALL22144-8	ALL22144-12	ALL22144-20
1-3/4" x .095"	ALL22145-4	ALL22145-8	ALL22145-12	ALL22145-20
1-3/4" x .095"	ALL22146-4	ALL22146-8	ALL22146-12	ALL22146-20
1-3/4" x .120"	ALL22147-4	ALL22147-8	ALL22147-12	ALL22147-20
<b>Square Mild Steel (1018)</b>				
1/2" x .065"	ALL22160-4	ALL22160-8	ALL22160-12	ALL22160-20
3/4" x .065"	ALL22164-4	ALL22164-8	ALL22164-12	ALL22164-20
1" x .083"	ALL22169-4	ALL22169-8	ALL22169-12	ALL22169-20
1-1/2" x .083"	ALL22175-4	ALL22175-8	ALL22175-12	ALL22175-20
2" x .083"	ALL22182-4	ALL22182-8	ALL22182-12	ALL22182-20
<b>Rectangular Mild Steel (1018)</b>				
1" x 2" x .120"	ALL22183-4	ALL22183-8	ALL22183-12	ALL22183-20
2" x 3" x .083"	ALL22184-4	ALL22184-8	ALL22184-12	ALL22184-20

\*Tubing is Drawn Over Mandrel (D.O.M.) and has a tighter wall thickness



### Aluminum 1" x 1" Square Tubing

Square Tubing is 6061-T6 grade alloy with .125" wall thickness and sold in pre-cut lengths of 4', 8', 12' and 20'. Ideal for fabricating rub rails or building shop, trailer or pit equipment like ladders, pit carts and tire racks.



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4' Length Part No.	8' Length Part No.	12' Length Part No.	20' Length Part No.
ALL22257-4	ALL22257-8	ALL22257-12	ALL22257-20

### Aluminum Flat And Angled Stock

Aluminum stock is ideal for fabricating mounting brackets, etc. Flat stock is 6061-T6, the angled aluminum is 6063-T5.



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Description	4' Length Part No.	8' Length Part No.	12' Length Part No.	16' Length Part No.
<b>Flat Stock 1" Wide</b>				
1/8" Thick	ALL22250-4	ALL22250-8	ALL22250-12	--
3/16" Thick	ALL22251-4	ALL22251-8	ALL22251-12	--
<b>Angled Stock 1" x 1"</b>				
1/16" Thick	ALL22253-4	ALL22253-8	--	ALL22253-16
1/8" Thick	ALL22254-4	ALL22254-8	--	ALL22254-16
3/16" Thick	ALL22255-4	ALL22255-8	--	ALL22255-16

### Steel End Caps



Cap off frame, bumpers or any tubing member. Steel caps are sold in packs of ten.

Part No.	Description	Part No.	Description
<b>Round End Caps</b>		<b>Square End Caps</b>	
ALL22280.....	7/8" O.D.	ALL22290.....	1" x 1"
ALL22281.....	1-1/4" O.D.	ALL22292.....	2" x 2"
ALL22282.....	1-1/2" O.D.	ALL22294.....	2" x 3"
ALL22283.....	1-5/8" O.D.		
ALL22284.....	1-3/4" O.D.		



### Chassis Brackets

Save time during car construction with a full selection of mild steel chassis brackets.

Part No.	Description	Qty Per Pack
ALL60000	.187" Chassis Tab, 2.750" Ht., No Hole	4
ALL60001	.187" Chassis Tab 2.750" Ht., .375" Hole	4
ALL60002	.187" Chassis Tab, 2.750" Ht., .500" Hole	4
ALL60006	.187" Universal Flat Tab, 1.825" Ht., .500" Hole	4
ALL60007	.250" Universal Flat Tab, 2.000" Ht., .375" Hole	4
ALL60008	.250" Universal Flat Tab, 2.000" Ht., .500" Hole	4
ALL60009	.125" Universal Flat Tab, 1.500" Ht., .250" Hole	4
ALL60010	.125" Radius Tab, 1.500" Ht., .250" Hole, 1.250" Radius	4
ALL60011	.125" Radius Tab, 1.500" Ht., .375" Hole, 1.250" Radius	4
ALL60016	.125" Gusset Tab, 2.050" Ht., .375" Hole, 1.500" Radius	4
ALL60018	.187" Seat Tab, 2.375" Long, .500" Hole	4
ALL60019	.250" Seat Tab, 2.375" Long, .500" Hole	4
ALL60020	16 Gauge Window Frame Tab, 1" x 1" Steel	10
ALL60021	16 Gauge Window Frame Tab, .750" x .750" Steel	10
ALL60022	.125" Bumper Tab, 1.250" Long, .250" Hole, .937" Flat To Center Of Hole	4
ALL60023	.187" Rub Rail Flange, 1.250" Dia. Hole, .375" Small Holes, 2.250" Between Center Of Holes	4
ALL60024	.085" Bell Crank Tab, 1.550" Ht., .375" Hole	4
ALL60029	Brake Line Adapter Tab (Bolt-On)	2
ALL60030	Brake Line Adapter Tab (Weld-On) 1.250" Ht., .650" Hole	4
ALL60031	Double Shear Seat Belt Bracket	1
ALL98120	Seat Belt Mount Backing Plates	2

### Body & Chassis Accessories

#### Sprint Drag Link Tether ALL10252

Keeps drag link tethered to the chassis if it becomes disconnected. Tethering of drag link is required by most sanctioning bodies. 24" long x 1" wide, woven nylon.



