



2018

BETTER BY DESIGN
LOOK CLOSELY, THERE IS A DIFFERENCE



THE CHOICE OF PROFESSIONALS



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GET AHEAD OF THE PACK

HOME ABOUT US DEALER LOCATOR TECH LIBRARY CATALOG REQUEST HELP DEALER LOGIN CONTACT CART

PRODUCTS

COMPUTER SCALES

- SCALE LEVELING & ACC
- CASTER/CAMBER GAUGES
- CHASSIS SETUP EQUIPMENT
- ALIGNMENT TOOLS
- TIRE PRESSURE GAUGES
- PIVOMETERS
- DUROMETERS & TREAD DEPTH
- GAUGE / TACH PANELS
- GAUGES & TACHS
- GAGELITES™ / SENDERS & ACC
- SWITCH PANELS
- SWITCHES & ELECTRICAL
- PIT EQUIP. SPECIALTY TOOLS
- BOLT-ON PARTS & HERRONS
- TIMING PRODUCTS
- STEERING WHEELS & HUBS
- ROLL BAR PADDING
- ENGINE TUNING TOOLS
- BRAKE PARTS
- CAR COVERS
- INSULATION PRODUCTS
- MISC PARTS & TOOLS
- LONGACRE GEAR & GIFTS
- NEW PRODUCTS
- REBCO

Version 1.20 Is Here

NOW WITH NOTE-TAKING SCREEN AND 2 NEW SKINS!



LEARN MORE



Select your category. No matter which way you roll, we've got what you need.



FIND A DEALER



LOCATE ONE NOW

VIDEOS



WATCH IT IN ACTION

TECH LIBRARY



LEARN MORE NOW

Time-tested, innovative racing products - since 1978

Longacre is an established brand name in the racing industry and is recognized for dedication to quality, innovation and customer satisfaction. Check out our comprehensive line of race scales, alignment tools, racing gauges and other products. Whether you are into stock, modified, drag, go kart, off road, sprint or RC car racing, we'll provide you with the quality racing parts you deserve.

Get First Hand news about new products, tech info

Full Name

Email Address

SUBSCRIBE TODAY



Tablet Scales

Maximize connectivity and enhanced features on a tablet, the future of racing scales is here.



Faster-Camber

Go with a digital version for incredible accuracy. Select from a choice of gauges that react to one touch of a screen.



Gauge Panels

Check out our stunning AccuTech™ line of gauges, tach, meters, and beautifully backlit.



Switch Panels

Modern aluminum switch panels with built-in Bosch style flip-up and weatherproof switch covers.



Tire Gauges

Longacre has an extensive collection of digital, analog and liquid-filled gauges.



Tire Pyrometers

Access, store up to ten complete sets of tire temps with our deluxe digital pyrometer reader.



Steering Wheels

We've got aluminum or steel, smooth, big grip, bump grip, rimmed, drilled and more tools.



Bump Steer

Our design gauge with precision billet plate and rugged steel indication.



Online Catalog

- Everything you need to know about Longacre® products: photos, detailed product descriptions, instructions and tech tips.

Tech Library

- Helpful tech information on a variety of racing topics.

Find A Dealer

- Need help finding a Longacre® part? Use our Online Dealer Locator to find a distributor near you.

HOT NEWS

P R O D U C T S

10" Tablet With Side-By-Side Notes



See pgs
8-13

NOTE-TAKING SCREEN
ON A 7" TABLET

- 10" tablet scale system with new app.
- Note-taking feature, side-by-side with weights and percentages.

10" from complete system (including Tablet).



7" from complete system (including Tablet).



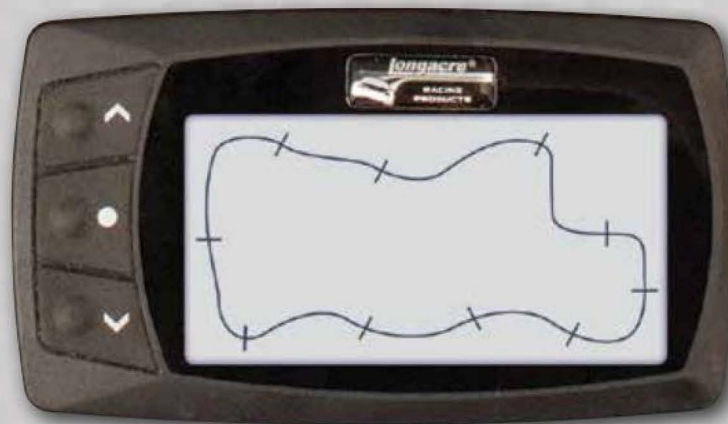
HOT LAP[®] GPS

GPS Triggered In-Car Timer

- PLUS track mapping. • Divide the track into segments.
- See where you are fast and where you are losing time. • Compare laps.

#52-21730

See
pg 67



Recall
segment
times in pits
and compare
laps.

HOT NEWS

P R O D U C T S

COMPUTERSCALES® dx2™



See
pg 12



Semi Pro Wired Hybrid™ Model

- Large high resolution 6" x 3.75" backlit color display.
- Easily customizable.
- Note-taking and 10 set named memory stores weights and percentages.

#52-72613 with Silver case \$1,299.00

COMPUTERSCALES® dx3™



See
pg 13



High Contrast Display for bright sunlight. Switch back and forth easily.

Pro Wired Hybrid™ Model

- Huge high resolution 7.75" x 5.75" backlit color display.
- Easily customizable.
- Note-taking and 50 set named memory stores weights and percentages.
- Includes high contrast display for bright sunlight.

#52-72617
15" x 15" x 2-1/2" 1500 lbs. pads \$1,299.00

#52-72653
15" x 15" x 2-1/2" low deflection DUAL cell pads \$1,299.00

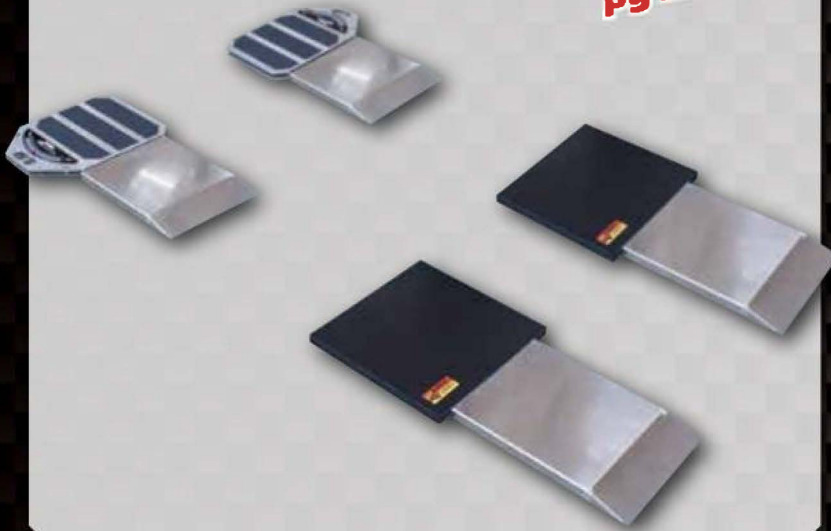
HOT NEW PRODUCTS

Turn Plate Ramps With Spacers

- Drive onto your turn plates and avoid camber bind.
- 4 ramps and 2 spacers.

#52-79753 set of 4.....
(Turnplates not included.)

See
pg 27



NEW Compact Radio Box

- Lightweight.
- Built for new smaller radios.

#52-22560
1-3/4" bar

#52-22562
1-1/2" bar



See
pg 70

High Capacity Wireless Low Profile Pads

See
pg 17

- 3,000 lbs.
- 15"x 15"x 2.5" pads.
- Wireless 10" tablet included.
 - lb. or kgm.
- Shows 4 individual wheel weights plus all partial percentages.
- App available to use phone for controller.

#52-72675
Wireless

Hybrid Wireless
(not shown)

#52-72673
(Cables still connected to pads.)

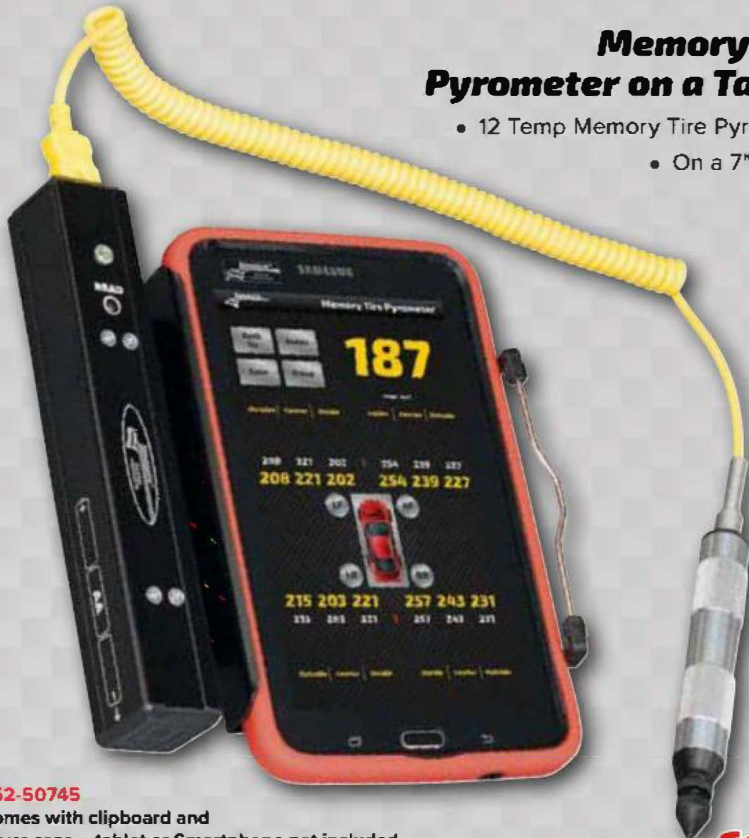


HOT NEWS

PRODUCTS

Memory Tire Pyrometer on a Tablet

- 12 Temp Memory Tire Pyrometer.
- On a 7" Tablet.



#52-50745

Comes with clipboard and Silver case – tablet or Smartphone not included.

#52-50650 Including 7" high resolution color tablet.

See pg 47

Pull Bar Tester Adapter

- Pull bar testing attachment.
- For our Bump Stop Spring Testers.

#52-73498



See pg 19

Pyrometer And Clipboard

- Single display style.

#52-50642



See pg 47



Barrel Valve Setting Tool

- #6 AN fitting.
- Dual gauges for accuracy.

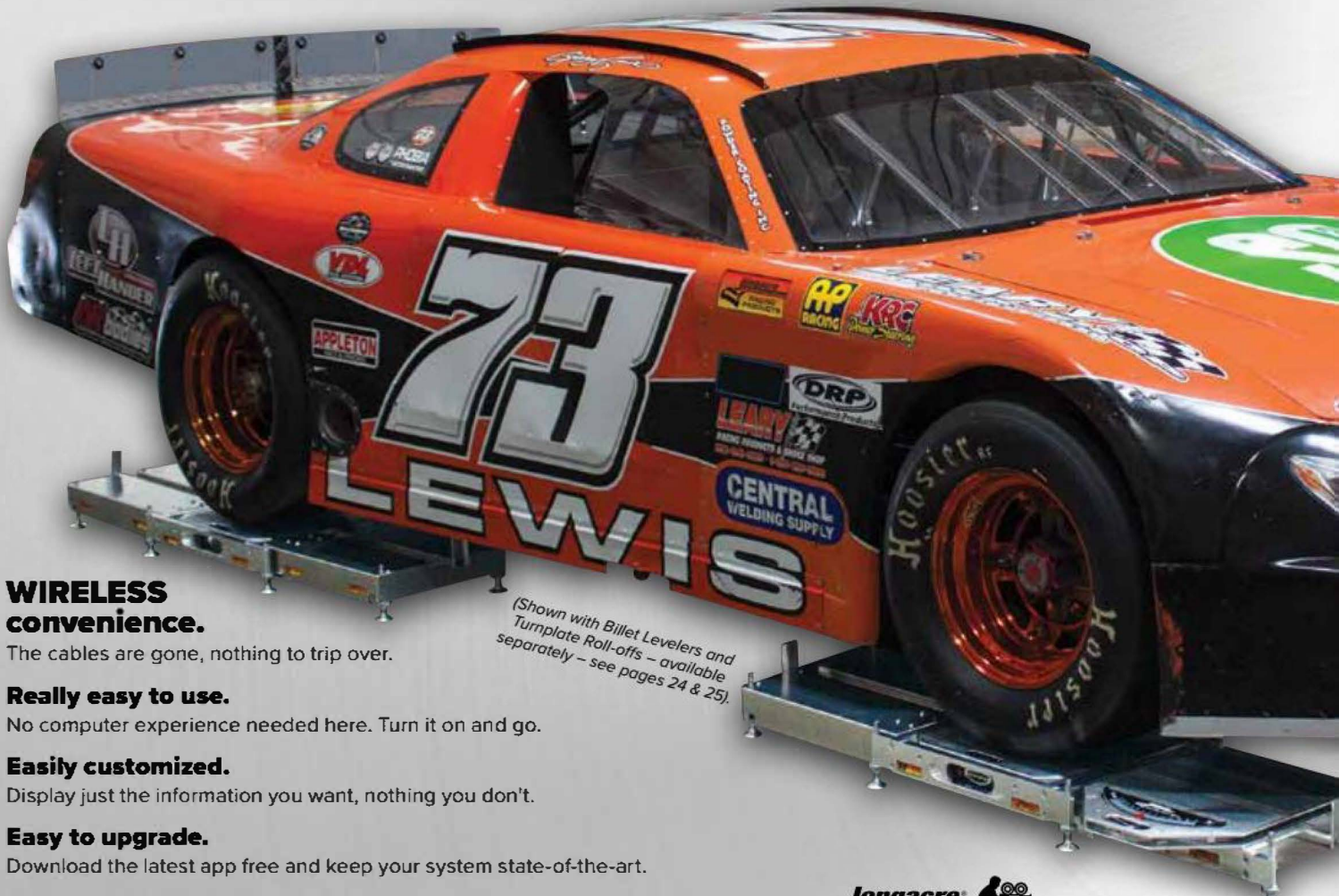
#52-73016

#52-73017 Hose only with #6 AN fitting..



See pg 61

Accurate



WIRELESS convenience.

The cables are gone, nothing to trip over.

Really easy to use.

No computer experience needed here. Turn it on and go.

Easily customized.

Display just the information you want, nothing you don't.

Easy to upgrade.

Download the latest app free and keep your system state-of-the-art.

New feature.

New app with **Notes Screen** shown together with weights and partials – side-by-side. See everything at the same time. (On 10" tablet only.) (See page 11 for details.)

(Shown with Billet Levelers and Turnplate Roll-offs – available separately – see pages 24 & 25).



15" x 15" x 2-1/2" SINGLE Cell Pads (1500 lbs.)

#52-72715, 7" TABLET incl.

#52-72717, 10" TABLET incl.

#52-72718 less TABLET

Use your Android™ Tablet or Smartphone.

Android™ is a trademark of Google Inc.

15" x 15" x 2-1/2" DUAL Cell Pads (1500 lbs.)

#52-72726, 7" TABLET incl.

#52-72728, 10" TABLET incl.

#52-72729 less TABLET

Use your Android™ Tablet or Smartphone.

12" x 12" x 2-1/2" SINGLE Cell Pads

#52-72691, 1100 lbs.*

#52-72630, 400 lbs.*

Kart, quarter midget, legends, bandeleros, etc. *7" Tablet included with both.

Everything you need is included:

Complete systems include a tablet (7" or 10") with protective enclosure and Silver case, screen saver and stylus, universal charger and USB cable, and 4 – 15" or 12" pads with wireless modules built in.



10" Tablet



7" Tablet

Setups

Now Made Really Easy.

New **COMPUTERSCALES® XLi** on a **7" or 10" Color Tablet**

(And we even include the tablet!)



Full color, high resolution display.
All set up, ready to use right out of the box.

(See tech specs on pages 10 and 11.)



Approved for use Worldwide.



SCALES & ACCESSORIES

'Free' spare controller?

Install the app on your Android™ Smartphone. It's easy to switch back and forth between your tablet and phone if needed. You may even like using the phone as your regular controller.

You can even use your Android™ Smartphone.

(Phone not included.)



Call for details.

Tablet Scale System Warranty

Scale pads are warranted for 2 years from the date of retail sale and tablets for 1 year. Other manufactures start their warranty when product is shipped from the factory.

Cool New Features Of Our Tablet Scales



Current weights and Memory weights.

are shown at the same time for easy comparison. Makes hitting your target setup simple and hassle free.

For the car icon on the display you can select any of the below car options.



Stock Car



Modified



Indy/F1



Kart



Custom - Your Car

This can be your car.

You can even have a picture of YOUR car as the icon to personalize your system.

Other Exclusive Tablet Scale Features

- An easy-to-use Setup Page lets you customize the partial percentage display if you wish. (Change to Metric readout here if needed.)
- Battery condition for pads and tablet is shown on the display.
- There is a special high contrast screen for very bright sunlight conditions.
- 7" tablet and Smartphone automatically work in both horizontal ('landscape') and vertical ('portrait') orientation.
- Recharger for tablet is included. Pads use replaceable AA Alkaline batteries.

Car icon and all weights can be rotated on the display for easiest viewing from any position around the car. Just tap the button above the car. Wheel weights 'follow' rotation.

Best when standing behind the car.



Best when standing on the right side of the car.



Best when standing on the left side of the car.



Best when standing in front of the car.



Durable Too

The tablet has a protective enclosure that helps prevent damage, a silver case, and a screen saver to protect the display.



Compare Our Pads To Others

Other 'billet' pads



1/2" thick flat plate

Longacre® pads



1.1" tall reinforcing ribs



Our pads use elaborate computer-designed reinforcing ribs to add rigidity that's not available with simple flat plate style 'billet' pads. The more rigid your pad are the lower the deflection and the more accurate your setup.

Longacre®
Dual Cell Pads



For the lowest deflection

Longacre® Dual Load Cell pads give you the lowest deflection. The design allows the dispersal of stress over a much larger area of the pad to minimize platform deflection. You get the least deflection and the most accurate and consistent setups possible.

Scale System App.

Note-taking right on the tablet, linked to the Memory number. Keep a permanent record of the changes you've made and the results you got. Type notes with the on-screen keyboard or take them by voice. You can add to, edit, or delete as needed. Recall anytime. Virtually unlimited space is available. Scroll as needed for more. This new app. can be downloaded to your current tablet scales at no cost. Just go to our website or the Google Play™ Store. Google Play™ is a trademark of Google Inc.

2 New Background Graphics ('Skins')



Standard Red Skin



Industrial Black Skin



Bright Sunlight Skin

- Customize your app background with different skins. Pick the one you prefer – they are easily switched.
- Sharp new graphics. Weights and numbers are crisp and easy to read.
- There's a High Contrast Display for very bright sunlight. It makes the display very readable outdoors.

Note-Taking Screen



10" Tablet With Side-By-Side Notes



- Note-taking right on the tablet, tied to the Memory number.
- Show notes on the screen with the current wheel weights and percentages. See everything at the same time.
- Store race notes and chassis setup data (caster/camber, spring rates, tire pressures, etc.)
- Even store your pre-race check list. Check the jobs off as they're done. Don't miss anything.
- Easily build a customized template for all the info you need, just fill in the blanks.
- Keep a permanent record of the changes made and the results.
- Type notes with on-screen keyboard or by voice.
- Add to, edit, or delete as needed. Recall anytime.
- Virtually unlimited space available. Scroll as needed.
- Download to a PC or e-mail.

SCALES & ACCESSORIES

NEW! COMPUTERSCALES® dx2™



Semi Pro Wired Hybrid™ Model

Use just like traditional wired scales – OR – you can remove the controller tablet and use it wirelessly.
(Cables still connected to pads.)

Large high resolution 6" x 3.75" backlit color display. Many of the features of our fully wireless tablet scales – at a lower price point.

A separate wheel pad circuit board powers the load cells, connected by our new Hi-Flex Poly Silicone cables. The controller tablet mounts on top and is easily disconnected to become semi-wireless if you wish. Leave the controller in the case or remove it and place it where it's convenient. The case can be tucked under the car to keep it out of your way.



See this new scale in use. Go to our website for a link.

- Shows all wheel weights and all partial percentages. Can be easily customized to your preference. Show just what you want, nothing you don't.
- 10 set memory stores weights and percentages, shows on the display at the same time as current weights for quick comparison.
- Controller tablet has rechargeable battery (charger included). Pad board runs 100+ hours on replaceable alkaline batteries. Low battery indication for both.

#52-72613 with Silver case

Compare Our Pads To Others

Other 'billet' pads



½" thick flat plate



Longacre® pads



1.1" tall reinforcing ribs

Our pads use elaborate computer-designed reinforcing ribs to add rigidity that's not available with simple flat plate style 'billet' pads. The more rigid your pad is the more accurate your setup.



Pro Wired Hybrid™ Model

Use just like traditional wired scales – OR – you can remove the controller tablet and use it wirelessly.
(Cables still connected to pads.)

Huge high resolution 7.75" x 5.75" backlit color display. All of the features of our fully wireless tablet scales – in a hybrid wired/wireless system.

A separate circuit board powers the load cells, connected by our new Hi-Flex Poly Silicone cables. The controller tablet mounts on top and is easily disconnected to become a semi-wireless system if you wish. Leave the controller in the case or remove it and place it where it's convenient. The case can be tucked under the car to keep it out of your way.



