



Performance Products

Purpose • Passion • Performance

Chassis Set-Up Systems

2022

**Pull Down Systems
Wheel Alignment Systems
Data Acquisition Systems
Fixtures & Accessories**

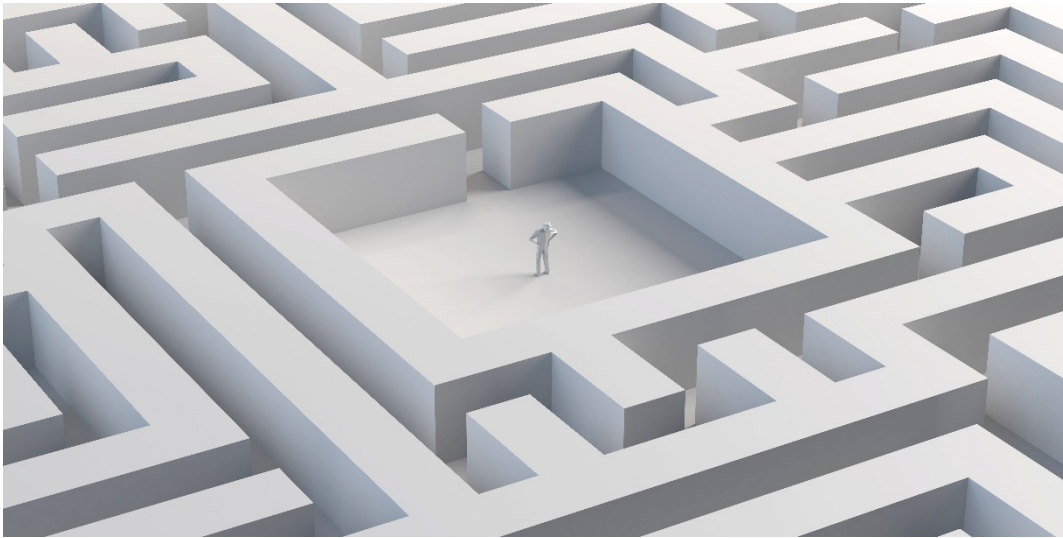


Measure: *Identify the Key Set-up Inputs & Ranges for Your Car. Set-up accordingly.
Create a playbook with all adjustment scenarios using the set-up report.*

Test: *Go to the track and test your set-up. (Races are tests too!) Use your playbook to
adjust balance and wheel positions according to what the driver and tires need.*

Improve: *Log the test data in your notebook and repeat process. Refining the set-up
each time.*

Race Car Set-Up is Very Challenging.



Without the right information, you're basically guessing at what's wrong with the car, relying on past experience or what someone else has told you.

The problem is, they don't know your whole set-up and you don't remember exactly what you had "last time". There are also things going on with your racecar you *can't see* with traditional set-up tools. Understanding what the real problems are and how to fix them gives you an advantage over your competitors, saves you countless hours, frustration and tremendous amounts of money.

DRP Set-Up Equipment gives you the information you need. Our training teaches you how to use the information for your advantage.

The right tools, used the right way help you become a set-up Hero.



DRP Set-Up Systems: A logical approach to consistent performance.



DSS System Comparison

System	Controls	Scale Capacity	Shock Position	Graphing	Additional Load Cells	Lap Replay	Time to Complete a Test
DS-X	Manual	2200#	Yes	No	No	No	5 min
DSS-3	Manual	4500#	Yes	Yes	Yes	No	3 min
DSS-4	Automated	4500#	Yes	Yes	Yes	Yes	30 sec

Financing Info

System financing is available to qualified customers. 3-48 month terms available. Interest rates vary from 0% to 11.99%, based on term and current promotions. A down payment (typically 30%) is required. Our financing is handled in house.

***Excludes Data Acquisition Systems & Labor.**

****Down Payment includes 30% of products ordered plus freight charge.**

*****Requires auto billing to credit card. (Checks may be sent with credit card used as back-up.)**
Equipment is our collateral. Customer agrees to return equipment in event of default.

Financing Agreement Sample Wording:

I, _____, agree to pay the total amount financed, listed above, in equal monthly payments until paid in full. If I fail to make any payment within 30 days of due date, I agree to return all equipment, at my expense, in good condition to DRP Performance within 15 days (45 days from due date). I understand that DRP Performance may or may not, in its discretion, refund any of the amount paid. I personally guarantee this payment in full or return of equipment. I agree to maintain insurance on equipment for full replacement cost in the event of theft, fire, flood, etc.