#### Roll Bar Padding

Closed-cell foam does not absorb moisture, but progressively absorbs shock (gets more dense as it is compressed). Offset inside diameter allows easy installation, with thicker padding toward driver. Available in 3 foot lengths.

Part No.	Description
ALL14100.....	Black
ALL14101.....	Red
ALL14102.....	Blue
ALL14103.....	Orange
ALL14104.....	Yellow
ALL14105.....	Gray
ALL14106.....	Purple



#### SFI Mini Roll Bar Padding ALL14112

Mini roll bar padding is ideal for tight areas in a race car when standard padding is too large. Unique, compact design provides driver protection to a specific area. Peel and stick backing for easy installation on 1-1/4" to 1-3/4" tubing. Meets SFI 45.1 specifications. Sold in 3 foot lengths, black only.



#### SFI Roll Bar Padding

Provides 180 degree coverage where space concerns are not a problem. Peel and stick backing for easy installation. Meets SFI 45.1 specifications. Choose from two sizes, each 3 feet long, black only.



Part No.	Description
ALL14110.....	1-1/8" To 1-1/2" O.D. Tubing
ALL14111.....	1-5/8" To 2" O.D. Tubing



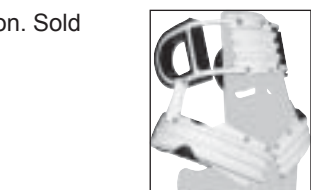
#### Aluminum Knee Guard ALL10250

Knee guard helps keep legs in place, especially in a crash. Universal design fits most sprint cars.



#### Safer Seat System

Bolt-on kit provides added support, comfort and enhanced safety around the head and shoulder area. System bolts to existing seat and is available with short or long right side head supports. Short version commonly used in dirt applications for easier tearoff removal and better vision. Sold unassembled as shown.



Part No.	Description
ALL98150.....	Short RH
ALL98152.....	Long RH

ALL98150 Detail



### 4' x 8' Plastic Sheets



HDPE sheet plastic is 4' x 8' and available in two thicknesses, .070" and .100". The .070" thick sheets are the same thickness as our rolled plastic and available in black and white. The .100" thick sheets are available in many of the same colors as our rolled plastic.

Part No.	Description
ALL22246	.....0.070", White
ALL22248	.....0.070", Black
ALL22460	.....0.100", White
ALL22461	.....0.100", Black
ALL22462	.....0.100", Red
ALL22463	.....0.100", Pepsi Blue (Light)
ALL22464	.....0.100", Chevron Blue (Med.)
ALL22465	.....0.100", Orange
ALL22466	.....0.100", Yellow

### Aluminum

Aluminum sheets are 4 ft. x 10 ft., .040" thick, and available in most popular colors.

Part No.	Description
ALL22200	..... Plain
ALL22201	..... Chrome (Bright Clear)
ALL22202	..... White
ALL22203	..... Xtreme Red
ALL22204	..... Red
ALL22209	..... Red On Red
ALL22205	..... Bright Gold
ALL22206	..... Gloss Black
ALL22207	..... Black On Black Gloss
ALL22208	..... Flat Black
ALL22219	..... Black On Black Flat
ALL22210	..... Shell Gray (Med.)
ALL22211	..... Xtreme Green
ALL22212	..... Pepsi Blue (Light)
ALL22213	..... Chevron Blue (Med.)
ALL22214	..... Heron Blue (Dark)
ALL22215	..... Orange
ALL22216	..... Yellow
ALL22217	..... Xtreme Purple
ALL22218	..... Maroon



**Aluminum And Diamond Plate Shipped Freight Truck, Six Sheet Minimum and Surcharge For A Shipping Pallet.**

### Diamond Plate Aluminum ALL22240

4' x 8' sheets are .063" thick and provide an attractive, shiny, non-slip finish for trailer floors, steps, etc.



Shane Stewart



Photos By: John Berglund

### Body & Chassis Accessories

#### Air Rivet Gun ALL18207

Heavy duty air rivet gun can be used with steel or aluminum rivets from 3/32" to 3/16".



#### 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.



#### Rivet Gun For Cordless Drill ALL18205

An adapter for cordless drills, the rivet gun speeds up installation of "blind" rivets. A real hand and time saver. Includes nosepieces for 3/32", 1/8", 5/32" and 3/16" rivets.



#### 3/16" Double Ended Drill Bits ALL18204

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



#### 13/64" Drill Bits 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". Sold as a 2-pack.



#### Ludwig Clamps ALL18232

Use clamps to secure dash access panels, deck lids and other items. Sold in packs of four.



#### Quick Turn Wrench ALL19400

Fits slot head fasteners and reduces the risk of body or fastener damage.