See this new scale in use. Go to our website for a link.



High Contrast Display for bright sunlight. Switch back and forth easily.

Download weights to a PC or e-mail.



- Shows all wheel weights and all partial percentages. Can be easily customized to your preference. Show just what you want, nothing you don't.
- 50 set memory stores weights and percentages, shows on the display at the same time as current weights for quick comparison.
- A handy note-taking feature lets you keep notes right on the tablet screen, Side-by-Side with the weights and percentages tied to the memory number. Recall them later for reference. Enter notes by typing or voice command. You can also enter complete setup specs – caster/camber, stagger, toe-in, tire pressures, shocks, etc. Store them in an unused memory slot for quick reference.
- Wheel weights and percentages can be rotated on the display to make viewing from anywhere around the car easier.
- Controller tablet has rechargeable battery (charger included). Pad board runs 100+ hours on replaceable alkaline batteries. Low battery indication for both.

#52-72617, 15" x 15" x 2-1/2" 1500 lbs. pads

#52-72653, 15" x 15" x 2-1/2" low deflection DUAL cell pads
 (See page 10 for details on pads.)

Scales For Karting

New **COMPUTERSCALES® XLi** On A 7" Tablet Wireless Convenience

Direct from the 12" pads to the tablet.

Everything you need is included:
Complete systems include a 7" tablet with protective case, screen saver and stylus, Silver case, universal charger and USB cable, and 4 - 12" x 12" pads with wireless modules built in.

- See pages 8 - 11 for tablet details.

#52-72630 400 lbs.

#52-72691 1100 lbs.



12" x 12" pads

Wired Karting Scales

- 4 line display shows all 4 wheels and ALL partial percentages.
- CNC machined dead flat low deflection pads for the best accuracy - 400 lbs. capacity.
- Easy to use - just set them up and turn them on.
- 1/10 percent accuracy. • 2 year limited warranty.
- Silver carrying case and red polysilicone cables.

#52-72624
with 12" CNC pads.



Switches easily



Billet Aluminum Kart Setup Fixture

- Optimum rigidity for accurate setups.
- Lightweight with detachable legs for compact storage.
- Can be used with other size kart pads (call factory)



#52-72961 for 12" CNC kart pads.....



COMPUTERSCALES®

- Display shows all 4 wheel weights plus all percentages.
- 12" x 12" x 1100 lbs. capacity powder coated pads.

Great for IMCA cars, Legends, Dwarf, Mini Cup, Bandeleros, Karts, Road Racing Formula classes, Quads, etc.



#52-72582



To Protect Your 12" Pads

(They have electronics inside) we strongly recommend our optional pad storage box.

#52-72280 12" Pad storage box

#52-72292..... 15" Pad storage box

Basic System With Satin Finished Scale Pads

COMPUTERSCALES® AccuSet II™

Easy to Use – just push a button to get everything you need.
Simple, uncluttered display – just the information you want, nothing you don't.



NEW – Baseline Memory Recall

Store your baseline setup in memory. Then recall it instantly to compare to the current setup. Saves time writing it down – always handy. **This 1 slot memory is really helpful and is super easy to use. No complicated operations here.**

- Shows all 4 wheel weights plus cross weight.
- Push one button for all partial percentages and weights.
- Includes deluxe Silver carrying case for electronics and cables.
- Low profile pads with Satin Finish – flat to within .010" for accurate setups.
- 15" x 15" x 2-1/2", 1500 lbs./pad capacity.
- 2 year limited warranty.

#52-72593

Compare Our Pads To Others.



Our pads use elaborate computer-designed reinforcing ribs to add rigidity that's not available with simple flat plate style 'billet' pads. The more rigid your pad is the more accurate your setup.

SCALES & ACCESSORIES

ALL Partial Percentages.



4 wheel weights plus Cross.



OR



Optional partial percentage display. (Including Front and Right)



Optional wheel weight display. (Including Total)



Push ONE button to get either display – instantly.

Laser Scale Pad Leveler

New model

If you don't level your scale pads your 'accurate setup' goes out the window!

#52-72977.....



This easy-to-use system helps you level each pad, then helps you bring all four at the same height – to closer than .050".

Uses a high-sensitivity machinist leveling vial.
(NOT the hardware store type.)



Easy to use:

First use the level vial to accurately level all four individual scale pads. Next turn the laser on, put it on top of one pad (this is your baseline pad) and point it at another one. Put the measuring tab on this pad and slide it sideways until one of the white dots shows brightest in the laser beam. That dot is marked how much higher or lower it is than the baseline pad. Raise or lower that pad until the dot at **Level** shows brightest. Do the same for the other two pads and you have a precisely leveled surface for the most accurate setups possible.



Rolling Storage Case For Wireless Scales

- Wireless scale pads have electronics and should be protected.
- Store the tablet or display in the top with room for other tools too – tire gauge and pyrometer, stopwatch, etc.

#52-72294..... (for 4 – 15" x 15" low profile pads)



Handy Scale Cart

- Convenient storage at the track or in the shop.
- Cart holds the control box at just the right height.
- Rolls around the shop and pits with ease.
- Pads slide in on a steep angle – easier to get in and out, won't come out in transit.
- Durable powder coated finish.



#52-72304.....
Comes assembled – just bolt on handle & wheels.
(For 4 – 15" x 15" low profile pads.)

Scale Pad Storage Boxes

- Padded lining keeps pads protected.
- Heavy duty aluminum frame with scuff-resistant sides.
- Could also be used for radios or other equipment.

#52-72292.....
(For 4 – 15" x 15" low profile pads.)

#52-72280.....
(For 4 – 12" x 12" pads.)



Rolling Scale Pad Storage Box

(Same as above less top case.)

- Dividers separate pads, can be removed for wide open box
- Carpet lined for pad protection

#52-72295

(For 4 – 15" x 15" low profile pads.)



Gas Can Weigher

- Reads to 1/10 lb., 350 lbs. capacity.
- Weigh gas can during a pit stop to determine fuel used.
- 12" x 12" platform.

#52-72330



Higher Capacity / Pull Down Rig Systems



NEW!



Wireless Low Profile Pads

- 3,000 lbs.
- 15" x 15" x 2.5" pads.
- Wireless 10" tablet included.
- lb. or kgm.
- Shows 4 individual wheel weights plus all partial percentages.
- App available to use phone for controller.

#52-72675

Wireless.....

#52-72673

Hybrid Wireless (not shown).....

(Cables still connected to pads.)

Wired Standard Profile Pads



- 15" x 15" x 4" (5" on #52-72668) tall HD pads.
- AA Battery powered.
- lb. or kgm.
- Control box shows 4 individual wheel weights plus all partial percentages.
- Extra long 24' HD Hi Flex cables with lock ring connectors.

#52-72663

3500 lbs. Powder coated pads.....

#52-72667

3500 lbs. CNC machined pads.....

#52-72668

5000 lbs., 5" tall, 15" x 15" x 5" pads.....



SCALES & ACCESSORIES



Wide Range - 20" Travel Billet Aluminum Coil Spring/Coil-Over Tester

- More range, up to 36" overall.
- 5000 lbs. force by 1 lb. and 20" travel to .001".
- Check coil-over assemblies against the bump stops.
- Rates progressive rate springs throughout their entire range.
- Test complete coil-over assemblies or springs only + 5 and 5-1/2".
- Comes with coil-over mounts (see optional 5 and 5-1/2" cups below.)

#52-73507.....



Billet Aluminum Electronic Coil Spring Tester

- NEW - 0-5000 lbs. by 1 lb.
- Digital travel to .001".
- 6" to 20" tall springs.
- 5" and 5-1/2" coil springs - square and 'pigtail' ends - coil-overs too.

#52-73505.....



220 charger available also.



Hydraulic 'Bump Stop' Spring Rater

- Similar to rater on page 19 but uses a hydraulic jack to compress the spring.
- Includes a spring 'Unloader' attachment to remove and install very soft springs (LF) and 2 collars (1 for each spring).

#52-73501 5000 lbs. capacity by 1 lb.

#52-73502 Optional cups for testing 5 and 5-1/2" OD springs - for flat end or (1) 'pigtail' end.....

#52-73504 Optional wheel kit.....

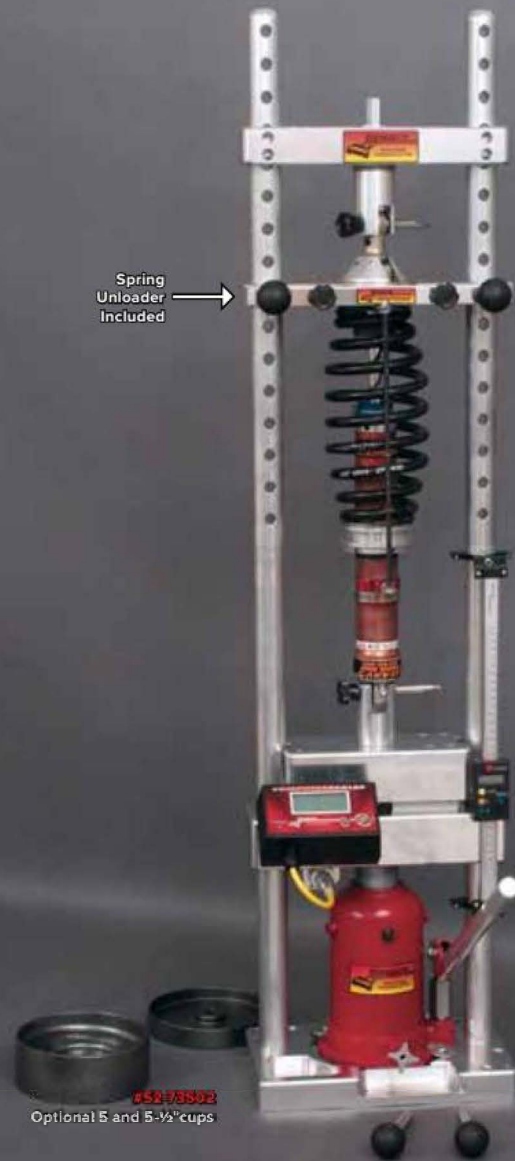


#52-73502
Optional 5 and 5-1/2" cups



#52-73504
Optional wheel stand

Spring Unloader Included



#52-73502
Optional 5 and 5-1/2" cups

NEW 'Bump Stop' Spring Raters

Dual Stage Control Panel for Precise Travel Movement.

Quicker tests. Easier on your arms.

- Rate bump stops, sets preload.
- Change springs and keep ride heights and wheel weights the same.
- Test coil-over assemblies or just the springs.
- Digital force and travel measurements (1 lb. and .001").
- Includes a spring "Unloader" attachment to remove and install very soft springs (LF) and 2 collars (1 for each spring.)
- You have precise control over travel, to .001.

#52-73500
4000 lbs. capacity by 1 lb. – 10" travel by .001"

#52-73509
 Extra shock unloader collars (2 included with tester).

#52-73503
 Wheel stand for the above tester only – stand raises base to 20" off ground, 2 wheels allow easier movement (see right).

#52-73502
 Optional cups for testing 5 and 5-1/2" OD springs – for flat end or (1) 'pigtail' end (see right).

NEW!

Pull Bar Tester Adapter

- Tests by pulling Pull Bar apart (compresses spring).
- Easy to install and use.
- Also works with #52-73501 (see page 18).

#52-73498



SCALES & ACCESSORIES

Digital Electronic Valve Spring Tester



A NEW HD rigid design like a machine tool for more accurate readings makes this the best valve spring tester available!

- Spring pressure from 0 to 1400 lbs. by 1 lb. increments.
- Spring travel from 0.000" to 4.000" in .001" increments.
- 1/10 of 1% accuracy – on both spring pressure and travel.
- Positive stop to make repeated spring checks at the same height.
- Check springs with or without retainer.
- Spring travel and pressure can be zeroed at any point.
- Quick and easy to use.
- Runs on battery or 110 volt (220V available.)

#52-73511
Digital electronic valve spring tester to 1400 lbs. by 1 lb.

#52-73512
Digital electronic valve spring tester to 400 lbs. by .1 lb. (1/10 lb.)....



Digital spring travel

1-1/4" thick

Large Spacing Spring Rubbers

These days, many front running teams are using the new style coil-over springs that have fewer coils and wider spacing, giving more spring travel before you coil bind.

With these new spring rubbers, you can now fill that larger gap between coils to fine tune your set-up.

- #52-61016 Orange – soft
- #52-61041 Red – medium
- #52-61051 Blue – hard

Spring Rubbers

3/4" thick (coil-over)
1-1/4" thick (5/5.5")

- Fine tune your spring rate for the perfect setup.
- Make quick adjustments during practice.

- #52-61005 Coil-Over Spring Rubber – Yellow 5° – soft.....
- #52-61010 Coil-Over Spring Rubber – Clear 10°.....
- #52-61015 Coil-Over Spring Rubber – Orange 15°.....
- #52-61040 Coil-Over Spring Rubber – Red 40°.....
- #52-61050 Coil-Over Spring Rubber – Blue 50°.....
- #52-61070 Coil-Over Spring Rubber – Black 70° – hard.....
- #52-61140 5/5.5" Deep Groove Spring Rubber Red – soft.....
- #52-61150 5/5.5" Deep Groove Spring Rubber Blue – med.....
- #52-61170 5/5.5" Deep Groove Spring Rubber Black – hard.....

(*Numbers shown – 5, 10, etc. – are for relative compression only.)

Laser Chassis Height Checker & Scale Leveler

- Check actual chassis height when car is on scales or on a leveler. Don't get your setup 'just right', only to find out the car is too low or too high once you get it back on the ground.
- Includes an easy to setup self-leveling beam laser, 4 easy to read targets that are held to the frame with magnets, and a separate pad leveling target for leveling the scale pads and establishing the 'ground plane' to measure chassis heights.

- #52-72983 2" to 6" range..... ..
- #52-72985 2" to 8" dirt cars ..
- #52-72981 1" to 4½" range....



NEW!



Chassis Height Measurement Tool Works In 3 Different Ways

- 1) **Car on ground** – measures chassis height directly, accurate to .0625".
- 2) **Car on scale pads** – measures from top of pads – ground level – to frame directly (no subtracting needed here.)
- 3) **Measures chassis height dynamically**, as you work on car. Magnet holds tape to frame. Indicator shows height *as car moves up and down*. Use set of 4 to quickly see height at all 4 corners. **You don't even need to bend over.**

- 2 lengths – 24" for perimeter frames; 36" for straight rail cars on right side.
- Measures height from 2"-10" on 24" and 2"-15" on 36".

- #52-78320 24" model (1).....
- #5 2-78322 24" model (set of 4).....
- #52-78325 36" model (1).....
- #52-78326 Set of 4 – (2) 24" & (2) 36"....

English and Metric readout.



#52-78325

#52-78320

New Mini Chassis Height Checker For Scale Pads

- Starts measuring at 2-½" (height of most scale pads.)
- Measures height from 1" to 6-½".
- Gives you the actual chassis height once the car is off the scales. No subtraction needed here.

#52-78319



MINI Chassis Height Checker

Great for quick, accurate checks of chassis height. Push it under the car, raise the tape with the knob, pull it out, and read the height. Range is 2"-8", accurate to .0625". This is shortened and simplified version of the Chassis Height Checkers above. Quick, accurate, easy to use.

It's a great replacement for 'step' type tools, more accurate, more versatile, and easier to use.

#52-78318

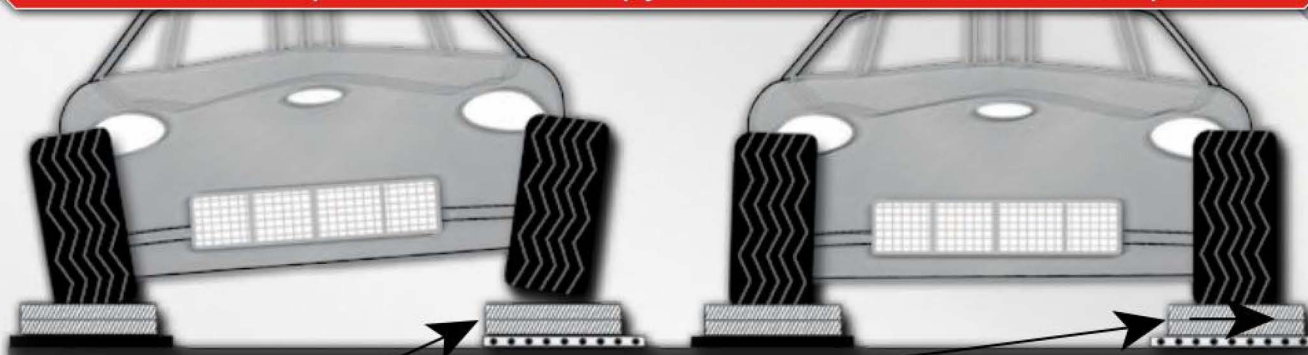
#52-78318

SCALES & ACCESSORIES

SideSlider™ For Bind-Free Setups

Chassis Roller Slip Plate

You use ball bearing A frame pivots, low friction ball joints, greaseable Heim joints, and even ceramic bearings – all to eliminate suspension friction. Don't set up your car with even a small bind at the scale pads.



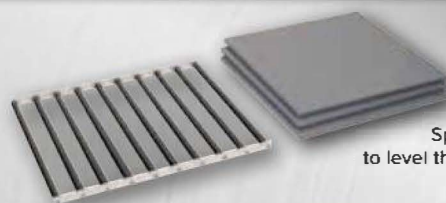
See How The LF Pad Slides Sideways, Relieving Camber Bind.

When you lift your car to put it on scales the front wheels camber in at the bottom. As you let it down the wheels must be allowed to freely camber back out or there will be a small residual bind in the chassis. This will make your wheel weights (and your setups) less than perfect. To avoid this, the front wheels must be able to easily move sideways.

With **SideSlider™** your front wheels can move sideways effortlessly to relieve any camber-induced bind. This will assure you the most accurate, consistent setups possible.



Scale pad rolls sideways effortlessly to relieve camber bind.



Spacers included to level the other 3 pads.

- Rollers are made from a tough, low friction polymer.
- Install under Left Front wheel (it has the most camber change.)
- 3 spacers are included to re-level your setup.
- Use on any smooth floor surface.

#52-72870 1 SideSlider™ and 3 spacers.....

#52-72872 2 SideSliders™ and 2 spacers.....

(For cars with independent rear suspensions.)

Greased plates? These are simply 2 pieces of sheet metal with grease or Teflon™ between to minimize side bind. And they work reasonably well. But when there is a load on them they don't relieve **all** the lateral load and they leave you with some chassis bind. Rollers, on the other hand, will move virtually friction-free, **regardless of the load**, and eliminate ALL the side bind for the most accurate chassis setups possible.

What happens to your wheel weights when you turn the front wheels?

Now you can find out!

"3D" Ball Roller SideSliders™.

Friction Free Ball Bearing Roller.

3 Way Slip Plates For Bind-Free Setups With Wheels Turned.

These **SideSliders™** move in 3 directions – sideways, front and back, **and they rotate**. They are great for checking wheel weights with wheels turned. See what happens to your wheel weights with different caster settings.

- Install under both Front wheels. • MUST BE USED UNDER SCALE PADS.
- Supported on ball bearings made from a low friction polymer.
- 2 spacers are included to re-level your setup. • Use on any smooth floor surface.

#52-72875 "3D" Ball Roller SideSliders™ (2 plates and 2 spacers).....



BILLET ALUMINUM MODULAR SETUP PLATEN:

Best rigidity for accurate setups.

The entire Platen is leveled, not just the scale pads as with hi-density foam racks.

- **Easy to assemble.**
- **Easy to transport.**

Modular components assemble quickly, then break down for efficient transportation.

Ships by UPS® or FedEx®.

INCLUDES:

- Four Billet Scale Pad Levelers with pop-out feet (24 total.)
- Two adjustable spanners.
- Two ramps.
- Two horizontal locator bars.



Assembles in 15 minutes or less – and disassembles even quicker.

- Billet T6 aluminum scale pad levelers with a full floor for the best rigidity and the most accurate setups.
- Swivel adjusting feet pop out for quick and easy storage.
- Spanners are attached to levelers and are flush with the top of scale pad.
- For 15" x 15" x 2-1/2" scale pads, wired or wireless.



OPTIONAL VERSION:

SideSliders™ (see page 22) allow the pads to float effortlessly sideways to relieve any chassis bind caused by camber change. Great for IRS cars.

#52-72865..... Complete platen with 2 **SideSliders™** – LF & LR.

#52-72860..... Fully adjustable for wheelbase (90" – 110") and track width.

This new setup platen uses the best design, engineering, & fabrication. The billet aluminum scale pad levelers are rigid for accurate setups and the formed spanners & ramps are strong, yet lightweight. Just set up the billet levelers & clip on the spanners & ramps.

Add to your Platen's functionality with these special purpose Roll-offs.

OPTIONAL TURNPLATE ROLL-OFF



Set caster and camber right on the platen. These attach quickly and easily to the front levelers and come with pop-out adjusting feet.

#52-72856..... Turnplates
#52-79800 Turnplates

OPTIONAL FRONT ROLL-OFF



They allow your car to roll forward off the scale pads. Come with 2 pop-out leveling feet. Set of 2.

#52-72851 18".....
#52-72853 30".....