System Star Rating

Ease of Use: More Stars = Lower Learning Curve, Simpler Controls

Capabilities: More Stars = More Test Capabilities, More Measurements

Set-Ups: More Stars = More Complete Set-Ups

R&D: More Stars = More Set-Up Testing Capabilities

Diagnostics: More Stars = More Troubleshooting Capabilities

Ease of Use	★★★★★
Capabilities	★★★★☆
Set-Ups	★★★★☆
R&D	★★★★☆
Diagnostics	★★★☆☆



The DRP DSS Advantage

- 1. Increased Set-Up Accuracy.** *Increase set-up accuracy by measuring balance and wheel positions at “track height”, under full load.*
- 2. Improved Chassis Balance.** *Measure and track your cars center of gravity position to determine tight or loose condition throughout the corner.*
- 3. Advanced Trouble Shooting.** *Find binds, “out of range” settings and common problems quickly. Graph wheel loads, measure forward drive, dynamic bite, bump stop, sway bar & droop limiter timing.*
- 4. A Proven Process for Increased Performance.** *Use our proven test procedures to compare your set-ups and chassis to one another and to our database. Use our set-up analyzer to find detailed problems with your set-up.*

How DRP DSS Systems Work

DRP DSS systems are designed to be a “complete chassis spring rater”. In other words, if you use the same procedure each time, you can compare each car and individual set-up to one another. They allow you to get a “picture”, in numbers, of what good looks like. When you’re not good, you can compare your numbers to the “good numbers” and see where you’re off.

Because all of these numbers are measured under full load, you can find things that you otherwise wouldn’t.

An example: You’re running 2400lbs of LF Spring Load and 1600lbs of RF Spring Load, but when you pull your entire car down you only have 900lbs on the LF Tire and 1400lbs on the RF Tire. What happened to your left front wheel load? The DSS system will show you why and how to fix it.

The chassis is “pulled down” by precision electric cylinders with variable speed joystick controls. You know how far to pull by using the shock travel sensors or wheel loads, depending on the type of test. The cylinders are mounted to the floor or surface plate with adjustable mounts and anchors. (We also have a portable beam kit that eliminates the need to mount to the floor.) On the chassis side, we have mounts for all types of chassis styles.

The scales are high load dual load cell style, with split pads and PTFE slip plates to keep the suspension relaxed. Scale stands come standard at 10” tall, but can be raised up to 24” using an extension kit.

Pricing

Prices in this brochure are for reference and subject to change without notice. Request quote for current price.

Satisfaction Guarantee



Your complete satisfaction is our goal. If you purchase any DRP product and are not satisfied with the quality and performance after you use it, we will buy it back from you. Within 60 days of purchase for full price. Tiered pricing after 60 days.

We cover all manufacturer's defects within the warranty period and will repair or update systems outside of warranty period.

3 Keys to Mastering Chassis Set-Up



1

BALANCE

Balance is how the load is distributed between the four tires. Balance is driver dependent. Two different drivers can require two completely different balances. The key is to measure balance as the car is on the track. A 2800lb car can have 5000lbs of force in the corner, completely changing the balance.

2

WHEEL POSITIONS

Wheel positions are all the measurements that impact the location of the tires contact patch. Toe, Caster, Camber, Rear Steer, Alignment, Air Pressure, Stagger all fall into this category. The key is to measure the wheel positions through the range of motion on the track.

3

BINDS

Binds are all the hidden gremlins in your racecar that affect handling, but are not adjustable set-up inputs. Binds take proven set-ups and make them not work. Binds cost you the most money as they are season killers and often lead to chassis replacement. The key is to know where they are and eliminate them.



Asphalt Pull Down Systems

Our system for teams that want the option to build in stages. Ideal for lighter weight race cars (less than 2800lbs). Upgradeable to DSS-3 Control. Ideal for Short track late model and modified teams looking for an advantage in a simple and fast system.

DS-X Asphalt Pull Down System

- Light Weight Scale Stands with Roll Offs (10")
- Hybrid Wired/Wireless 2200# Dual Load Cell Scales*
- Center of Gravity Graph (Displays Vehicles Balance)
- Optional Shock Travel Sensors (Displays Shock or Chassis Position)
- 3 Electric Chassis Pull Cylinders (LF, RF, RR)
- Handheld Pull Down Control with Variable Speed Joysticks
- Precision Electronics (Accuracy to .003")
- Adjustable Floor Mount Kit
- DSS Set-Up Analysis Online Software
- 1 Day Training at DRP + 1 Year Premium Online Training (On-Site Training Optional)

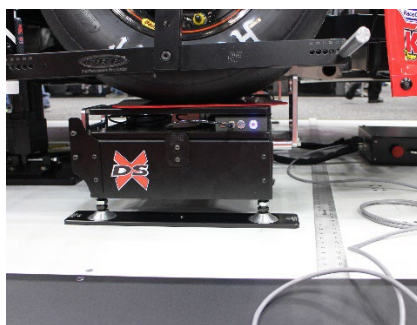


Options:

- A. RS400PRO Four Wheel Laser Alignment System \$4150.00
- B. Ground Plane/Ride Height Laser Kit \$550.00
- C. Shock Travel Sensor Kit \$1796.00

Ease of Use ★★★★★
Capabilities ★★★★★
Set-Ups ★★★★★
R&D ★★★★★
Diagnostics ★★★★★

2022 DS-X Pull Down System without Scales \$9500.00 With Scales \$15,900.00
2022 DS-X Master Package (With A&B) \$20,600.00





Asphalt Pull Down Systems

Our mid-level system for race teams and shops that want the advantage of wheel load graphing, ultra-rigid high load scales and the option of adding additional load cells. This system has very similar features to systems costing 3X more. Ideal for advanced short track late model and modified teams looking for with additional features and future expandability. Designed for cars 3000+lbs.