SCALES & ACCESSORIES

New Style Modular Scale Pad Leveling Fixtures

Individual Billet Levelers

Use alone or with optional Roll-offs. (See below and right – page 25.)

Sets up quickly and disassembles easily for convenient storage and transportation.

Modular design gives you added flexibility.



Billet leveler

THIS PLUS THIS



Optional Roll-off attaches easily



GIVES YOU THIS



Modular Roll-off assembly

#52-72840 for 2-1/2" pads.

See multiple Roll-off options below and right – page 25.

Also see SideSlider™ below.

CNC machined T6 aluminum

Transports easily – ships UPS® or FedEx®.



Full floor for best pad support and rigidity.

Leveling feet "pop in and out" for easy setup and storage. They're held in place with "Rare Earth" magnets.



18" Roll-Offs

- With pop-out feet.
- Shown with Billet Levelers (not incl.)
- Attach easily.

#52-72850 18"

Billet Levelers With SideSlider™

See page 22 for SideSlider™ details.

- To relieve camber-induced chassis bind – for the most accurate setups.
- Same specs as above, including pop-out feet.

#52-72844 Billet Levelers with 2 SideSliders™ in LF & LR set of 4.. (For cars with independent rear suspension.)



New Style Scale Pad Leveling Accessories

1 Piece Billet Leveler Roll-Off

- Full floor for best pad support.
- CNC machined for accurate setups.
- Includes 2 sets of wheel stops.
- Use with wired or wireless scales (see pages 8-15).
- Includes 24 pop-out feet, 6 per leveler (see page 24) for best support.



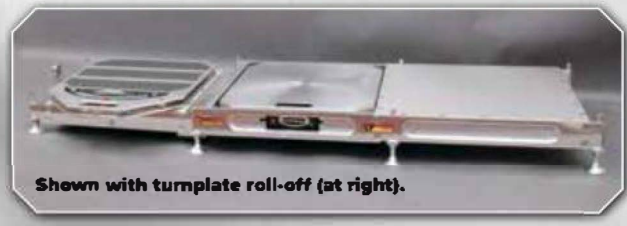
- #52-72831 18" roll-off area.....
- #52-72845 With 2 SideSliders™.....



Pop-out feet stored in sturdy case. 4 adjuster tools included.



Full floor for best pad support.



Shown with turnplate roll-off (at right).

Most other roll-off fixtures only have 12" to 14" of roll-off area. Sometimes that's not quite enough. If you start with low tire pressures the 'contact patch' can be long.

Roll-Offs For Turnplates



Set your caster and camber right on the fixture.

Turnplate roll-off platform (front) shown with billet leveler and turnplates. (Not included - see page 27.)

See product details on page 24.

Modular Billet Scale Pad Levelers Plus 18" Roll-Offs - Package Deal!

- #52-72830 for 2-1/2" pads.....



Roll-offs for turnplates - attach to front of levelers - includes 2 pop-out leveling feet for convenient storage. (Billet pad levelers not incl.)
 #52-72856

To roll forward onto turnplates you will also need 2 roll-offs at the rear (if you don't already have them).
 #52-72851 (2 only) 18" roll-offs with leveling feet....



Shown with Modular Billet leveler. Works with 1 piece Billet leveler (above) or Modular leveler.

SCALES & ACCESSORIES



Formed Roll-off Levelers

Roll car off scale pads, then back on again to eliminate camber bind.

- Rigid formed and welded aluminum construction.
- 6 HD swivel feet for easy leveling on most any surface (not pop-out style).
- Wheel stops on 2 roll-offs for safety.

New Design
Lightweight and more rigid.

#52-72905 for 2-1/2" Longacre® scale pads – set of 4.....

NOTE: These devices are not for use with our dual cell low deflection scale pads. See billet levelers and roll-offs.



Individual Scale Pad Levelers

- For a quick, accurate setup anywhere.
- 4 HD swivel feet (not pop-out style).
- Formed and welded.

#52-72900 for 15" Longacre® pads (12" pads also) – set of 4.....

NOTE: These devices are not for use with our dual cell low deflection scale pads. See billet levelers and roll-offs.



These 36" long ramps give you an angle of 3.9° to make getting your car on easier. Shorter low cost ramps have a much steeper incline – as much as 7.8°.

New Ramps – 36" Long

To get your car on the scales easier. (Most other ramps are only 15" long).

- 36" long, car rolls up on scales much easier than shorter ramps, **quicker than using a jack.**
- Formed aluminum, strong, lightweight, and durable.
- Set of 4, for 2-1/2" scale pads.

#52-72537 set of 4.....



Aluminum Turn Plates

- Low profile, only 1" tall.
- Reads to 1/2° – Degrees can be zeroed with the car on.
- Free floating in 2 directions eliminates bind.
- Can be used on top of scale pads.

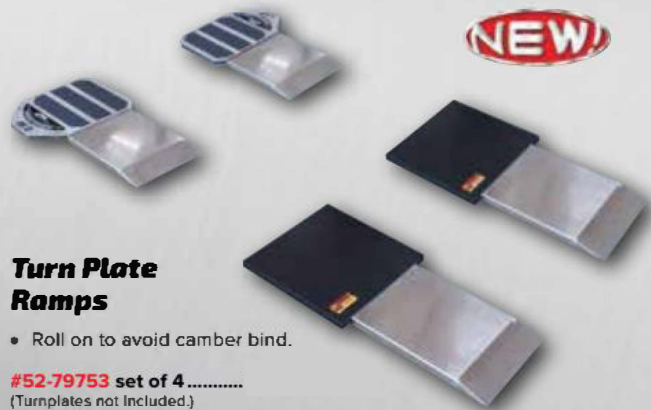
- #52-79800 Aluminum turn plates (pair).....
- #52-79805 Set of 1 (spacer included for other side).....
- #52-79751 Rear spacers with slip plates (pair).....
(To level rear of car when using turnplates on ground.)



Budget Roll-Offs

- Low cost way to roll your car off your scales, then back on again.

- #52-72904 set of 4.....



Turn Plate Ramps

- Roll on to avoid camber bind.

- #52-79753 set of 4.....
(Turnplates not included.)

NEW

SCALES & ACCESSORIES

Screw-In Swivel Feet

Pack of 2 (not pop-out) 1/2" – 13 thread.

- #52-72894 4" – pack of 2.....
- #52-72890 8" – pack of 2.....

Pop-out Feet

Pack of 2 Pop-out replacement swivel feet. (ONLY for roll-offs designed for pop-out feet.)

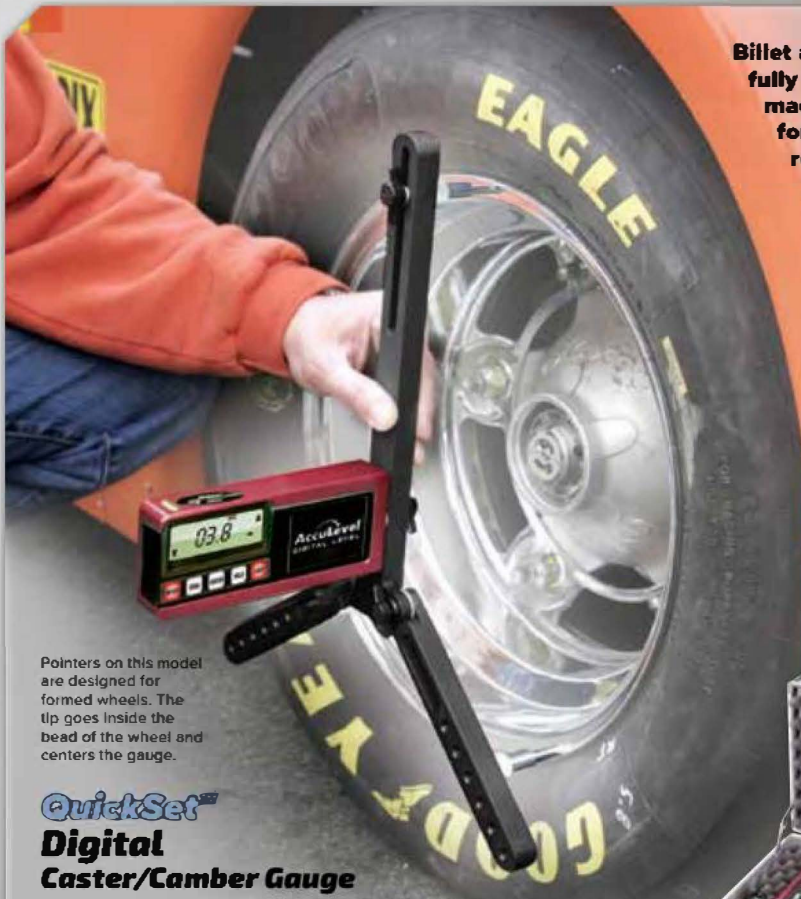
- #52-72896 4" – pack of 2.....
- #52-72893 8" – pack of 2.....



8" legs are made from Premium SAE 4140, rolled threads, double heat treated for strength.

Billet aluminum fully CNC machined. Rigid for accurate readings.

Three-leg design squares gauge to your wheel.



Pointers on this model are designed for formed wheels. The tip goes inside the bead of the wheel and centers the gauge.

QuickSet™ Digital Caster/Camber Gauge

- Reads to .1° • Will work on most any car.
- **AccuLevel™** digital readout can be easily removed and used for other angle measurements on the car. Can compensate for unlevel ground – more accurate readings.
- Just hold it against the rim to make a measurement – no adapter needed.

#52-78295 Digital C/C gauge with **AccuLevel™** and **QuickSet™** adapter with case – reads to .1° camber (For wheels 12" to 17" – see NEW model below for larger wheels.)

Comes with Silver case.



This is the fastest way to check your front end alignment, just hold it against the rim for easy, accurate readings. No spindle adapters required here.

Made from CNC machined billet aluminum. Works on most race cars, to 17" wheel.

Three-point design squares up to your wheel, folds up for easy storage.

Uses most caster camber gauges.

#52-78428 QuickSet™ Adapter only – use your gauge (For 12" to 17" wheels.)



Folds up for easy storage.

New Model For Large Wheels

For 13" to 24" aluminum wheels, adapts to bead, folds for storage, similar to **#52-78428** above.

#52-78430 QuickSet LW™. Adapter only – use your gauge.

Pointers on this model are designed for cast aluminum wheels. A lip goes over the bead of the wheel and centers the gauge.

NEW Model For QuickSet™ Large Wheels

From 13" to 24" aluminum wheels, 'feet' adapt to wheel bead, folds for storage, similar to **#52-78295** above.

Digital C/C gauge with .1° AccuLevel™ CNC machined billet aluminum.

#52-78298 ('Feet' may require minor modification to fit your wheels.)

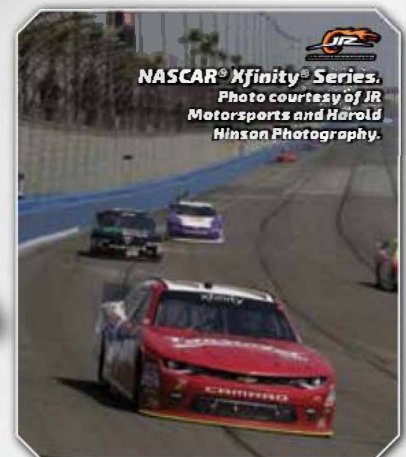
Comes with Silver case.



Caster/Camber Gauge With Billet Vial Style Gauge

- No adapter needed, just hold it against the wheel.
- Reads camber +/- 9°, caster + 12° to -4°.
- For wheels 13" to 17".

#52-78274



Digital Caster/Camber Gauges



Great for bump stop cars with high LF camber. Reads as high as you need.

AccuLevel™

Easily removes from gauge and can be used for other measurements such as spoiler and A frame angles, suspension and driveline, etc.



Digital Caster/Camber

Here's a super accurate digital caster/camber gauge that reads to .1° (1/10°) and at a price any serious team can easily justify. It comes with our latest Super Magnetic adapter and a padded Silver carrying case.

Caster reads directly – no math to do like some other low cost gauges. There is a backlight for dark areas and a **Hold** feature for hard-to-reach places. This is really a must-have tool for any serious race team.

- #52-78290 Caster/Camber with Magnetic adapter.....
- #52-78291 Caster/Camber less adapter.....
- #52-78292 Caster/Camber with 3/8-18 kart adapter.....

"Rare Earth" magnets installed from the back.



NEW: Billet Magnetic adapter now with 16 premium "Rare Earth" magnets for a stronger pull – installed from the back for protection. **Flush face, easy to clean.**



See page 62 for AccuLevel™ separately.

CHASSIS SETUP EQUIPMENT

Caster/Camber Gauges



Caster/Camber Gauges

- Reads camber from +6° to -6° accurate to ¼°.
- Caster reads to +12° to -4°.
- All vials are individually checked for accuracy and assembled on a precision fixture.
- All critical surfaces are CNC machined for accuracy.
- New stronger Magnetic adapter – dead flat surface for accuracy, won't chip or flake. (on #52-78260)

Caster/Camber Gauges

| | |
|-----------|--|
| #52-78260 | with Magnetic Adapter..... |
| #52-78250 | Gauge and Case Only – NO ADAPTER..... |
| #52-78262 | GM Factory Adapter ¾" – 20..... |
| #52-78264 | Wide 5 Adapter 1 ¼" – 16..... |
| #52-78265 | Caster & Camber Gauge with Kart Adapter ¾" – 18..... |

Magnetic adapter with 8 premium "Rare Earth" magnets – holds to your hub better. Magnets installed from the back.

All gauges come with a premium Silver case.



Kart Camber Gauge

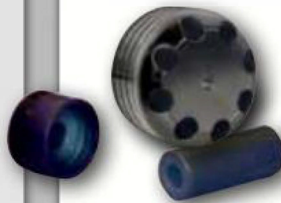
- Specially built for karts.
- Reads ± 6° camber.
- ¾"-18 screw-on kart adapter.
- Metric adapters avail. – see right.

#52-78100 Camber gauge

Comes with Silver case.



Separate Adapters



| | |
|-----------|--|
| #52-78405 | Wide 5 or 5 on 5 Spindle 1 ¼" – 16..... |
| #52-78410 | Factory GM ¾" – 20..... |
| #52-78412 | Allison Legacy / Big Ford ¾" – 20..... |
| #52-78414 | Small Ford ¾" – 16 (also used on many road race cars)..... |
| #52-78424 | Billet Magnetic Adapter – for #52-78272..... |
| #52-78428 | QuickSet™ Billet Caster Camber Adapter..... |
| #52-78430 | Large Wheel QuickSet™ Billet Caster Camber Adapter..... |
| #52-78438 | Fine Go-Kart Adapter ¾" – 18..... |
| #52-78439 | Kart Adapter – (metric) – 14 mm x 1.5..... |
| #52-78441 | Kart Adapter – (metric) – 16 mm x 1.5..... |
| #52-78445 | Legend Car – (metric) – 19 mm x 1.5..... |

Most adapters screw onto spindle (except magnetic and QuickSet™). New size metric & other adapters are coming out often. Call for your specific needs if not here.

Aluminum A-Arm Spacers

- Won't fall out when setting front end.
- Lightweight aluminum.
- 6" bolt centers.

#52-78512 Kit (all 4).....
1 each of ¼", ½", and 2 each of ¾".



Billet Caster/Camber Gauges

This is a professional grade tool. CNC machined from a solid billet of T6 aluminum – polished, Bright Dip anodized and laser engraved.



Comes with Silver case.



- **Expanded range**

Measures camber to + or - 9° and caster + 12° to - 4°

- **Glow-in-the-Dark** vials – much easier to read even in good light.

- CNC machined **billet aluminum** – polished, Bright Dip anodized, Laser etched.

- **NEW Super Magnetic adapter** – stronger pull. Uses 16 premium "Rare Earth" magnets to hold to your hub better, CNC machined for a dead flat surface and the highest accuracy possible.

- Can measure caster with or without turnplates. (Best accuracy if used with turnplates.)

- All vials checked for accuracy to 1/4° – assembled on a precision fixture.



NEW: Billet Magnetic adapter now with 16 premium "Rare Earth" magnets for an even stronger pull – recessed for protection. Flush face, easy to clean.



"Rare Earth" magnets installed from the back.

#52-78272 Billet Caster/Camber Gauge
#52-78273 Billet Caster/Camber Gauge only – less adapter...

#73 Gary Lewis



CHASSIS SETUP EQUIPMENT

Toe-In Bar ("Toe Bar")

Similar to our #52-79620 toe-in gauge below, but this new model measures to the outside of the tire. No scribe line needed. Fast and easy. Reads toe to $\frac{1}{16}$ ". Can be done by 1 person. Billet aluminum. Adjustable up to 88" in width – great for wide track cars, Corvettes, etc.

#52-79622 \$199.95

**Small wheels on the bar
let it slide under the
car more easily.**



**Both the Toe Gauge and Toe Bar are simple
to use and measure toe-in within $\frac{1}{16}$ ".**

Toe-In Gauge

- An accurate way to measure toe-in to within $\frac{1}{16}$ ".
- Easily done by one person. • See #52-79610 Billet Tire Scribe.

#52-79620 \$199.95

To get a very accurate toe-in measurement, jack up front wheels and scribe a true running line on the face of the tire. (See Billet Tire Scribe below.) Place the gauge in front of the tires and align the pointers with the scribe lines. Then move the gauge to the rear of the tires and align the fixed end with the scribe line.

On the other end, loosen the thumb screws and move the slider until the pointer aligns with the other line. Now read the exact toe-in on the scale.

Quick, easy, and accurate.

Modular Design =

Savings for you.

These **Toe Gauges and Toe Bars** disassemble for shipping, saving you money. Some lower cost models come fully assembled and must ship at the more expensive oversize rate, costing you or more of additional shipping charges.



Power Tapes

#52-50870 $\frac{1}{4}$ " x 10' for stagger
Inches only.....

#52-50875 $\frac{1}{4}$ " x 10' for toe-in,
wheelbase, etc. Inches only.....



Folds up for easy storage.

Billet Tire Scribe

- Use to make a true running line on the face of the tire for measuring toe-in.
- Use w/ #52-79620 Toe-In Gauge above left.
- Spring loaded for easy 1 person use.

#52-79610 \$199.95

Tire Roll Out Fixture

- Wheel spins freely – check stagger easily and accurately.
- Clean or groove tires quickly.
- Find leaks, punctures or tire damage fast.
- Convenient design, saves you tons of time and hassle.

#52-50853
Includes 10' Stagger Tape..... \$199.95



Chassis Setup Charts

- Punched for 3 ring binder • Packaged 1 pad, 50 sheets

#52-22528 Tire chart/Chassis setup..... \$199.95

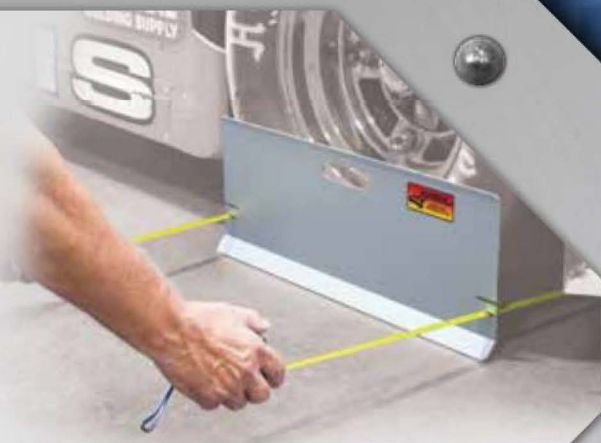
NEW!

Magnets hold tapes in place during use.

Standard Toe-In Plates

- Quickest and simplest way to measure toe-in.
- Rest one of these plates against the tire on each side and measure toe directly using the 2 tapes included.
- Formed design is rigid for accuracy and stays put against the tire. (See #52-79505 below.)

#52-79501.....



Deluxe HD Toe-In Plates

- Thicker material, deeper bend gives you more rigid plates for better accuracy.
- Higher kick-out on bottom holds plate against the wheel better. Great for cars with high camber LF wheels (bump stop cars).
- Magnets on one plate hold the tapes in place.

#52-79505



NEW
Magnets hold tapes in place as you work. Easier to use.



Magnets hold tapes



Easier to read



Great for High camber LF wheel.

Mounts on the wheel for best accuracy.

Attaches To Steel Wheels

- Including set of 2 fold-up fixtures, 2 tapes, Silver carrying case.

Makes setting toe a quick 1 person job.

- Similar to our NEW QuickSet™ caster camber.
- Magnets in the legs hold your steel wheel – one on each side.
- Eliminates tire 'bulge' error.

QuickToe™ Setting Tool

Here's a different way to set your critical toe-in. A pair of three pointed fixtures mount to the wheels (with magnets) for super accuracy. You can even attach a caster camber gauge to either side. **Use tapes included to measure toe directly.**

#52-79630... QuickToe™ 2 adapters with magnetic legs, 2 tapes, Silver case.....

CHASSIS SETUP EQUIPMENT

Billet Aluminum Stagger Gauges – 2 Models



Both have dual scales – on two sides.

Easy to read with tires on the car or flat on the ground.



Both models use custom tight tolerance aluminum tubes for more accurate readings. No 'slop'.

Billet Aluminum Stagger Gauge

- $\frac{3}{8}$ " thick T6 billet aluminum arms for extra rigidity and accuracy.
- **Tight tolerance square tubes for accuracy. Custom extruded 6061-T6 aluminum.**
- 62" to 110" circumference, in $\frac{1}{8}$ " increments.
- Scale on two sides – see above – easy to read with tires on the car or flat on the ground.
- Bolted together, no welding distortion.
- Anodized red.

#52-50840 without roller

Check your stagger quickly and accurately on or off the car.



Deluxe Billet Stagger Gauge with **ROLLER**

- **Roller on one end makes measurements easier.**
- $\frac{3}{8}$ " thick T6 billet aluminum arms for extra rigidity and more accurate readings.
- Measures from 62" to 110" in $\frac{1}{8}$ " increments.
- Tight tolerance square tube design for accurate results.
- Extra long billet arms – longer 9- $\frac{3}{4}$ " for wider tires.
- Scale on two sides – see above – easy to read with tires on the car or flat on the ground.
- Bolted together, no welding – anodized red.

#52-50846...with roller...



Roller

Works better than flat tabs.

Bump Steer Gauges



NEW
dial indicator –
easier to read,
shows + or - from 0.0.

Precision Bump Steer Gauge With Billet Plate

All NEW design:

- New precision plate. 3/8" thick T6 aluminum billet for the ultimate in accuracy. Anodized and laser engraved.
- New compact frame. More rigid billet and tube design for the best accuracy. Bright dip anodized.

This simplified design uses a single indicator to tell you the exact amount of bump steer within .001". No need to subtract one dial reading from another – less chance for error.

- Most accurate, easiest and quickest way to measure your critical bump steer.
- NEW extended height design – check bump steer at ride height or on stands.
- NEW 3/8" thick wheel plate has mounting holes for most 5 bolt patterns (4-1/2 to 5") and most wide 5 with 4, 5, and 8 bolt flanges.
- Center hole is 3-1/4".

- #52-79005 5 bolt, wide 5
(See below if your hubs have no threaded holes - "snap cap" style.)
- #52-79011 Blank Billet Plate.
- #52-79003 4 & 5 bolt Sport/Compact...

Precision Digital Bump Steer Gauge With Billet Plate

- Similar to #52-79005 above, but with precision digital readout.
- Easier to use – just push **Zero**, move suspension, read bump directly to .001".
- Includes billet plate – see above.

#52-79015



For Most Wide 5 Hubs and Others Without Threaded Cap Mounting Holes.

- For hubs with no mounting holes. These stand-offs screw on wheel studs (5/8" C).
- Set of 2 stand-offs and bolts.

#52-79121 Hub mounting stand-offs.....
(Coarse thread studs only.)

3/8" Thick Billet Plate

- #52-79020 5 bolt, wide 5
- #52-79022 Blank plate
- #52-79023 ... 4 & 5 bolt Sport Compact



Bump Steer Gauge Storage Case

- 22-1/2" x 20-1/2" x 4".
- Lined storage case for easy transport and storage.

#52-79019



CHASSIS SETUP EQUIPMENT

Billet Aluminum Valve Core Stem Tool



- Anodized billet aluminum with stainless steel tip.
- Includes 3 spare valve cores.

#52-50270 \$14.95

Conveniently stores spare valve cores in the handle.

Compact Valve Core Tool

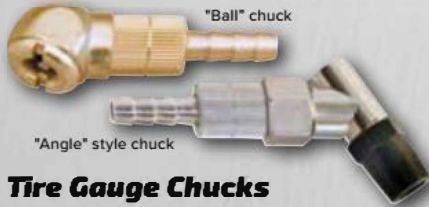
- Aluminum body, steel tip.
- Put on your key chain, for quick access.

#52-50272 \$14.95

4 Way Valve Core Repair Tool

- R & R valve cores.
- Recuts damaged threads.

#52-50274 \$14.95



Tire Gauge Chucks

- Swivel fitting for easy use.

#52-50496 Angle chuck \$14.95

#52-50494 Ball chuck \$14.95

Tire Chucks - Live Air

For filling tires (Not for gauges - see Tire Gauge chucks at left.)

#52-50490 Full flow filler chuck \$14.95



Fitting not included



Tire Marking Stick

- Writes reliably on any surface, even cold.

#52-50880 \$14.95
#52-50881 Box of 12 bulk... \$149.95



Skin Packed



Tire Marking Pen

- Makes a finer line, easy to read.
- Mark tire sizes, pressures, etc.
- Silver paint won't come off from heat.

#52-50882 \$14.95

#52-50883...Box of 12 bulk... \$149.95



Universal Air Tool Quick Disconnect

- Connects to all 3 common fittings.
- No more switching fittings to use that new or borrowed tool.

#52-36013 Pair..... \$14.95



Portable Ultra Lightweight Polished Air Tanks

Available With Or Without Filler Tire Gauge.

Special Inlet valve fills tank in less than 15 seconds.
(With adequate air supply.)

Filling most tanks can take 90 seconds of precious practice time!

- These tanks include a Universal Air Quick-Change coupler. (See above right.)

#52-50316 Deluxe 5 Gallon Tank - No Tire Pressure Gauge.
(With Special Inlet Valve.)

#52-50315 Deluxe 5 Gallon Tank w/ Analog Tire Pressure Gauge.
(Angle chuck.)

#52-50311 Deluxe 5 Gallon Tank w/Digital Tire Pressure Gauge.
Air tank with DIGITAL Quick Fill Gauge.
(Angle chuck.)



#52-50316

New Basic Tanks (at right)

- 36" hose, tire chuck, standard fill valve.

#52-50305 Standard 5 Gallon Tank-No Tire Pressure Gauge..... \$14.95

#52-50308 Standard 2 Gallon Tank-No Tire Pressure Gauge..... \$14.95



NEW "Mini" tank

We Have The Widest Selection Of Tire Pressure Gauges.

The Perfect Gauge For Every Preference.

Plus most gauges come with both angle and ball chucks.

- Glow-in-the-Dark dials. • **New 40 psi models.**
- Gauges are damped for greater accuracy and durability.
- Digital, analog, and liquid filled. • Wide selection of sizes and styles.
- Durable mechanisms stand up to tough racing use and maintain accuracy.



Angle and ball chuck included.

Magnum - 3-1/2"

- **Dual bleed buttons**, holds pressure.
- **NEW 40 psi** plus 0-15, 30, & 60 psi.

Includes Silver case.

See pg 43

Liquid Filled - 2-1/2"

- Special valve compensates for temp changes.
- **NEW 45 psi** plus 0-15, 30, & 60 psi.

See pg 41

Deluxe - 2-1/2"

- Holds pressure, Glow-in-the-Dark face.
- **NEW 40 psi** plus 0-15, 30, & 60 psi.

See pg 43

Pro Digital - 2-1/2"

- Reads to .1 psi, accurate to .3%, back light.
- 0-25 & 60 psi with **dual bleed buttons**.

Includes Silver case.

See pg 39

Semi Pro Digital

- Reads to .1 psi, accurate to .5%, back light.
- **2-1/2"** face, 0-60 psi.

Basic Digital

- **2"** face, easy to read numbers to .2 psi.
- Accurate to .8%, 0-60 psi & 0-100 psi.

See pg 42

\$38.99

Quick Fill Gauge

- Deluxe, Liquid Filled, Magnum, or Digital.
- Some with Silver case.

See pg 43

0-60 psi

Basic Tire Gauge - 2"

- Accurate and reliable, great value.
- 0-15, 30 & 60 psi.

Glow-in-the-Dark face.

See pg 42

Ultra Pro Digital With Pyrometer

- Record pressures AND temps, save 4 pressures & 12 temps on display, accurate to .1%.
- Tire probe & Silver case.

See pg 38

TIRE MANAGEMENT

*These products may contain chemicals known to the state of California to cause cancer, birth defects, or reproductive toxicity.

A Totally **NEW** Kind Of Tire Pressure Gauge.

**Tire Pressure/
Pyrometer
Combined.**

Angle and ball
chuck included.

**.1%
Accuracy**

Temperature Compensating Tire Pressure Gauge – To .1 psi

- Corrects tire pressures back to a standard temperature.
- Displays what the pressure would be if the tire was actually at this temperature. • 0-100 psi by .1 psi.
- Will also function as a traditional tire pressure gauge showing **actual pressures – all 4 stored on display.**
 - And it will work as a precision tire pyrometer, **displaying all 12 tire temps at the same time.**

#52-53050 0-100 psi.....

#52-53053 gauge and case only.....

- Back light for night use.
- **Accurate to .1%.**
- **Reads to .1 psi.**
- Silver case and adjustable tip tire probe included.
- 3 bleed buttons for faster adjustments.

Here's how it works. Plug in the tire probe in the side of the gauge as shown. Measure the temperature the usual way – in the tread area. Push the Mode button to get to Temp Compensation. While in this Mode, the pressures will be compensated and corrected back to a standard temperature (80°F). Push Mode again to go to tire temps or back to traditional tire pressures.

Setting The Most Accurate Tire Pressures:

If tire pressures are critical to your car's performance – closer than +/- 1 psi – then you really need what this gauge can do for you. Pressures must be set in the pits but the tires sitting there can easily vary by as much as 20°. You are setting on-track hot pressures by guessing (lots of experience here) at the starting cold pressure. If you want the tire to grow to 38 psi on the track, you set it in the pits at 28 psi. Sounds reasonable. You have been doing it for years.

But what was the *temperature* in the pits? If it was 80° (like it usually is) you are OK. But what if one or two had been in the sun and had crept up to 90°? For every 10° temp change there is a .8 psi change. So instead of 28 psi (at 90°) you effectively set it at 27.2 psi. (What it would have been at 80° rather than 90°?)

Would this make a difference? If not, turn the page and look at our other gauges. If it would, (NASCAR® Cup teams fret about .2 - .3 psi) you really need to set all starting pressures at the same temperature, week in and week out. This way the on-track pressures will be the same. But how do you do that? You will have great difficulty controlling the temperatures. And yet you need to.

A better way is to correct the pressures to what they would have been had you been able to keep the tires at a constant temperature. You could use a pyrometer to measure the tire's temp, then use a calculator to compute what the pressure should be at that temp rather than just putting in 28 psi. Slow and cumbersome to say the least.

But you don't have to do that. This **"Temperature Compensating Tire Pressure Gauge"** will do it for you. It can take the temperature of the tire using a traditional tire temp probe, instantly calculate the correction back to a standard temperature, and show the pressure you should be putting in the tire. It may not be the actual pressure at that moment. But it will be the correct pressure when it counts, on the track.



Shown w/
tire temp
probe.

TRADITIONAL TIRE PRESSURE MODE:

Displays actual tire pressures.

Tire pressures
stored on
display.



PYROMETER MODE:

Ultra fast response PLUS it displays all 12 temps so you don't need to write them down as you go.

Tire temps
stored on
display.



COMPENSATED PRESSURE MODE:

Displays what pressures would be at the standard temperature (80°F).



Pro Digital Tire Gauges

NEW improved electronics
with higher accuracy and wider temp operating range.

.3% Accuracy
Reads to .1 psi – 2-1/2" face

- Rubber bumper protects 2-1/2" gauge.
- 17" hose. • Swivel chuck.
- Auto – Off feature to extend battery.
- Silver case included on all Pro Digital.



Asphalt 0-60 psi

Easy to read – to .1 psi.

Dual Bleed Buttons

#52-53000
with Angle and Ball chuck.



Angle And Ball Chuck Now Included On Most Tire Gauges!



Quick Fill Digital Gauge 0-60 psi

Connect to air line fill and bleed with one gauge.
Reads to .1 psi.



#52-53008
with Angle and Ball chuck.
includes Silver case.

Dirt LM Sprint Kart 0-25 psi



Reads to .1 psi
Great for karts too!

2 bleed buttons give faster adjustment at low pressures.

Dual Bleed Buttons

#52-53010
with Angle and Ball chuck



0-125 psi

Reads – to .5 psi.
(Others read to .1 psi.)

For the hauler or trailer.

#52-53028...with Angle and Ball chuck ...

#52-53026...with Foot valve ...
(No Angle and Ball chuck.)



Metric Digital Tire Gauge

Metric 0-4 bar by .01 bar

#52-53060 with Angle and Ball chuck



TIRE MANAGEMENT

Ultimate Tire Pressure Gauge

**For Top Professionals
And Any Serious
Race Teams.**

- Accurate to .1%, reads to .1 psi on large graphic display.
- **Saves all 4 tire pressures on the display so you don't have to write them down.**
- Back light for night use.
- Swivel angle chuck and 17" hose.
- 3 high volume bleed-off buttons for fast setting on pit stops.
- Includes Silver case.

You can even connect a Longacre® tire probe to use this gauge as a pyrometer. (Not included.)

It has internal circuitry that measures temps and stores all 12 temps on the display – so you don't need to write them down as you go.

#52-53053 0-100 psi.....



**.1%
Accuracy
3-1/2" Face**



Ball chuck
Included.

Comes with a rubber bumper for gauge protection, 17" hose for ease of use and 3-button fast air release.



**.5%
Accuracy
2-1/2" Face**

Semi Pro Digital Tire Gauge

- Reads to .1 psi .5% accuracy (1/2 of 1%).
- **2-1/2" face w/ larger easy-to-read numbers.**
- Back light for night use.
- Air release button, 17" hose, swivel chuck.

#52-53003 0-60 psi.....



**.8%
Accuracy
2" Face**

Basic Digital Tire Gauge

- **2" face with large numbers.**
- Reads to .2 psi .8% accuracy.
- Air release button, 14" hose.

#52-53006 0-60 psi...
#52-53036 0-100 psi...

**Angle And Ball
Chuck Now
Included On Most
Tire Gauges!**



Liquid Filled Tire Gauges

At Last....A Liquid Filled Tire Gauge That Works Right!

Liquid filled gauges have many advantages. But they can change readings by as much as 2-3 psi if the temperature changes . . .

All pressure gauges – liquid filled and regular – need to be vented to the outside to read accurately. If not vented, they will build up pressure inside as the surrounding temperature changes. **This will affect the accuracy** – by as much as 2 - 3 psi or even more.

But if a liquid filled gauge is vented it will leak on your hands and in your tool box. Some manufacturers aren't aware of this and don't vent their gauges. You then have to deal with the variation in accuracy.

Now from Longacre® comes the simple answer to this problem. We have installed a specially designed pressure equalizer knob on the top of each gauge. Before you use the gauge just loosen this knob and retighten. Instantly any temperature-caused pressure difference will be equalized and you will be guaranteed the most accurate readings possible.

- 2-1/2" LF gauge with bumper.
- **HOLDS PRESSURE UNTIL RELEASED.**
- **Glow-in-the-Dark** dial face.
- 17" hose with swivel chuck.

#52-52002 0-60 psi by 1/2 psi...

#52-52022 0-30 psi by 1/2 psi...

#52-52012 0-45 psi by 1/2 psi...

#52-52032 0-15 psi by 1/4 psi... with dual bleed buttons.

15 psi gauges come with Dual Bleed buttons for faster setting.



Special Equalizer Valve

Equalizes internal pressure for the most accurate readings.



Dual Bleed buttons

NEW 45 PSI

Angle And Ball Chuck Now Included On Most Tire Gauges!

Note: Liquid Filled gauges are filled to 85% to allow for temperature expansion.

Quick Fill Tire Gauge

- Connect your air line, press the lever, and fill your tires **TWICE AS FAST.**
- Bleed button for excess pressure.
- 4 different dial or digital gauges.

- #52-52009 with 2-1/2" Deluxe gauge
- #52-52007 with 3-1/2" Magnum gauge
- #52-52008 with 2-1/2" Liquid filled gauge.....
- #52-53008 with 2-1/2" 0-60 PRO Digital gauge



#52-52007 Magnum



#52-52009 Deluxe

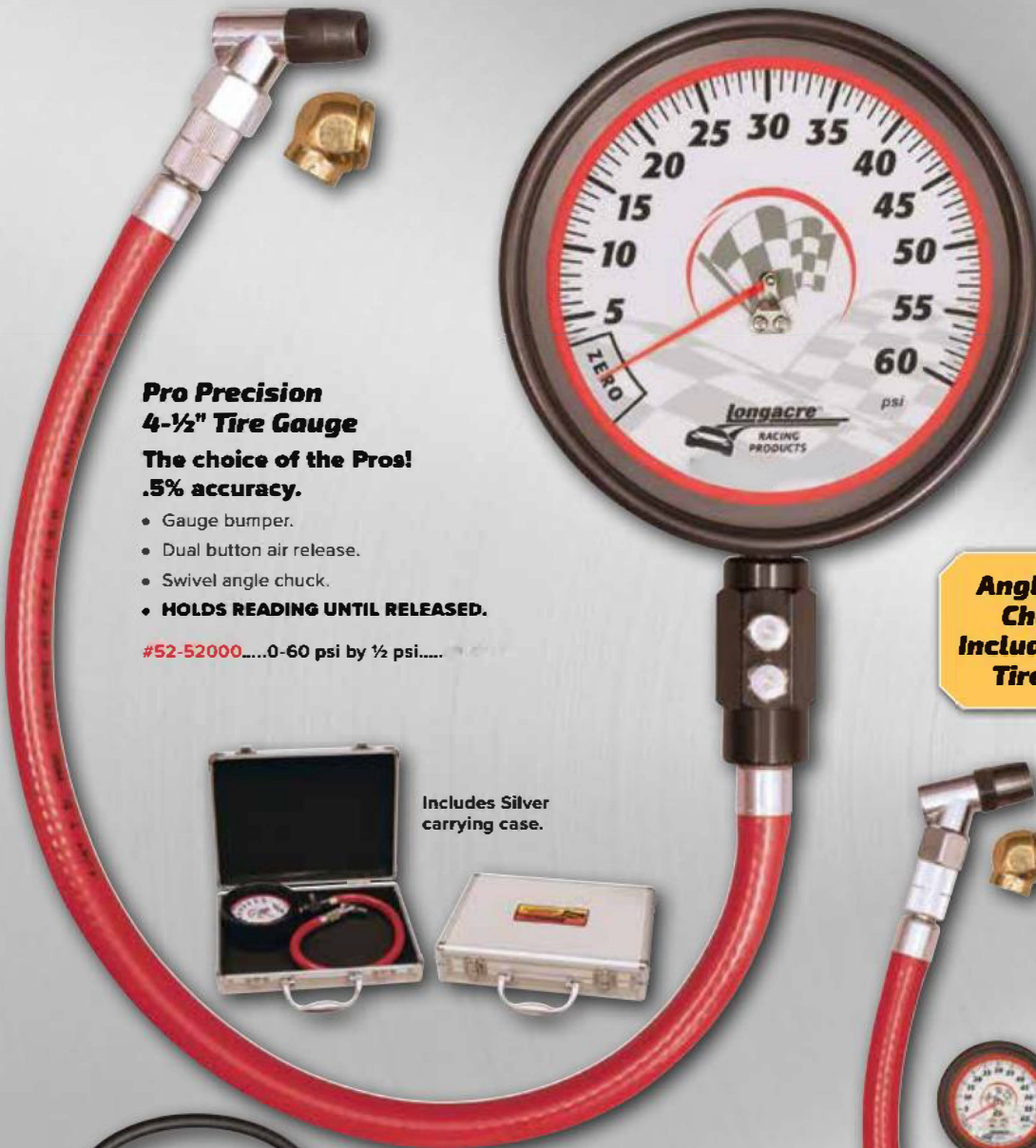
#52-52008 Liquid Filled

#52-53008 Digital

Use this **MUST HAVE** tool as your regular tire gauge.

TIRE MANAGEMENT

Pro Precision 4-1/2" Tire Gauge



.5% Accuracy

Pro Precision 4-1/2" Tire Gauge
The choice of the Pros!
.5% accuracy.

- Gauge bumper.
- Dual button air release.
- Swivel angle chuck.
- **HOLDS READING UNTIL RELEASED.**

#52-52000.....0-60 psi by 1/2 psi.....



Includes Silver carrying case.

Angle And Ball Chuck Now Included On Most Tire Gauges!



0-60 psi Auto-Fill Tire Inflator Deflator

- Automatically fills tires to pre-set pressure – while you do something more important.
- Also bleeds off tires at an adjustable rate.
- Regulator and gauge, hose with clip-on chuck, control valve.

#52-50581.....

Basic 2" Tire Gauges

- Air pressure release button.
- Internal gauge damper for more accurate readings and longer life.
- 2" dial face, 14" hose and swivel chuck.
 (Note: Does not hold pressure.)

Glow-In-The-Dark Dial Faces

- #52-52004 0-60 by 1 lb.
- #52-52024 0-30 by 1/2 lb.
- #52-52034 0-15 by 1/2 lb.

Magnum™ Tire Gauge



All Magnum™ gauges come with Dual Bleed buttons for faster setting.

Magnum™ 3-1/2" Tire Pressure Gauges

- Huge 3-1/2" Glow-in-the-Dark face for high accuracy and the easiest readability.
- High flow release button, one piece swivel chuck.
- **HOLDS PRESSURE UNTIL RELEASED.**
- Internal gauge damper for more consistent, accurate reading.
- 17" hose with swivel. • Comes with Silver case.

- #52-52001...0-60 by 1/2 lb.
- #52-52011...0-40 by 1/2 lb.
- #52-52021...0-30 by 1/4 lb.
- #52-52031...0-15 by 1/4 lb.

Dual Bleeds on all Magnum™ gauges.



Includes Silver carrying case.

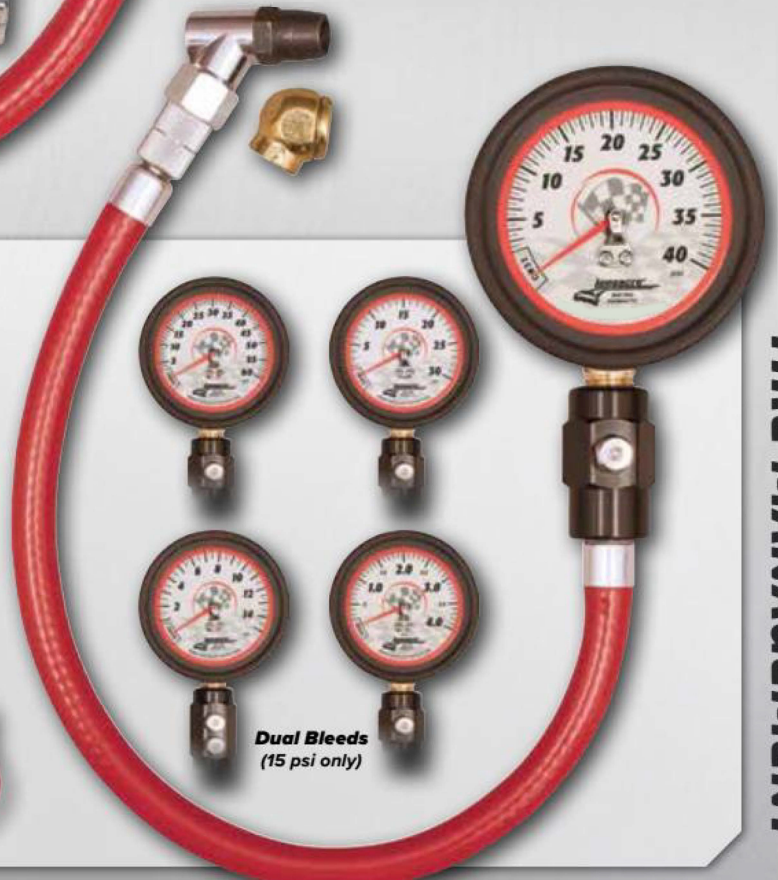
Deluxe 2-1/2" Tire Pressure Gauges

- 2-1/2" Glow-in-the-Dark face for easy readability.
- High flow release button and one piece swivel chuck.
- **HOLDS PRESSURE UNTIL RELEASED.**
- Internal gauge damper for more accurate readings and longer life.
- 17" hose and angle swivel chuck.

- #52-52003 0-60 by 1/2 lb.
- #52-52013 0-40 by 1/2 lb.
- #52-52023 0-30 by 1/4 lb.
- #52-52033 0-15 by 1/4 lb. DUAL BLEED.....
- #52-52073 Metric 0-4 BAR by .01 BAR.....
- #52-52053 0-100 ANGLE chuck.....
- #52-52063 0-100 with 'Foot' valve (see below). (Foot valve is for dual wheels. No angle or ball chuck.)



'Foot' valve for 'dualies'.



Dual Bleeds (15 psi only)

TIRE MANAGEMENT

Keep Your Tire Pressure Constant With TIRELIEFS™

Pro-Team TIRELIEFS™ Kit

- Kit includes: 6 TIRELIEF™ valves, 12 wheel adapters, setting tool, inflation adapter and carrying case.

#52-50100

Note: TIRELIEFS™ are designed ONLY to relieve normal tire pressure build-up ON THE TRACK. They should not be used as a safety device.



Inflation Adapter



- Use to air up tires when a quick change adapter is installed in the valve stem hole.
- Saves drilling a hole in the rim.

#52-50220

Quick Change Adapter

- Makes quick work of changing or resetting TIRELIEF™.
- Unscrew and remove the TIRELIEF™ valve from the rim without **losing air pressure**.
- Aircraft alloy aluminum, low profile.
- Installs in 5/8" hole in rim – use factory valve stem hole or drill a new one.

#52-50240 Set of 4

TIRELIEF™ Setting Tool

- Lets you set your TIRELIEF™ valves before you install them in the rims.
- Uses compressed air to accurately simulate tire pressure.

#52-50290 0-60 psi



Valve Core Stem Tool



- Conveniently stores valve cores in the handle.
- Durable aluminum with stainless steel tip.
- Includes 3 spare cores.

#52-50270

Hi Temp Silicon Valve Stem QC Grommets



- High temp 400° grommets.

#52-50301 Not for use with #52-50265...

#52-50008 Replacement TIRELIEF™ "O" rings and quad seals – Set of 4

TIRELIEFS™ Tire Pressure Relief Valves

- Relieves tire pressure build-up as you race – automatically.
- 3-40 psi range.
- 100 mesh inlet filter – to keep dirt inside tire from plugging TIRELIEF™.
- Lightweight aluminum – only 9 grams – won't affect wheel balance.
- To install drill and tap a 1/8" NPT thread in rim.

#52-50000 Set of 4

Low Profile Valve Stems

- High temp grommets, low profile.

#52-50265 (Brass) Set of 4

Track Your Tires With Precision

Comes with Silver case AND pouch.



Tire hardness has a huge effect on your car's performance. A tire too hard won't bite and a tire too soft may wear quickly or even ball up. Also tire hardness changes during its life cycle. To run your best you must keep track of all your tire's hardnesses. These easy-to-use tools will help you do just that - quickly, accurately and easily.

Digital Durometer

(0-100 Shore 'A' scale.)

- Straight edge on base to 'rock' durometer for more consistent results.
- Non-slip coating for better grip. • Accurate, easy to use.

#52-50547 with Silver case AND pouch.....

NEW:
Includes Rubber TEST BLOCK to verify calibration.

Dial Tread Depth Gauge

- Reads in 1/32", accurate to 1/128". (That's less than .010")
- Easy to read, easy to use.

#52-50562 with Silver case.

#52-50560 with pouch only.



Deluxe Durometer - Dial Type

Racing tire hardness tester
NEW Design - more accurate.

- Reads from 0-100 points. (Shore 'A' scale.)
- Straight edge on base to 'rock' durometer for more consistent results.
- Non-slip coating for better grip.
- **Calibration test block included.**
- Dial can be 'Zeroed'.

#52-50546 with Silver case AND pouch.....



Comes with Silver case AND pouch.

Basic Durometer - Dial Type

Racing tire hardness tester - lower cost model.

- Reads from 0-100 points.
- Dial can be 'Zeroed'. (Shore 'A' scale.)

#52-50553 with red case.....



Non-Slip Coating Gives You A Better Grip And More Accurate Readings.

Comes on most Longacre® durometers and tread depth gauges.



Special Model For RC Cars

#52-79980 RC model. (Special calibration for soft RC car tires.)



Pro Digital Tread Depth Gauge

- The ultimate in digital accuracy, to .001".
- Quick and easy to use.
- Precision billet aluminum base.
- Can be easily field calibrated.

#52-50565.....



Dial Durometer and Tread Depth Gauge Set

- Includes Silver case.
- **Calibration test block included.**

#52-50556.....



Digital Durometer Tread Depth Gauge Set

- Includes Silver case.
- **Calibration test block included.**

#52-50557.....



TIRE MANAGEMENT



Checking header temps.



Infrared Laser Pyrometer

- Instant response, non-contact temps.
- To 600°F or °C.
- Back light for night use.
- Laser sighting for accuracy.
- Holds readings longer for easier use.



#52-50612.....



High Temp. Infrared Laser Pyrometer

- Reads to 1400°F.
- Laser sighted.
- Back light for night use.

#52-50615.....



Dual Function Infrared Laser Pyrometer With Tire Probe

- Use as a probe type pyro for tires OR a non-contact IR pyro.
- Accurate, fast response in either mode.
- 1400° range on IR, 500° range with tire probe.
 - °F or °C switchable.
- Includes tire probe and new Silver case.

#52-50620



Comes with Silver case.

Basic Pyrometer

- Accurate, fast response.
- Straight cord tire probe.
- 1400° range. (With proper probe.)
- °F or °C switchable.
- Less carrying case.

#52-50635
Economy model.....



Skin Packed



Deluxe Digital Tire Pyrometer

- Accurate, **SUPER-FAST RESPONSE** electronics.
- Low battery indicator and auto shut-off.
- 2000° Range. (Tire probe max 500° – see optional brake/surface probe on page 47.)
- Coil cord tire probe and carrying case.
- °F or °C switchable.
- Can hold highest temp reached.
- Compares one temp to another with the push of a button.

#52-50640 Pyrometer, tire probe, Silver case.....

Tire Temp Charts

- 2 Tire temps on front, chassis setup sheets on back.

#52-22528 Tire temps – 1 pad of 50 sheets



Memory Tire Pyrometer on a Tablet

NEW!



Large High Resolution 7" display shows all 12 temps at the same time.

Memory for 100 sets of temps can be scrolled up or down to compare with current temps. Includes a lightweight clipboard to hold the tablet and wireless probe.

- Ultra fast response for quick temps – **OR** – use the exclusive **Anticipation Mode** that uses a precision algorithm to predict the ultimate temperature. Makes taking all 12 temps even faster and more accurate.
 - Computes tire temperature averages.
 - Fast response tire probe with adjustable tip length.
 - Comes with Silver carrying case.
- Comes with a 7" tablet – **OR** – use the tablet from your scales (or even a Smartphone). Just download the free app. (Clipboard shown above may not hold a Smartphone.)



#52-50745
Comes with clipboard and Silver case – tablet or Smartphone not included.

#52-50650
Including 7" high resolution color tablet.

TIRE MANAGEMENT



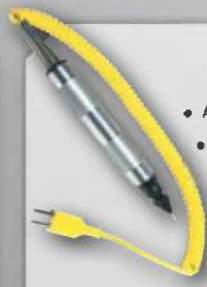
NEW!

Pyrometer And Clipboard

Single display tire pyrometer (see page 46).

- A convenient way to take tire temps.
- **Super Fast Response** meter, coiled cord probe.

#52-50642.....



Adjustable Tire Pyrometer Probe

- Adjust the probe depth to your preference or type of tire.
- Works with any current or recent **Longacre®** pyrometer.
 - 500° max temp.

#52-50750.....

Standard Tire Probe (not shown)

#52-50730.....

#52-50740..... Brake/surface probe

AccuTech® Stepper Motor Gauges

The next generation in instrumentation. Mount the sensor on the manifold.



#52-46540
OP 0-100 psi...



#52-46535
FP 0-15 psi...



#52-46545
WT 100°-280°...



#52-46553
OT 100°-340°...



#52-46555
Volt 8-18 V...⁴

Sensors are included with all gauges

See page 50 for spares.

'Stepper Motor' Racing Gauges



Stepper motor gauges use a small electronic motor that only turns in tiny fractions of a rotation to drive the pointer. Many professional race teams – NASCAR®, etc. – are switching to this style of gauge in all their cars.

- **Built-in Warning Lights – Ultra Bright 2 stage LED** 2 setpoints are easily adjusted to your needs (critical oil press has 3 setpoints). For example set water temp for just above normal running temp (if you run 215° set it at 230°). Above that the LED comes on to let you know the motor is starting to get warm. Set the second one at the max temp your engine can tolerate (for example 250°). At this point the LED flashes to attract your attention, possibly saving motor damage.

Since oil pressure is so critical it has 3 set points. You can set the first just below normal running pressure (say normal is 60 psi set it at 50 psi – no damage there). At this point the LED comes on. Set the second at 35 psi. The LED flashes – you need to know here, possible damage. Set the third at 20 psi. Engine damage is likely here. At this third setpoint the LED continues to flash **PLUS the gauge backlight changes color and starts to flash.** It's hard to miss this – day or night. It allows you to get the engine shut down before it blows up, saving you

- Gauges are 2-3/8" and have a lightweight molded polycarbonate/ABS case.

- An **electronic sensor** (included) is installed on the motor to drive the gauge – **no oil or fuel in the driver's compartment for safety.**
- **Thru-the-dial LED backlights** and an illuminated pointer make these easy to read at any speed.
- **"Presentation" at turn-on** Gauges go thru a self test. Pointers swing full scale and all LEDs come on.
- **Quick and simple to install.** Connect power wires and ground to your car. Install the sensors on the motor, connect the sensor wire, and you're done.

All New AccuTech® SPORTSMAN™ Gauges

Quality Built Mechanical Racing Gauges

- Viscous damped pointers for steady readings.
- Solid brass CNC machined gears.
- Sharp looking graphics.
- Gauges come complete with back lights, temp manifold fittings and brackets.



#52-46511
Oil Pressure 0-100 psi...



#52-46506
Fuel Pressure 0-15 psi...



#52-46516
Water Temp. 100°-280°...



#52-46521
Oil Temp. 100°-340°...

Weather Resistant SPORTSMAN™ Gauges

- Silicone sealed to resist moisture (don't direct pressure wash).

- #52-46509FP 0-15 psi
- #52-46514OP 0-100 psi
- #52-46519WT 100°-280°
- #52-46524OT 100°-340°



Memory Tach Panels And Tachs

AccuTech™ "Stepper Motor" Memory Tachs

What is this? - "Stepper motor" tachs use a small electric motor to drive the pointer. It is more precise than the more common 'aircore' instruments whose accuracy can be affected by the windings. Many professional race teams - **NASCAR®**, etc. - are switching to this style of gauge and tach for the improved accuracy.

SMi™ AccuTech® 4-1/2" Memory Tach

- **Maximum RPM recall** - Just push the Recall button.
- **High RPM Warning light - 2 stage** - First warning can be set for just over your normal maximum RPM, the second stage at the redline. You get a warning of too many revs before you blow an engine. Can also be used as a 2 stage shift light.
- **LED back light** - Back light shows thru the dial face PLUS the pointer is LED illuminated to make this the easiest tach to read - and super sharp looking too.
- Stepper motor precision tach at an affordable price.

#52-44384 Tach only



#52-44477 Tach with panel.....



AccuTech™ Silver Face SMi™ Stepper Motor Memory Tachs

- Much more accurate than traditional 'air core' tachs.
- Recalls max RPM with one button.
- 4-1/2" LED backlit face.
- High RPM warning light to help prevent over-revving expensive motors.



#52-44381 Tach only

#52-44389 Tach with panel

DLi™ Data Logging 4" Stepper Motor Tach

What is this? - This DLi tach records RPM 10 times every second and plays back the in the paddock - one lap or up to an hour. The super accurate Stepper Motor movement shows you how low the RPM goes in the turns (change gears or downshift?), how quickly RPM goes up on the straight (shiftpoint?), the highest RPM reached, and how the RPM pattern changes as you run more laps. The timer even lets you know where these events happen on the track.

This is valuable information that will help you improve your car's performance.

This DLi tach bridges the gap between basic recall tachs and expensive full data logging systems.



DLi™ Tach - better than only 3 or 4 highs and lows.

- See ALL the highs, ALL the lows (to closely analyze RPM changes).
- Records RPM all around the track. Replay in the pits.
- Play-back can be real time, 1/2 speed, or double (to see a full lap quickly).
- You can record multiple sessions - OR - just highest RPM if that's all you need.
- And there's a multi-stage progressive shift light for precision shift points - OR - a pit road speed indicator.
- The 2 stage High RPM warning light will help prevent over-revving expensive motors.
- **Weatherproof case.**

The numbers are LED backlit and the pointer is illuminated for easy reading.

#52-44390 Tach only

#52-44479 Tach with panel.....



AccuTech™ Digital Memory Tach

This tach is reasonably water resistant but should be covered or removed before pressure washing car.



Includes mounting bracket - also helps protect tach from damage.

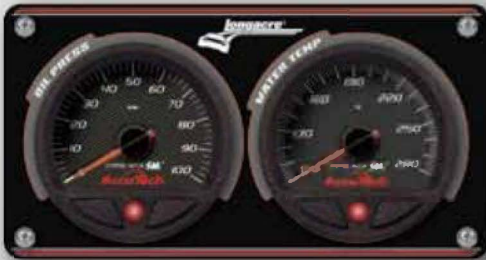
- **State-of-the-art electronics give you accuracy to within 10 RPM.**
- Ultra Lightweight - only about 1-1/2 ozs.
- High RPM warning light - helps prevent accidental over revving of expensive motors.
- Tach function is self-powered (battery lasts 300+ hours), Optional: connect to car's power for back light and warning light.

#52-44391 0 - 10,000 RPM.....

#52-44402 0 - 19,000 RPM.....

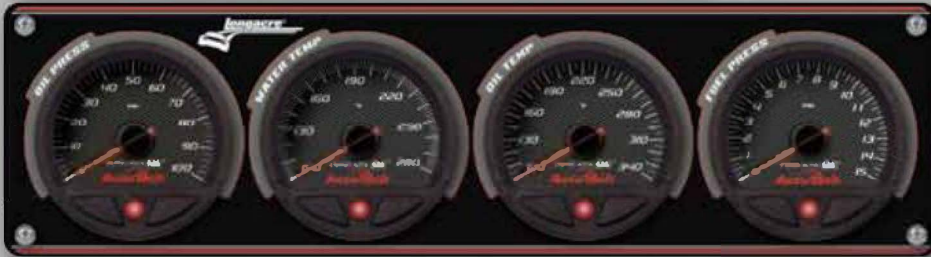
New SMi™ Black Aluminum Panels

New SMi™ Stepper Motor Gauges In Black Aluminum Panels



- Gauges have built-in multi-stage warning lights – set to your preference.
- Numbers and pointer are LED backlit for easy viewing, day or night.
- Panels are completely wired, ready to install. Just connect 4 wires to your car.
- All sensors included – mount on the motor – no fuel or hot oil in driver's compartment.

- #52-44460 2 gauge – OP, WT.....
- #52-44461 3 gauge – OP, WT, OT.....
- #52-44463 3 gauge – OP, WT, FP-15 PSI.....
- #52-44465 3 gauge – OP, WT, FP-100 PSI.....
- #52-44467 4 gauge – OP, WT, OT, FP-15 PSI.....



Pre-wired – ready to install. Saves time and hassle.

Panels are also available with 100 PSI Fuel Pressure and Volt meter gauges. Please call for part numbers and pricing.

Firewall Mount Manifold For SMi™ Pressure Gauge Sensors

- Rather than buying pressure sensors for every motor, mount this manifold on the firewall, install the sensors, and run a braided line from the motor. See page 52 for braided lines with fittings. NOTE: Temp sensors must be mounted on the motor.

#52-43541 Manifold only for oil and/or fuel pressure.....



Additional Manifold Spare Motor Fittings For Temp Gauges

For AccuTech® (SPORTSMAN™ and SMi™) and most other major brands of temp gauges – water and oil.



- #52-46150 #52-46160 #52-46181
- #52-46150 ½" NPT manif. fitting.....
- #52-46160 ¾" NPT manif. fitting.....
- #52-46181 ¼" NPT manif. fitting.....

Extra SMi™ sensors for your spare motors

(Sensors are included with all panels.)

- #52-43520 0-100 psi oil or fuel press.
- #52-43510 0-15 psi fuel press.....
- #52-43500 100-280° water or oil temp.
- #52-43505 100-340° water or oil temp. *Must be mounted on motor.



New SMi™ Black Aluminum Tach Panels

New SMi™ Stepper Motor Gauges In Black Aluminum Panels With SMi™ Stepper Motor Memory Tachs

- All gauges and tachs have multi-stage built-in warning lights – easily set by user.
- Electronic sensors mount on motor – no fuel or hot oil in driver's compartment.
- Pre-wired, includes all sensors, ready to install.
- All gauges and tachs are LED backlit for best viewability.
- See below for panels with weather resistant gauges.

#52-44470 2 gauge – OP,

#52-44471..... 3 gauge – OP,

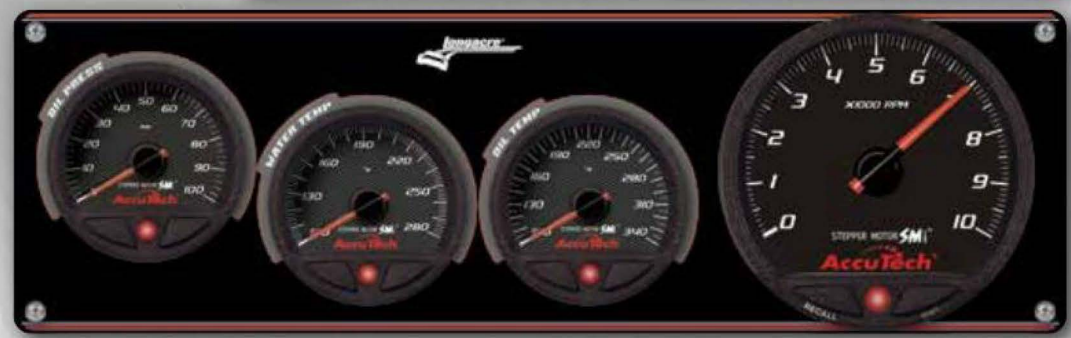
#52-44473..... 3 gauge – OP, WT, FP-15 PSI

#52-44475..... 4 gauge – OP, WT, OT, FP-15 PSI

Firewall Mount Manifold For SMi™ Pressure Gauge Sensors

#52-43541

(Oil and/or fuel pressure – holds 2.)



All Panels Available With DLi™ Data Logging Tach

- See all the highs, all the lows, and everything in between.

See page 49 for tach details.

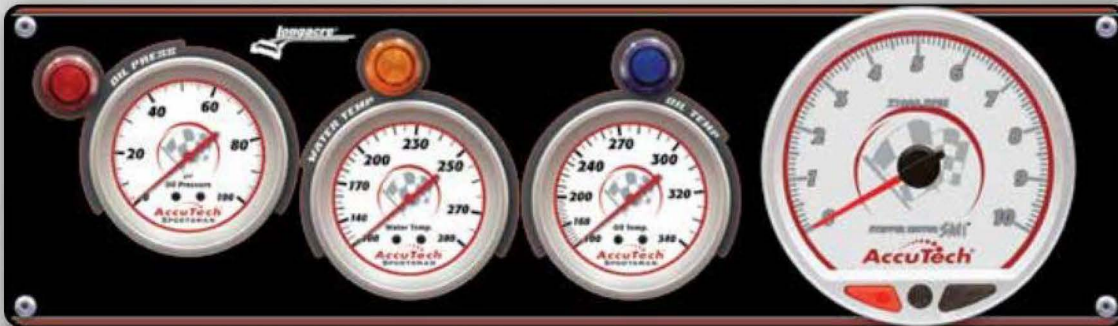
GAUGES, TACHS, PANELS, & ELECTRICAL

New SPORTSMAN™ Black Aluminum Tach Panels



Cool New SPORTSMAN™ Mechanical Gauges In Black Aluminum Panels With SMi™ Stepper Motor Memory Tachs

- **Maximum RPM recall** – Just push the Recall button.
- **High RPM Warning light** – Helps prevent over-revving expensive motors.



- **Tach has LED back light** – shows thru the dial face PLUS the pointer is LED illuminated.
- **SPORTSMAN™ gauges** are pre-wired and come with warning lights and all senders.

#52-44440.....2 gauge
OP, WT

#52-44441.....3 gauge
OP, WT, OT.....

#52-44443.....3 gauge
OP, WT, FP

#52-44445.....4 gauge
OP, WT, OT, FP....



#52-45240



#52-45230

Block Fittings For OP And FP Gauges

#52-45240 1/8" NPT to #4 AN Straight Oil Pressure Block Fitting.....

#52-45230 1/8" NPT to #4 AN 90° Oil Pressure Block Fitting...

Steel Braided Gauge Lines

- SS braided Teflon lines.
- Can be removed and replaced over again without breaking or leaking.

#52-45020, 24" w/ block fitting #52-45040, 48" w/ block fitting

#52-45030, 36" w/ block fitting #52-45050, 60" w/ block fitting



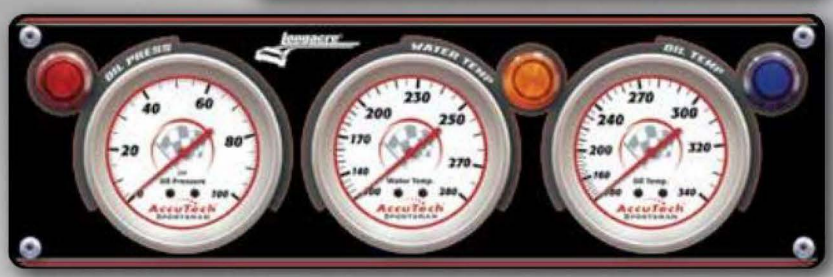
New SPORTSMAN™ Black Aluminum Panels

New SPORTSMAN™ Mechanical Gauges In Black Aluminum Panels

- Gauges have sharp looking new graphics.
- Gauges have viscous-damped pointers for steady readings.
- Gauge mechanism uses solid brass CNC machined gears.
- Panels are pre-wired, ready to install, and have all senders.

- #52-44430 2 gauge – OP, WT
- #52-44431 3 gauge – OP, WT, OT
- #52-44433 3 gauge – OP, WT, FP
- #52-44435 4 gauge – OP, WT, OT, FP....

Wiring is premium fine strand with high temp silicone insulation, soldered and heat shrink terminals.



New Econo Black Aluminum Panel

- SPORTSMAN™ mechanical gauges. (See style above.)
- Pre-wired with OP warning light only.

- #52-44429, 2 gauge – OP, WT

Additional Temp Gauge Manifold Fittings – Spare Motor

(Included with gauges and panels.)

For AccuTech® (SPORTSMAN™ and SMi) and most other major brands of temp gauges – water and oil.

- #52-46150 ½" NPT manif. fitting
- #52-46160 ¾" NPT



- #52-46181 ¼" NPT



NASCAR® Xfinity® Series. Photo courtesy of JR Motorsports and Harold Hinson Photography.

GAUGES, TACHS, PANELS, & ELECTRICAL

Brake Pressure Panels And Gauges



(not backlit)

Mini Brake Balance - Black Aluminum Panel - Liquid Filled

- Panel includes two 1-1/2" 1500 psi gauges and fittings with bleeders.

#52-44124.....

Brake Balance Black Aluminum Panel - Full Size Liquid Filled

- See exactly what your balance is.
- Panel includes two 2-1/2" 1500 psi gauges and fittings with bleeders.
- Gauges are not filled to the top.

#52-44134.....



(not backlit)

See page 73 for Quick Check Brake Pressure Gauge.



Sprint Car Panel (Designed To Stay With Motor)

- Ultra lightweight weather resistant aluminum gauges with shock reducing rubber mounting "O" rings and GENUINE CARBON FIBER PANEL.
- Includes mag kill switch and low oil pressure warning light (9 volt battery powered) - #52-44423 only.
- Mounts from engine side of firewall, attach with Dzus™ fasteners - OR - permanently mount.



#52-44423.....

#52-44421 Without light/switch.....



#52-44421



Genuine Carbon Fiber Switch Panels

- High capacity 40 amp switches (at 12 volts) with rubber switch boots to seal out moisture.
- Red safety flip-up switch covers.
- High insulation wiring with soldered terminals.

#52-44510 Ignition switch and start button.....

#52-44535 Ignition switch and start button + two accessory switches with pilot lights.....



Heavy Duty Wiring Harness

- Plugs into all Longacre® switch panels.
- Color coded wires match Longacre® dash panels.
- Saves time, hassle and confusion.

#52-44930.....



Bolt-On Switch Panel Mounting Brackets

- Mount your switch panel quickly and easily. (Switch panels only, not for battery disconnect or gauge panels.)
- Includes 2 brackets.

#52-22783 1-3/4" bar - universal

#52-22787 1-1/2" bar - universal (Earlier panels may require minor modification.)

New Black Aluminum Switch Panels



Start/ign. Panel
• Weatherproof ignition switch cover, less pilot light.

#52-44861... [View Product](#)

Start/ign. Panel With Flip-Up Safety Cover & Pilot Light

#52-44863... [View Product](#)



All our switch panels use 12 Volt HD 40 amp ignition switches, HD start buttons, and high capacity wire with soldered and heat-shrunk terminals. They are pre-wired and ready to install.

Most of these switch panels include an optional weatherproof switch cover if you prefer that style. Easy to change.



You can mount these panels using bolt-on brackets - see below.



Start/ign. Panel With Flip-Up Safety Cover, 1 Acc. Switch & Pilot Lights

#52-44866

Start/ign. Panel With Flip-Up Safety Cover, 2 Acc. Switches & Pilot Lights

#52-44867



Start/ign. Panel With Flip-Up Safety Cover, 4 Acc. Switches & Pilot Lights

#52-44869... [View Product](#)



Start/ign./ Master Disconnect Panel With Flip-Up Safety Cover & Pilot Light

#52-44871... [View Product](#)

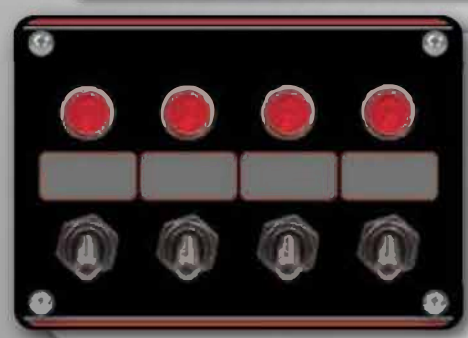


Battery Disconnect Panel

#52-45760 Switch 2 Post. [View Product](#)

#52-45784 Switch 4 Post Altn. [View Product](#)

(See others on page 57.)



Panel With 4 Acc. Switches & Pilot Lights

#52-44865... [View Product](#)

GAUGES, TACHS, PANELS, & ELECTRICAL

Heavy Duty 40 Amp Switches (at 12 volts)

- Silver plated contacts.
- Solid brass mechanisms.
- Tough phenolic bodies.



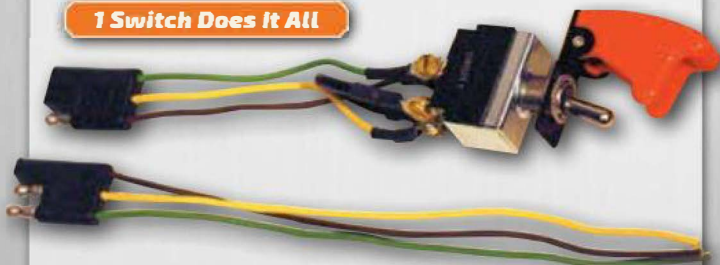
Ignition Switch

- With silicone rubber weatherproof switch cover and 2 terminals.

- #52-45420 Switch, cover, terminals.....
- #52-45423 Weatherproof switch.....
- #52-45430 3 terminal switch.....
- #52-45462 Momentary toggle START.....

Ignition/Start Switch Combination

1 Switch Does It All



- **DOWN** is off. • **MIDDLE** is ignition on. • **UP** is momentary start.
- Pre-wired with color coded harness and flip-up switch cover.

- #52-45490.....

Heavy Duty Starter Solenoid Kit **With Firewall Starter Button**

- High capacity extra heavy duty metal cased solenoid, wiring harness, remote starter button.
- Remote start button is great for setting valves, etc.



- #52-45800 Complete kit.....
- #52-45803 Complete kit with weatherproof start button.....
- #52-45900 Solenoid only.....



Ignition Switch With Flip-Up Cover

- Shut off quickly in an emergency – like a stuck throttle.
- Prevents accidental turn on of ignition.

- #52-45470 HD switch, safety cover, terminals

Starter Button

- Weatherproof rubber cover and 2 terminals.



- #52-45460 Push button
- #52-45462 Momentary TOGGLE START switch. (Below – with cover.)

Replacement Switch Covers

- #52-45300 Black weatherproof cover
- #52-45370 Red flip-up safety cover



Magneto Switch

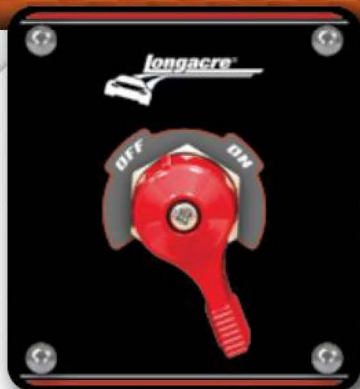
- 2 circuits that kill mag and shut-off accessories.
- Weatherproof cover.



- #52-45440 Switch and cover.....



ThorSports #13
Camping World Truck Series.



Anodized Panels With Battery Disconnect Switches

- Battery disconnect switches with a bright red handle.
- Easier to find in an emergency.
- Prevents battery drain.
- 175 Amp Continuous Rating, 6-36 volt, 1000 Amps peak **alternator circuit 20 amps.** (Except #52-45782 at right – 125 amps.)

- #52-45760 2 terminal for cars without alternator in aluminum panel
- #52-45784 4 terminal for cars with or without alternator in aluminum panel (**alternator circuit 20 amps**)
- #52-45783 4 terminal EXTRA HI CAPACITY – (**alternator circuit 125 amps**) with panel



Push-pull battery switch.

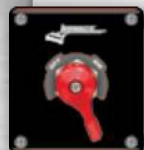
Switches Only

- #52-45750 2 terminal for cars without alternator (**switch only**)
- #52-45780 4 terminal for cars with or without alternator – (**switch only**) (**alternator circuit 20 amps MAX**)
- #52-45749 2 terminal push-pull (**switch only**)
- #52-45748 Economy Battery Disconnect Switch (**switch only**)
- #52-45782 4 terminal, EXTRA HI CAPACITY – Alternator circuit carries 125 amps, battery circuit 175 amps cont. (**switch only**)

Check your alternator for correct switch.

Weatherproof Switches –

Sealed With A Tough Polymer Coating.



Low cost insurance – no annual premiums.

(Weatherproof switch covers included on #52-45423 & #52-45466.)

- #52-45754 Battery disconnect, weatherproof 2 terminal **with panel** (see #52-45760 above)
- #52-45792 Battery disconnect, weatherproof 4 terminal **with panel** (**alternator 20 amps MAX**) (see #52-45784 above)
- #52-45791 EXTRA HI CAPACITY weatherproof 4 terminal **with panel** (see #52-45782 above)
- #52-45423 HD 40 amp ignition switch
- #52-45466 Starter button
- #52-45753 Battery disconnect 2 terminal
- #52-45788 Battery disconnect 4 terminal (**alternator 20 amps MAX**)
- #52-45789 EXTRA HI CAPACITY battery disconnect 4 terminal (see #52-45782 above)

Battery Jumper Posts

- Makes it easier to jump start or charge the battery.
- Color coded protective boot.

- #52-45720 Red, positive
- #52-45740 Black, negative



Battery Cable Ends

- #52-45660



Battery Thru Panel

- For safely running battery cable thru your firewall.
- Prevents shorts.

- #52-45700

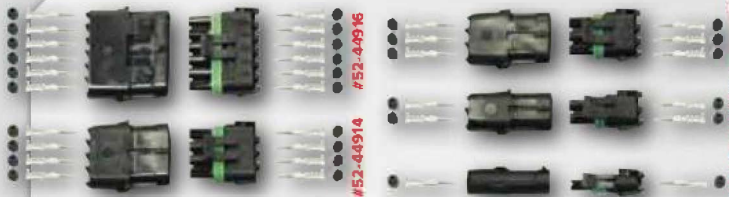


Universal Battery Terminal

- #52-45680



GAUGES, TACHS, PANELS, & ELECTRICAL



Weather Pack Connector Kits

- Wire like the Pro's. • Seals out dirt and water.
- Everything you need is included, plus an extra pin just in case.

| | |
|----------------------|-----------------------|
| #52-44911 1 pin..... | #52-44914 4 pin |
| #52-44912 2 pin..... | #52-44916 6 pin..... |
| #52-44913 3 pin..... | #52-44919 9 pin..... |

Weather Pack Replacement M/F Pins & Seals (10 each).....

Weather Pack Crimp Tool With Crimp Dies

- Use with Weather Pack connector kits.
- Ratchet style crimper insures a positive connection.
- Fast and easy.

#52-44905.....



Pin Extraction Tool

- Required for safe removal of pins from Weather Pack housing.

#52-44909.....



Deluxe Battery Cable Kit

- Includes solenoid and battery disconnect switch.
- Ends are factory soldered for quick, simple installation.
- Includes ground cable and all cables from battery to switch.
- Starter cable heat protected with Firebraided™.



#52-48115.....

Rear Battery Cable Kit

- Ends are factory soldered – and include an extra terminal just in case you need to change the length.
- Kit includes high amp battery cable, end terminals, color coded terminal boots to prevent arcing, Firebraided™ insulation, firewall grommet, Adel™ clamps and wire ties.
- The longer your battery cables are, the heavier gauge they need to be.



#52-48050 13' 1/0 cable, battery behind differential.....

#52-48000 10' #2 cable, battery behind driver.....

Universal Battery Terminal

#52-45680.....



Adel™ Line Clamps

- High temperature neoprene lining, makes a neat and safe installation.
- Keeps lines and wiring where they belong.

#52-47000 3/16" ID steel brake lines Pack of 10.....

#52-47050 Box of 100.....

#52-47100 5/16" ID #4 AN lines Pack of 10.....

#52-47150 Box of 100.....

#52-47200 3/16" ID fuel line Pack of 10.....

#52-47250 Box of 100.....

#52-47300 13/16" ID #8 AN line Pack of 10.....

#52-47350 Box of 100.....

#52-47400 19/16" ID #10 & 12 lines Pack of 10.....

#52-47450 Box of 100.....

#52-47500 1-3/16" ID #16 AN lines Pack of 10.....



110V Flange Mount Connection

- Great for dry sump oil heaters.

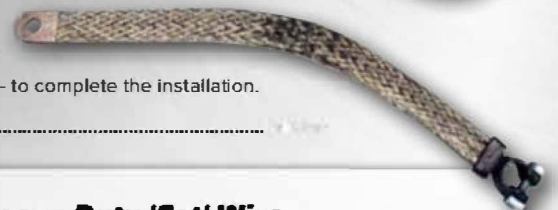
#52-45662.....



Heavy Duty Ground Strap

- Braided – 14" long – to complete the installation.

#52-48110.....



16 Gauge Heavy Duty 'Fat' Wire With High Temp Silicone Insulation

- This is premium fine stranded wire with thick high temp insulation.
- 15 ft. rolls in 4 colors to color code.

#52-44956 Red..... #52-44957 Black.....

#52-44959 Yellow..... #52-44958 Orange.....



GAGELITES™ Engine Warning Light Systems

• Kit includes sender, light, wire, and terminals.

| | Complete Kit | Sender Only |
|--------------------------|---------------------|--------------------|
| Oil Pressure | | |
| 20 psi OP 1/8" NPT | #52-40000..... | #52-43080..... |
| 15-50 psi OP 1/8" NPT | #52-40100..... | #52-43000..... |
| Water Temperature | | |
| 230° WT 1/2" NPT | #52-40150..... | #52-43250..... |
| 230° WT 3/8" NPT | #52-40152..... | #52-43252..... |
| 250° WT 1/2" NPT | ..... | #52-43300..... |
| Oil Temperature | | |
| 270° OT 1/2" NPT | #52-40350..... | #52-43350..... |
| 300° OT 3/8" NPT | #52-40400..... | #52-43400..... |
| Fuel Pressure | | |
| 2-7 psi adj. FP 1/8" NPT | #52-40250..... | #52-43020..... |
| 4 psi FP 1/8" NPT | #52-40251..... | #52-43021..... |



Water Pressure Warning Light Kit

Light comes on if you have sudden loss of coolant pressure.

- Alerts you to a punctured radiator or burst hose, helps prevent expensive engine damage.

| | |
|------------------------------|-------|
| #52-40141..... | ..... |
| #52-43241 (sender only)..... | ..... |



Replacement Light Assemblies

New Brighter Design Same As On Panels - (install in 3/4" hole)

| | | |
|-----------|------------|-------|
| #52-41801 | Clear..... | ..... |
| #52-41802 | Red..... | ..... |
| #52-41803 | Amber..... | ..... |
| #52-41804 | Green..... | ..... |
| #52-41805 | Blue..... | ..... |



Low Oil Pressure Warning Light Kit

For Cars Without Batteries

- Includes holder for lightweight 9V battery (not included), low oil pressure switch (20 psi), warning light, heavy duty mag kill switch with weatherproof switch cover, wire and terminals.

| | | |
|-----------|-----------------------------------|-------|
| #52-45624 | Kit with weatherproof switch..... | |
|-----------|-----------------------------------|-------|

(See page 57 for switch details.)

Switch Panel Pilot Light Replacement

| | | |
|-----------|--------------|-------|
| #52-42300 | 12V Red..... | |
|-----------|--------------|-------|



Low Oil Pressure Ignition Or Electric Fuel Pump Shutoff Switch

- Switch shuts off the ignition or electric fuel pump when oil pressure drops below 12 psi.
- Helps prevent engine damage or fire and keeps the motor from starting until the oil pressure is up.
- Should be used with momentary bypass switch for starting.



| | |
|----------------|------------------------------|
| #52-43600..... | ..... |
| #52-45462 | Momentary bypass switch..... |

GAUGES, TACHS, PANELS, & ELECTRICAL

Digital Air Density Gauge

Keep Your Motor Running At Its Peak.

- Accurate **electronic air density measurement** with easy-to-read digital display.
- Shows your **baseline** so you don't forget.
- A **red LED** flashes to let you know if you need to change jets (air density has changed since baseline).
- Also displays current **temp** and **barometric pressure**.

#52-50887

Air density or RAD (relative air density) is used as a valuable tuning tool to keep your jetting at its optimum.

To use this gauge get a box of spark plugs and work on your jetting, reading the plugs as you go. When you get the motor just where you want it, record the air density by pushing the ON button and holding for 3 seconds.

Later – this could be later today, tomorrow, next week, or next month – if the air density changes – and it will – you will instantly know how much to re-jet to keep that peak performance.

A good rule-of-thumb for a Holley® carb is one jet size for each 3% change in air density.



Temperature and barometric pressure.

Comes with Silver case.

Baseline air density and difference.



Coil-Over Wrench Billet Aluminum

- Billet aluminum keeps coil-overs undamaged.
- Replaceable stainless steel pin.
- Comfortable handle with rounded edges makes adjustments easy.

#52-22589

Longacre® Track Mat



Thicker, High Density Padding For More Comfort.

Other track mats use foam that is too soft and a vinyl covering that won't stand up to years of use. **Longacre's** Track Mat is more comfortable to use and will last and last.

- Makes work under the car more comfortable.
- Folds up for easy storage, thick vinyl for durability.
- Dirt and oil resistant for quick clean-up.

#52-11175

#52-11180 Set of 2 track mats.....

Oil Filter Cutter

**Billet
Aluminum**

Cut your old filter open to spot problems before they cost you an engine.



- Billet anodized aluminum, ball bearings.
- CUTS SMALLER FILTERS TOO – from 2-3/8" – 5" in diameter.

#52-77750

Digital Leak Down Tester



Don't wait too long to rebuild that expensive motor. But don't do it too soon either.

- Much more accurate than traditional testers. **Reads critical leak down to .5% (1/2 of 1%).**
- Gauges have back lights for easy readability and low battery indicators.
- 14 mm spark plug connector included (12 mm and barrel valve available.)
- Control inlet valve avoids shock to gauges when air is turned on, allowing more accurate readings, easier use, and longer gauge life.

- #52-73014 Includes Silver carrying case.....
- #52-73015 With 12 mm fitting.....

Dial-Type Engine Leak Down Tester

- Easy-to-use tester checks ring seal, valves, even head gaskets.
- Quickly tell – from the outside – when your engine needs an overhaul.

- #52-73010 With 14 mm spark plug fitting.....
- #52-73011 With 12 mm spark plug fitting.....
- #52-73012 14 mm replacement hose for Leak Down Tester.....
- #52-73013 12 mm replacement hose for Leak Down Tester.....

Digital Shock Inflators



Easy to read, quick and easy to use with controlled flow valves.



Includes Silver carrying case.

NEW – 300 psi Digital gauge, easily reads to .5 psi

EXCLUSIVE Feature: Controlled flow inlet and bleed valves makes precision shock settings much easier.

- Special chuck prevents pressure loss and inaccurate settings.
- Extra long hose makes filling shocks on car a snap.
- Fill and bleed quickly and accurately.
- Inlet valve prevents air contamination when not in use, connect directly to nitrogen line.

- #52-50473 0-300 psi.....



Barrel Valve Setting Tool

- Has a #6 AN fitting. Set your barrel valves quickly and accurately.

- #52-73016.....
- #52-73017 Hose only with #6 AN fitting.....



NEW!

DUAL GAUGES FOR ACCURACY

Basic Digital Shock Inflator

- Reads to 300 psi by .5 psi units.
- Special chuck prevents pressure loss.

- #52-50483 Digital Shock Inflator.....



Basic Dial Model Shock Inflator

- Compact, dial gauge reads to 300 psi by 5 psi, with rubber bumper.

- #52-50493.....Basic Shock Inflator.....



SPECIALTY TOOLS



AccuLevel™ Digital Level Pro Model

- Back light for dark places under car.
- Measure suspension and spoiler angles.
- Includes Silver case. • Reads to .1° (1/10°) – from 0 to 90°.
- Simple to use, easy to read, accurate.
- Can be field calibrated to maintain accuracy.
- Used in our Digital Caster/Camber gauges.

Comes with Silver case.



#52-78311 AccuLevel™ Digital Level.....



AccuLevel™ Digital Level - Basic Model

- Measure suspension and spoiler angles. • Reads to .1° (1/10°) – from 0 to 90°.
- Simple to use, easy to read, accurate. • Can be field calibrated to maintain accuracy.

#52-78310 AccuLevel™ Digital Level.....



Digital Caliper

Here's a really handy must-have tool. Accurately measure all sorts of things around the shop.

Measure drill bits, bolts, sheet metal and tubing wall thickness, caster camber and bump steer shims, and lots more.

- A precision machinist's tool with all sorts of handy uses around the shop.
- Reads by .0005", accurate to .001, 0.0 to 6.000".
- Large easy-to-read digital display.
- Auto-off saves battery life, comes on automatically, doesn't need to be re-zeroed each time you use it.
- Includes padded case.

#52-73007.....



Safety Wire

- .032 stainless steel wire.

#52-22599....Packed



Analog Style Angle Finder

- Liquid Filled. • Ball bearing pivot.
- Bind free at any angle.
- Use for front & rear suspension, etc.

#52-50815.....



Plumb Bob Kit

- Square rear end.
- Lots of other uses.

#52-50820....



Safety Wire Pliers

- Ensures parts stay on your car.
- Quickly and neatly twists wire.
- A must for all high vibration locations.

#52-22598.....



Hot Sleeve

- Protects arms from burns while working around engine.
- Made of durable, heat-resistant Kevlar®.
- Will work on either right or left arm.
- Sleeve is washable.

#52-11230.....



Longacre® Pit Gloves

- Help protect your hands from injury and burns.
- hook and loop fastener™ wrist strap for snug fit.
- Synthetic leather palm and fingers for a good feel breathable top for comfort.

#52-11206 Small

#52-11209X-Large

#52-11208 Large

#52-11210 XX-Large



Cordless Pit Impact Gun

Save Time And Hassle

Cordless Pit Impact Gun

Plenty of power to pop off lug nuts with 24 volts.
True portability, no air hose to trip over.

New Features:

- **330 ft.-lbs. of torque**, 1/2" drive.
- Variable speed trigger.
- LED work lights.
- Battery charge indicator.
- Includes, battery(s), Fast Charger, and case.



Includes 1" deep lug nut socket and 2 HD extensions.



Replacement 24 volt battery
#52-68618



Fast charger 110 v. – #52-68620
Fast charger 220 v. – #52-M68620

- #52-68604 Impact gun with 2 batteries and Fast charger
- #52-68602 Impact gun with 1 battery and Fast charger...
- #52-68611 Set of 2 guns w/ 3 batteries and Fast charger
- #52-68618 Spare battery
- #52-68620 Replacement Fast charger
- #52-M68620 International 220V Fast charger

#52-68604
Gun, 2 batteries,
Fast charger, case.



#52-68602
Gun, 1 battery,
Fast charger, case.



Impact Pit Gun Sockets



12" Long Lug Nut Socket - For Deep Wheels

- Impact grade. • 6 point design is **easier on lug nuts.** • Spring pops out lug nuts.

Lug Nut Sockets - Impact Grade

- Tough impact sockets designed to instantly kick out the lug nuts on ultra fast pit stops.
- #52-68526 is CNC machined from SAE 4340 alloy billet and double heat treated for severe service.

- #52-68526 Deep impact socket – 4340 billet
- #52-68525 Short impact socket – 4340 billet
- #52-68524 6 point deep impact socket
(For regular use in pits, spring pop out nuts – 6 point design is easier on nuts.)



12 point design
kicks out
lug nuts.



#52-68526



#52-68524



#52-68525

SPECIALTY TOOLS

Aluminum Spokes With Smooth Grip

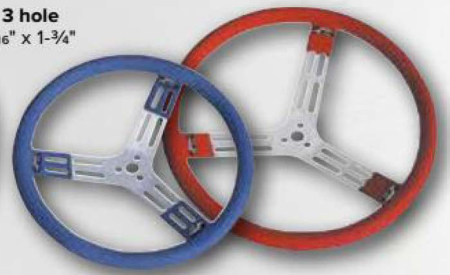
These wheels have a high grip polyurethane coating.

- #52-56801 15" Black – Smooth grip – dished (2.75")...
- #52-56803 15" Blue – Smooth grip – dished (2.75").....
- #52-56805 15" Red – Smooth grip – dished (2.75").....
- #52-56811 17" Black – Smooth grip – dished (2.75")...
- #52-56813 17" Blue – Smooth grip – dished (2.75").....
- #52-56815 17" Red – Smooth grip – dished (2.75").....

(*Special close-out pricing on #52-56813 and #52-56815 – limited supply.)



3 hole
5/16" x 1-3/4"



3 hole
5/16" x 1-3/4"

"Fat" Grip Aluminum Wheel

- Thicker rim for a better grip and less wrist and arm strain – ideal size for long races.
- 15" dished aluminum wheel.

#52-56809 15" Black – Smooth grip – dished 2.75".....



Bump Grip Aluminum Spokes

- #52-56820 15" Black with bumps – dished – 2.75"....
- #52-56825 17" Black with bumps – dished – 2.75"....

New Suede Wrapped Steering Wheel

Sports car and open wheel road race



- Better grip and cushioning for improved steering control and comfort, ergonomic molded grips on rim.
- Premium quality hand sewn with CNC machined aluminum center.

- #52-56911 290 mm flat – 3 hole (5 mm x 44.0 mm circle).....
- #52-56913 320 mm flat – 3 hole (5 mm x 44.0 mm circle).....
- #52-56906 290 mm flat – blank.....
- #52-56908 320 mm flat – blank.....

Where steel wheels are required.

Some upper NASCAR® divisions require steel with no holes in spokes.

Steel Wheels

- #52-56841 15" Black Smooth grip – dished – 2.75" ...
- #52-56851 17" Black Smooth grip – dished – 2.75" ...



3 hole
5/16" x 1-3/4"

Precision Fit Splined Hub For Better Steering Control

SFI™ Approved

(FOR SUEDE WHEELS AT LEFT ONLY – these have a different mounting pattern see page 66 for others.)

Sports Car/road race:
Yellow release ring per FIA™, SFI™ approved
3 hole 5 mm x 44.0 mm

#52-56610.....



Kart Steering Wheels

- 13" or 14" diameter.
- Lightweight aluminum.
- 14" wheels are uncoated and shot peened for good grip.

- #52-56830 13" Black dished – 2.75"....
- #52-56834 Ultra light 14" Uncoated Aluminum – shot peened
- #52-56835 Ultra light 14" DRILLED Uncoated Aluminum



Suede Wheel For Karts

- Suede gives good grip to reduce arm and wrist strain.
- These are flat – not dished – and have 3 hole 5/16" x 1-3/4".

- #52-56826 11.5".....
- #52-56829 13".....



Pro Aluminum Wheels With Suede Wrapped Rim

NEW!



Suede gives you an excellent grip for better car control plus reduced wrist and arm strain during the race.

Lightweight – only 2.3 lbs.

Dirt Racers – these wheels can be easily cleaned.

This style of wheel is being used by many NASCAR® teams.

- 15" with 2.5" dish.
- Std. 3 bolt mounting (5/16" x 1-3/4").
- Center has CNC machined beveled edges.
- Red stripe on the rim at the top indicating 'straight ahead'.

#52-56797 Black center.....

#52-56800 Natural center.....

(Some of NASCAR® upper divisions require steel wheels with no holes in spokes.)



Race Car Steering Wheels

Ultra Lightweight Uncoated Aluminum Wheels



Drilled on 2 sides

Smooth

184 Holes CNC Drilled To Save Weight Count Them!

Only 1.25 lbs.



These Drilled Wheels Are Half The Weight Of Other Brands.

- These are drilled on 2 sides for additional weight savings. (Others brands are usually drilled only on 1 side.)
- Shot peened rim for good grip.
- Holes give even better grip.

DRILLED

- #52-56838 15" Uncoated BLACK – dished (2.5").....
- #52-56837 15" Uncoated ALUMINUM – dished (2.5").....
- #52-56867 15" Uncoated BLACK – flat.....
- #52-56866 15" Uncoated ALUMINUM – flat.....
- #52-56833 14" Uncoated BLACK – dished (2.5").....
- #52-56835 14" Uncoated ALUMINUM – dished (2.5").....

UNDRILLED

- #52-56836 15" Uncoated ALUMINUM – smooth – dished (2.5").....
- #52-56822 15" Uncoated ALUMINUM with BUMPS – dished (2.5").....
- #52-56834 14" Uncoated ALUMINUM – smooth – dished (2.5").....

STEERING WHEELS

Steering Wheel Accessories

All Hubs And Spuds Include A Second Safety Groove For Your Protection.

Precision Fit Splined QD Hub For Better Steering Control

Any play in the steering – including the hub – takes away control from the driver, letting the car 'wander around'. This Pro hub has a **precision machined 4130 spud** and a **T6 Hard Anodized** splined hub for a super tight fit, yet is easy to remove and install.

Plus, there are multiple sets of mounting holes so you can 'clock' your wheel 3 times closer.

For safety there are 2 sets of retaining grooves. If you don't get the ring engaged it will catch on the second safety groove rather than come off on the track. The steel spuds can be installed on either 3/4" or 5/8" shafts.

Splined hub – pull ring release with double safety grooves on weld-on SAE 4130 spud.

#52-56605 for 3/4" or 5/8" shaft (for 3 bolt 5/16" x 1-3/4" ONLY)

#52-56609 Similar to above but also SFI™ approved



Sprint Car:

Precision Splined hub and tapered spud for **KSE™** steering boxes. (Same hub as above.)



#52-56603.....



Steering Quick Disconnects

- Hex type.
- Weld to 3/4" or 5/8" (karts) steering shafts.
- Aluminum hub.
- Double safety grooves.

3 hole
5/16" x 1-3/4"

#52-56600 Hex hub – push button release.....

Precision Fit Splined Hub For Better Steering Control – SFI™ Approved

(For Sports Car & Road Race suede wheels only – different mount pattern.)

Any play in the steering – including the hub – takes away control from the driver, letting the car 'wander around'. This QD release has a **precision machined 4130 spud** and a **T6 Hard Anodized** splined hub for a super tight fit, yet is easy to remove and install. **Plus**, there are multiple sets of mounting holes, so you can 'clock' your wheel three times closer.

For safety there are two sets of retaining grooves, if you don't get the ring engaged, it will catch on the second safety groove rather than come off on the track.

The steel 'spuds' can be installed on 3/4", 5/8", or 1.0" shafts.

Splined hub – pull ring release with double safety grooves on weld-on SAE 4130 spud.

Sports Car/road race:

Yellow release ring per FIA™, SFI™ approved. **3 hole 5 mm x 44.0 mm.**

#52-56610.....

(for 3 hole
5 mm x
44.0 mm
ONLY)



Steering Wheel Spacer

Billet aluminum

#52-56703 3/4"

(To shorten your steering shaft so you can get out of the car easier use 2 or more of these spacers.)



Steering Wheel Alignment Indicator

- Put your steering wheel on exactly the same way each time.
- Bolts under steering wheel and onto the shaft.

#52-56700 for 3/4" shaft

#52-56702 for 1 1/2" shaft.....

Steering Wheel Hook

- Hang your wheel out of the way.
- Bolts on – no welding.

#52-22576

1-3/4"

#52-22577

1-1/2"

Nose Pad

- Required by most rules.
- Medium density, similar to **ProTecto™** roll bar padding.

#52-56899.....

Hi Density Steering Wheel Nose Pad

- Triangular shape improves safety and visibility of dash – see your gauges more easily.
- Uses material similar to our Hi Density roll bar padding for better protection.

#52-56890.....



HOT LAP™ GPS

GPS Triggered In-Car Timer

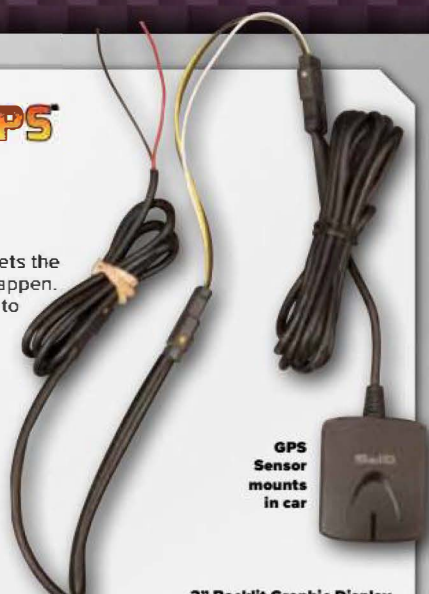
This all new **in-car timing** system lets the driver see their lap times as they happen. Try different lines around the track to instantly find the fastest way. The GPS replaces the IR beam. **Also see Track Mapping below.**

#52-21730



PLUS TRACK MAPPING

Divide the track into timed segments and see where you are fast and where you are losing time. **Call or go online for details.**

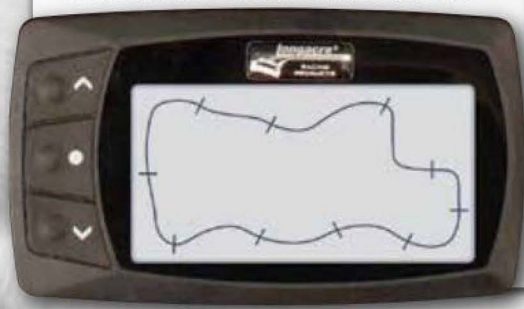


GPS Sensor mounts in car

3" Backlit Graphic Display



Recall segment times in pits and compare laps.



Stopwatches

Longacre® Memory Stopwatch

- Lap counter.
- 30 lap memory.
- Crisp one-button action.
- Comes with Silver case.

#52-22164
#52-22162 without case....



Robic™ SC 606W

- Clocks every lap.
- Computes average MPH.
- Counts laps to 999.
- 50 lap memory.

#52-22172

Robic™ SC 505

- Time every lap plus automatic lap count.
- 12 memory recall.
- One button action for simple timing.

#52-22168



NOTE: SC 848 has been discontinued by Robic™.

Stopwatch Clipboards

- Lightweight aluminum, won't break like plastic can.
- Professional color lap charts included w/ practice times on back.
- Powder coat finish with edge protectors.
- Rubber feet prevent sliding and protect car's finish.

2 Watch Economy Clipboard With Robic™ SC 505 Watches

- Times every lap, counts laps, has 5 lap memory.

#52-22324 With Robic™ SC 505.....

Clipboards With Robic™ SC 606 Watches

- These watches clock every lap, show average MPH, and have a 50 lap dual memory.

#52-22319 With 1 Robic™ SC 606..... #52-22321 With 2 Robic™ SC 606.....



Lap Times/Chassis Sheets

- Lap times, practice times on back.
- Chassis setup sheets, tire temps on back.
- Punched for 3 ring binder.
- 2 sided – get added use.

#52-22525 Lap times – 1 pad/50 sheets...

#52-22528 Chassis setup – 1 pad/50 sheets.....



Padded Storage Pouch

- Black vinyl outside, foam padding inside.
- Keeps clipboard and stopwatches clean and safe – a good investment.

#52-22390

Without watches

Clipboard Only

#52-22314.....
For "W" series Robic™ watches.

MISCELLANEOUS

Roll Bar Padding

ProTecto 180™ Medium Density Roll Bar Padding New 180° Design



| Color | Each |
|----------------------|-------|
| #52-65692 Black..... | |
| #52-65694 Blue..... | |
| #52-65696 Red.... | |

Ships more efficiently too – Costs less to ship a 20 piece case than 12 of old ProTecto™. Save some money!

Don't pad the back of your roll bars.

- Easier to install – use wire ties or tape.
- For 1 3/8" to 1-3/4" bars.
- 1 1/2" thick at top x 36".



Roll Bar Padding Kits

All the padding needed to do most cars – in a convenient package. You get a combination of Hi Density full size padding for around your head, Mini HD padding for posts where line-of-sight is important, and **NEW ProTecto 180™** for arm and leg protection.

Kit includes: 2) Full size Hi Density pad. 2) Mini Hi Density. 4) **NEW ProTecto 180™**.

#52-65135 Black.....

Trailer Hitch Bumper



Low cost insurance – no annual premiums.

OUCH

Save your knees and shins!

- Uses material similar to our Hi Density roll bar padding for good protection.
- Easy to install without removing the ball – takes less than 1 minute.
- Doesn't interfere with normal trailer use.
- Fits most hitches with no modification (many others w/ only slight modification).
- Held on with wire ties (included).

#52-65885.....



Door Bar Padding Mat

- Protect your left elbow, arm, hand and wrist.
- Made from fire resistant padding similar to our High Density roll bar padding but slightly softer.
- Saves you tons of time – no need to cut and fit several separate pieces.
- Mounts quickly with adjustable molded-in straps.
- Sharp looking too with a clean appearance and rounded edges.
- 39-½" x 16-½" x 1" thick.

#52-65130.....

**High Density Roll Bar Padding
In Regular And New "Mini" Size**



"Mini" padding

Regular size

All Longacre® HD padding is "pre taped" with adhesive to make installation easier.

- Provides maximum in energy absorption and flame retardation.
- Will not drip or melt in fire
- Self-adhesive (pre-taped) for a quick and clean installation.
- Used by many Sprint Cup™ and Nationwide Series™ teams.
- "Mini" padding has a streamlined shape to focus padding where you need it, improve sightlines and reduce blind spots. Plus it's lightweight with a sporty appearance.

- #52-65162 Regular Size – Black.....
- #52-65164 Regular Size – Blue.....
- #52-65166 Regular Size – Red.....
- #52-65182 "MINI" – Black.....
- #52-65183 "MINI" – Blue.....
- #52-65184 "MINI" – Red.....

**"SFI™" Approved Roll Bar Padding
Meets The New Tougher "SFI™" Standard**



- Provides maximum in energy absorption and flame retardation, will not drip or melt in a fire.
- Required in NHRA®, SCCA®, recommended in NASCAR®.
- Meets new SFI™ spec 45.1.
- Pre-taped for easy installation.
- Fits bars 1-½" to 1-¾" x 36" length.

#52-65169 Black.....

MISCELLANEOUS

Bolt – On Accessories – No Welding

Adjustable Brackets Mount At Multiple Angles – Easier To Install!



Drink Holder

- Large capacity insulated bottle with tube.
- Includes "bite valve" to avoid leaks from tube.
 - Bolts onto your roll bar – no welding required.
 - Powder coated with anodized bracket.

- #52-22551 1-3/4" bar.....
- #52-22553 1-1/2" bar.....
- #52-22556 Replacement bottle.....
- #52-22552 Replacement hose.....



Replacement Bite Valve

- #52-22559.....



Compact Radio Box

- For the latest small radios.
- 2 hook and loop fastener straps hold the radio securely in place.
- Internal padding to prevent damage.
- 3 sided for easy access.

#52-22560

1-3/4" bar.....

#52-22562

1-1/2" bar.....



Bolt-On Switch Panel Mounting Brackets

- Mount your switch panel quickly and easily.
- Includes 2 brackets.

#52-22783 1-3/4" bar – universal.....

#52-22787 1-1/2" bar – universal.....

Helmet Hook

- Protect your helmet.
- Bolts onto roll bar – no welding.
- Lightweight billet aluminum, black anodized.

#52-22570 1-3/4" bar.....

#52-22572 1-1/2" bar.....

COMING SOON: A new safer helmet hook. Flexible in a crash.



Penske® Shock Reservoir Bracket

- Quick, easy, neat mounting.
- Thicker – only 1 bracket needed.
- Prevents reservoir distortion.
- Lightweight billet aluminum.

#52-22764 1-3/4" bar.....



Universal Bracket

- Mount mirror, switch panel, etc.
- Lightweight aluminum.

#52-22755 1-3/4" bar short.....

#52-22757 1-1/2" bar short.....

Quick And Easy Installation

Won't Vibrate Loose!



Wide Angle Mirror Kits

14" Mirror Kit

with 1/2" - 2-1/2" Range Bolt-On Brackets.

#52-22534 1-3/4" #52-22535 1-1/2" bar ...



1/2" - 2-1/2"

17" Mirror Kit

With 1/2" - 2-1/2" Range Bolt-On Brackets.

#52-22530 1-3/4" #52-22531 1-1/2" bar...

14" Mirror Kit

with 2" - 5-1/2" Range Bolt-On Brackets

#52-22536 1-3/4" #52-22537 1-1/2" bar ..

17" Mirror Kit

with 2" - 5-1/2" Range Bolt-On Brackets

#52-22532 1-3/4" #52-22533 1-1/2" bar...

Mirror Only

#52-22544 14" #52-22547 17"



New design bracket:
More adjustment,
easier to install.

3-3/4" Spot Mirror - Bolts On

- Mounts on driver's or passenger's side.
- Adjusts easily.
- Bolts in place solidly.

#52-22548 3-3/4" Spot Mirror for 1-3/4" bar.....
#52-22549 3-3/4" Spot Mirror for 1-1/2" bar.....
#52-22550 3-3/4" Replacement Spot Mirror for #52-22548/49

Brackets Only

- No welding - bolts to your roll bars.
- Brackets CNC machined from billet aluminum.

#52-22538 1/2" to 2-1/2" for 1-3/4" bar.....
#52-22539 1/2" to 2-1/2" for 1-1/2" bar.....
#52-22540 2" to 5-1/2" for 1-3/4" bar.....
#52-22541 2" to 5-1/2" for 1-1/2" bar.....



Billet Rear End Breather

- No welding required.

#52-22564 1-3/4"
#52-22566 1-1/2"



Billet Rear End Breather Kit

- Includes vent, hardware and hose for a complete installation.
- Quick, professional, won't leak.
- Clamp-on design.

#52-22568 1-3/4" bar...
#52-22569 1-1/2" bar ...



MISCELLANEOUS



Steel Braided Brake Lines

- Stainless steel braided teflon line.
- 2500 psi working pressure.



AN Fittings Both Ends

- | | |
|--------------------|--------------------|
| #52-45120 16" #4AN | #52-45150 22" #4AN |
| #52-45123 16" #3AN | #52-45153 22" #3AN |
| #52-45140 18" #4AN | #52-45160 24" #4AN |
| #52-45143 18" #3AN | #52-45163 24" #3AN |

NOTE: NOT for street driven cars. Minimum bending radius 2".

Complete Brake Line Kit

- Includes 4 SS braided lines to go from the chassis to the wheels, an assortment of pre-flared bendable steel chassis lines, fittings, connectors, frame tabs, Adel™ clamps and wire ties. **(ORDER CALIPER FITTINGS SEPARATELY.)**

- | | |
|-----------------|-------|
| #52-45215 #3 AN | ..... |
| #52-45216 #4 AN | ..... |

NOTE: NOT FOR STREET DRIVEN CARS. Min. Bending Radius 2".

Caliper Fitting

- 1/8" NPT, #3 or #4 AN.
- Fits most popular models.

- | | |
|------------------|-------|
| #52-45240 #4 st | ..... |
| #52-45230 #4 90° | ..... |
| #52-45243 #3 st | ..... |
| #52-45233 #3 90° | ..... |



Long Leg Caliper Fitting

- 1/8" NPT 90° with #4 and long leg for extra clearance.

- | | |
|--|-------|
| #52-45220 #4 ... | ..... |
| #52-45230 7/16"-20 #4 AN 90°. (Fits GM single piston.) | ..... |
| #52-45250 | ..... |



Brake Line Frame Tab And Fittings

- #3 or 4 AN x 3/16" brake line, "bulkhead" style with jam nut for easy mounting.

- | | |
|-----------------------------------|-------|
| #52-45263 #3 Fitting only | ..... |
| #52-45273 #4 Fitting only | ..... |
| #52-45286 #3 fitting and tab | ..... |
| #52-45288 #4 fitting and tab | ..... |
| #52-45284 Frame tab only (4) | ..... |
| #52-45285 Frame tab bulk bag (10) | ..... |

Brake Balance Adjusters

Check your bias bar for size before ordering.

Deluxe Billet Aluminum Brake Balance Adjuster

- Frictionless polymer bearing mount – for easy, no-bind adjustments.
- Detents every 90° make precise adjustments easier. "Click" the exact change you want.
- NEW HD braided flex connector – shorter, virtually no 'wrap up'.
- 3/8" – 24 or 7/16" – 20 connector to your bias bar. (CHECK BEFORE ORDERING.)

- | | | | |
|---------------------|-------|----------------------|-------|
| #52-44108 3/8" – 24 | | #52-44109 7/16" – 20 | |
|---------------------|-------|----------------------|-------|

Basic Brake Balance Adjuster

- Friction free, no alignment bind.
- Easy turn knob for quick adjustments at speed.
- NEW HD non-twisting flex connector – resists wrap up.

- | | |
|---------------------|-------|
| #52-44107 3/8" – 24 | |
|---------------------|-------|

Turning radius can be adjusted or silver handle can be removed, leaving only red knob.

Small Turning radius – for tight spaces.



Large Turning radius – easier turning.



Rod can be shortened if needed.

Engine Hardware



Quick Check Brake Pressure Gauge

- Check brake pressures at the caliper.
- Set Front-to-Rear bias for best braking performance.
 - NEW Model – gauges point up for easier reading.
 - Temporarily installs in bleeder valve.

- #52-44145 pair of gauges and case 1/4-28.....
- #52-44147 pair of gauges and case GM metric.....
- #52-44149 pair of gauges and case 3/4-24.....

Carb Bushings

- #52-32707 Split bushing (for Holley® carbs)



Throttle Return Spring Bracket Kits

- Lightweight aluminum bracket, 2 springs, Holley® carb bushing and miscellaneous hardware.
- Only fits small block Chevy.

- #52-32710 Short – for low or tall air cleaners...

Aluminum Air Cleaner Stud Kit

- Includes aluminum stud and thumb knob, air cleaner lid mounting stop and jam nut.
- Mounting stop and jam nut go under air cleaner lid so you can tighten the thumb knob without distorting the lid.
- Set screw in thumb knob keeps it from coming loose – beats duct tape!
- Built-in rubber seal keeps dust out of your engine.
- Top thread 5/16", bottom carb thread 1/4" or 5/16".

- #52-32750 5/16" carb thread – Holley®
- #52-32752 1/4" carb thread – other.....
- #52-32754 Replacement Thumb Knob.....



Throttle Stop Bracket

- Helps prevent broken throttle arms with a positive stop.
- Lightweight aluminum, won't change in use.

- #52-32730 Holley® 4 bbl.....
- #52-32732 Holley® 2 bbl.....

Carb Linkage Kit

- Includes 2 all metal rod ends, T6 aircraft aluminum tube, Holley® carb bushing, 2 return springs, bolts and nuts.
- Just bend to clear air cleaner, cut to length, thread one end (requires 1/4-28 tap).
- Easily forms to any car or use straight.
- 6061 T6 heat treated aluminum alloy is tough to bend but stays to shape in use, won't straighten out and cut throttle travel, costing you precious horsepower.

- #52-32700 23-1/4"
- #52-32702 28-1/2" (longer rod – if needed).....



Replacement Throttle Return Spring

- #52-32500 Pack of 2



Deluxe Carb Linkage Kit

- All the parts you need in one handy kit.
- Heat treated aluminum tube once formed won't straighten out and cut throttle travel.
- Use straight or formed to clear air cleaner (requires 1/4-28 tap).
- Includes 2 all metal rod ends, 6061 T6 aircraft aluminum tube, Holley® carb bushing, 2 return springs and bracket, bolts and nuts and adjustable throttle stop.
- Anodized red lightweight aluminum.
- Only fits small block Chevy.

- #52-32720



MISCELLANEOUS



Billet Remote Starter Button

- Crank your motor over from the engine compartment.
- Cool billet aluminum.

#52-45795.....

Welding Bosses For Hood Pins

#52-23625 1/2"-20 (6).....

#52-23650 3/8"-24 (6).....



Lightweight Aluminum Hood Pin Kits

- Includes pins, jam nuts, scuff plates and flip style safety pins.

#52-23500 1/2"-20 – Set of 2

#52-23502 1/2"-20 – Set of 6 ...

#52-23510 3/8"-24 – Set of 2... ..

Steel Hood Pin Kit

#52-23600

3/8"-24.....



Spark Plug Viewer



- Get your jetting right for maximum power.
- 10X magnification. • Includes SPARK PLUG HOLDER. #52-50886
- Comes with batteries – ready to use.

#52-50886

#52-50884 Plug viewer only....

#52-50885 Plug holder only.....



Torsion Clip Hood Pin Replacements

#52-23550 Pack of 2.....



Engine Compression Tester

- Easy-to-use.
- 14 mm plug adapter.
- Check for bent or leaking valves, bad ring seal, even leaking head gaskets.

#52-73025

0-300 psi.....



Hydraulic Clutch Line Kit

- SS braided line quickly and easily connects the clutch master cylinder to the slave cylinder.
- Comes complete with fittings for most applications.

#52-28050.....



Universal Air Tool Quick Disconnect

- Connects to all 3 commonly used fittings.
- No more switching fittings to use that new or borrowed tool.

#52-36013 Pair...

Works with popular disconnects. (Not Included.)



12 Point Header Bolts

- Compact 12 point head – use a 3/8" box wrench to tighten around big tubes.
- Grade 9 alloy steel.
- 170,000 psi.

#52-35600 SB Chevy.....



Braided Teflon Fuel Line From Cell To Pump

- Best possible fuel flow – no motor lean out.
- Smooth bore #8 AN 1/2" Teflon fuel line won't collapse at high fuel draw.
- Ends installed, ready-to-use.
- Saves time and hassle.

#52-33900 144" length.....

(For 102-114" wheelbase cars.)



Magnetic Drain Plugs

- Traps ferrous particles and keeps them from damaging your equipment
- Check often to spot developing problems.

#52-33300 1/2"- 20 oil pan

#52-33320 3/8" NPT.. ..



← Plug traps metal particles.

New Design Spoiler Supports

- Lightweight T6 aluminum tube with R & L threads.
- **Can also be used for windshield supports.**
- 6", 8", and 10" in black anodized tubes.
- Includes both flat top and button head mounting screws.

- #52-23756 6" Black.....
- #52-23758 8" Black.....
- #52-23760 10" Black.....

(Length shown is the rod. Heim joints add 1" overall, pivot center-to-center. Adjustment is + 1-1/2" beyond this. For example a 6" support will be center-to-center min 7", max 8 1/2".)



Fender Support Kit

- Two flexible supports made from lightweight break resistant polymer material.
- Springs back to shape if bent.
- Includes all hardware for a quick and professional installation.
- Lightweight aluminum mounts.



Adjustable style fender support bracket comes with #52-23740.



- #52-23720 Cut rod to length.....
- #52-23740 Adjustable length.....
- #52-23744 Replacement rods for #52-23720/40.....

Splitter Supports



- Same as above but with high strength steel pivot ends to help prevent breakage.
- Right and left hand threads make adjusting easier.

- #52-23776 6" Black.....
- #52-23778 8" Black.....
- #52-23780 10" Black.....

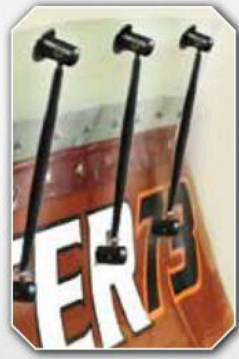
Longacre® Radiator Caps

- #52-75260 22-24 psi...
- #52-75265 29-31 psi...



Spoiler Supports Ultra Lightweight All Aluminum

- CNC machined billet aluminum, black anodized.
- High strength, lightweight tapered tube.
- Bolts on easily and uses specially built aluminum heim joints to adjust for any angle.



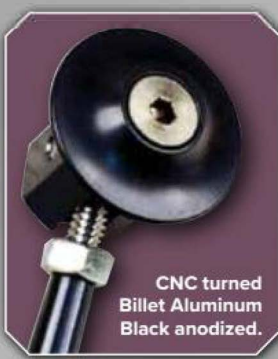
- #52-23706 6" support.....
 - #52-23708 8" support.....
 - #52-23710 10" support.....
- (Length shown is the rod. Heim joints add 1" overall, pivot center-to-center. Adjustment is + 1-1/2" beyond this. 6" support will be center-to-center min 7", max 8 1/2".)



Backing Disk For Spoiler Support

- Use to support Lexan® spoiler or use to fasten spoiler to deck lid.

- #52-23702 Black - Pack of 4.....



CNC turned Billet Aluminum Black anodized.

Billet Aluminum Shifter Balls

New smaller 1-1/2" ball.

NEW design for even better heat insulation. Don't burn your hand late in the race!

2" ball: Extra holes are drilled and mounted with a stainless steel bolt (SS transfers heat poorly) OR on shifter arm stud. Cooler shifting!

- NO INSERT to come out; ball won't come off in your hand during the race.
- One piece CNC machined billet aluminum.

- #52-22601 3/8" - 16 - 2" diameter.....
 - #52-22607 3/8" - 16 - 1 1/4" diameter.....
- (Both will mount directly to shifter arm stud.)



Shifter Arm

- CNC machined billet aluminum.
- Lightweight yet strong.
- To replace heavier steel original.
- Slotted bottom hole to install easier.

- #52-22613 Shifter stick 3" OFFSET.....



Shifter Boot With Quick Access Mounting Plate

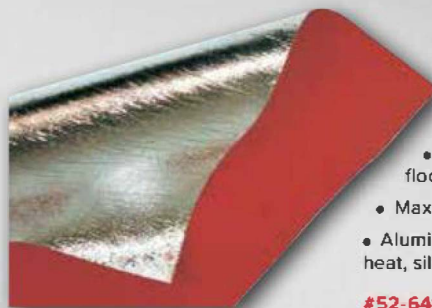
- Fire and grease resistant material.
- High temperature liner seals out the heat.
- Removes in seconds for quick transmission changes.

- #52-22615.....



MISCELLANEOUS

Protect Yourself And Your Car With Insulation



Aluminumized Insulation Cloth

- Easy to work with, just cut shape with scissors.
- Good insulation for firewall, floor, tunnel.
- Max. ambient temp: 600°F.
- Aluminumized on one side to reflect heat, silicone coated on the other.

#52-64150 (58" x 24").....
(Not around exhaust.)

Header Insulation 'Tape'

- Contains exhaust heat for better velocity, scavenging and more power – plus cooler under hood temps.
- 2" wide, 100' roll will do for most V8 headers.
- Maximum temp: 1,250°F.

#52-64850 100' x 2-1/8" thick...
#52-64870 50' x 2-1/8" thick....
#52-64830 50' x 2-1/2" thick...
#52-64880 25' x 2-1/8" thick....
#52-64835 10' x 2-1/2" thick....

New Lower Prices!



Firebraid™ Sleeving

- High temp, flexible insulating sleeving. • Maximum temp: 500°F.
- Silicon coated fiberglass braid keeps headers from burning wires.
- Plug wires, battery cables, insulates fuel and oil lines, will not burn.

| | | |
|-----------|----------------------|--------------------------------|
| #52-49500 | 3/16" ID X 36"..... | Plug wires, steel brake lines. |
| #52-49520 | 10' Length..... | |
| #52-49600 | 3/8" ID X 36"..... | Special for 8 mm plug wire. |
| #52-49620 | 10' Length..... | |
| #52-49700 | 3/16" ID X 36"..... | Battery cables, fuel lines. |
| #52-49720 | 10' Length..... | |
| #52-49750 | 1/4" ID X 36"..... | #6 fuel line, battery cables. |
| #52-49770 | 10' Length..... | |
| #52-49800 | 1 3/16" ID X 36".... | #8 and #10 oil and fuel lines. |
| #52-49820 | 10' Length..... | |
| #52-49850 | 1 3/8" ID X 36".... | #12 oil lines, cooler lines. |
| #52-49870 | 10' Length..... | |
| #52-49900 | 1 1/2" ID X 36".... | #16 dry sump oil lines. |
| #52-49920 | 10' Length..... | |

Stainless Steel Ties For Header Tape, Etc.

- Holds header insulation in place. • Stays tight.
- Heat resistant. • Use as a super strong wire tie.
- Max. temp: 1,250°F.

| | |
|-----------|--------------------|
| #52-47840 | 8" (8 ties)..... |
| #52-47843 | 8" (12 ties)..... |
| #52-47846 | 8" (24 ties)..... |
| #52-47842 | 14" (4 ties)..... |
| #52-47845 | 14" (12 ties)..... |
| #52-47848 | 14" (24 ties)..... |



Insulating Floor Mats

- Specially designed for use in driver's compartment.
- Made from fireproof non-asbestos heavy weight cloth.
- Silicon coated on one side and aluminumized for heat reflection on the other side.
- Maximum temp: 600°F.
- In the middle is a heavy duty high temp insulation material.
- Eyelets in the corners to mount with rivets or screws.



| | | | |
|-----------|-----------|-----------|-----------|
| #52-64320 | 24" x 18" | #52-64400 | 24" x 10" |
| #52-64360 | 18" x 18" | #52-64420 | 12" x 8" |

Lexan™ Cleaner And Polish

- #1 Cleaner removes dirt and leaves a glaze that cuts static and repels dust.
- #2 Polish to remove fine scratches and haze – works GREAT for polishing car paint too, removes oxide and scuffs.
- #3 for deeper scratches.

| | |
|-----------|-----------------|
| #52-63500 | #1 cleaner..... |
| #52-63600 | #2 polish..... |
| #52-63700 | #3 polish..... |



Black Twill Hat

#52-11655.....

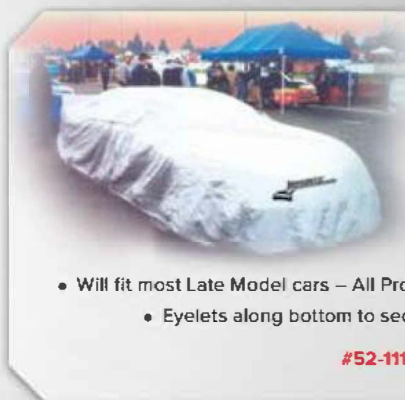


Longacre® Pit Gear Bag

- Heavy duty nylon construction.
- 25" x 12" x 12".

#52-11911.....

Car Covers – Custom Built For Race Cars



Race Car Cover

- Heat reflective silver color.
- Soft liner won't scratch paint.
- Moisture resistant.
- Zippered window to get in and out.
- Will fit most Late Model cars – All Pro, ASA, and SW Series, etc.
- Eyelets along bottom to secure cover from tampering.

#52-11150



Dirt Late Model Race Car Cover

- Custom designed for Dirt Late Model Race cars with all the same benefits as our race car cover to the left.
- Hood zipper allows engine work without removing cover.

#52-11152



Open Wheel Modified Car Cover Great For IMCA, UMP Type Cars!

- Custom designed for Open Wheel Modified cars with all the same benefits as our race car cover above.

#52-11154



Cockpit Car Cover

- Quick and easy to use
- Keeps windows & cockpit free of rain & dust.
- Eyelets along bottom to secure cover.
- Storage bag included.
- Soft liner won't scratch windows or paint.

#52-11156

Silver Cases

Keep everything in order – at the track or around the shop – with our sturdy cases.



- Matches all our other Silver cases.
- Store parts neatly, not rolling around in your tool box.
- Radios, rivets, drills, stopwatches, tire gauges, durometers, etc.

Sizes are approximate and are subject to minor changes.

- A** #52-72292 16" x 11-5/8" x 15"
- B** #52-50522 16-3/8" x 13-1/2" x 4"
- C** #52-50515 14-3/8" x 11 x 3-1/2"
- D** #52-50518 9-1/2" x 7" x 2"
- E** #52-50514 10-3/8" x 6-3/8" x 3-3/4"
- F** #52-50512 8-1/4" x 4-1/8" x 3"
- G** #52-50516 9-1/2" x 3-1/2" x 1-1/2"
- H** #52-50513 6-3/8" x 2-1/8" x 1-1/2"
- I** #52-50511 4-1/8" x 2-3/8" x 1"
- #52-79019 22-1/2" x 20-1/2" x 4"
- #52-72280 12-1/2" x 12 x 12-1/2"
- #52-50520 5" x 4" x 2-3/4"
- #52-50517 2-3/4" x 2-1/8" x 1 (not shown)



MISCELLANEOUS