DSS-3 Asphalt Pull Down System \$19,900.00

- Hybrid Wired/Wireless High Load 4500# Wireless Scale System with Dual Load Cells
- Billet Aluminum Scale Stands with 16" Scale Pads & Quick Release Roll Offs (10-20")
- 3 Electric Chassis Pull Cylinders (LF, RF, RR)
- Handheld Pull Down Control with Variable Speed Joysticks
- Optional Shock Travel Sensors (Displays Shock or Chassis Position)
- Center of Gravity Graph (Displays Vehicles Balance)
- Wheel Load Graphing (Find Binds Easier/Identify Grip Loss)
- Additional Load Cell Port on Each Pad for Load Struts, Bump Stop Load Cells, Sway Bar Load Cell, Etc.
- Precision Electronics (Accuracy to .003")
- Adjustable Floor Mount Kit
- DSS Set-Up Analysis Online Software
- 1 Day Training at DRP + 1 Year Premium Online Training (On-Site Training Optional)



DSS-3

Options:

- | | |
|---|-----------|
| A. RS400PRO Four Wheel Laser Alignment System | \$4150.00 |
| B. Ground Plane/Ride Height Laser Kit | \$550.00 |
| C. Shock Travel Sensor Kit | \$1796.00 |

Ease of Use	★★★★★
Capabilities	★★★★☆
Set-Ups	★★★★★
R&D	★★★★☆
Diagnostics	★★★★☆

2022 DSS-3 Pull Down System \$19,900.00

2022 DSS-3 Pull Down System Master Package (With A, B & C) \$26,396.00





Asphalt Pull Down Systems

An advanced set-up and development machine for race teams and shops. Automatically positions car to desired shock travels or wheel loads. Replay laps, graph wheel loads, bite, cross and more. Faster and more accurate than manual systems. Ideal for professional teams and shops looking for advanced features, diagnostics and efficiency. Great for teams setting up multiple cars per week. Designed for cars 3000+lbs.

DSS-4 Automated Pull Down System \$41,950.00

- Automated (Programmable) Pull Down Controls (More Accurate/Faster)
- Pull Down to Wheel Load or Shock Travel
- Wheel Load Graphing (Find Binds Easier/Identify Grip Loss)
- Screen Mirroring to Laptop, Tablet or TV (Wireless Remote Control)
- Lap Replay (Motions car through entire lap with data file)
- High Load 4500# Scale System with Dual Load Cells
- Billet Aluminum Scale Stands with Quick Release Roll Offs (10-20")
- (5) Shock Position Sensors with mounts (Displays Shock or Chassis Position)
- 4 Chassis Pull Cylinders (LF, RF, RR & ACCEL)
- Acceleration Cylinder Kit (Measures Forward Drive & Dynamic Bite)
- Additional Load Cell Port on Each Pad for Load Struts, Bump Stop Load Cells, Sway Bar Load Cell, Etc.
- Precision Electronics (Accuracy to .003")
- Adjustable Floor Mount Kit
- DSS Set-Up Analysis Software
- 2 Days On-Site System Set-Up & Training* + 1 Year Premium Access Online Video Training
- Options: Accessory Load Cells



DSS-4

*Travel not included.

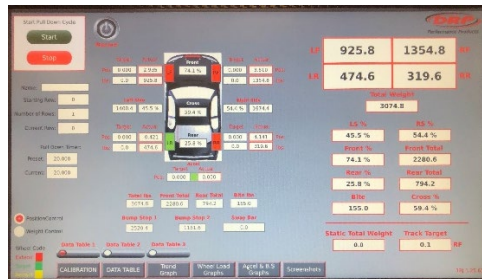
Options:

- A. RS400PRO Four Wheel Laser Alignment System \$4150.00
- B. Ground Plane/Ride Height Laser Kit \$550.00

Ease of Use ★★★★★
 Capabilities ★★★★★
 Set-Ups ★★★★★
 R&D ★★★★★
 Diagnostics ★★★★★

2022 DSS-4 Pull Down System Only \$41,950.00

2022 DSS-4 Pull Down System Master Package (With A & B) \$46,650.00





System Training & Support

DRP University Online Access for 1 Year

\$400./year

Dozens of technical videos on all aspects of race car set-up. Good for teams of all levels wanting to grow their knowledge. (1 Year Included with DSS System Purchase.)

DRP University DSS System Training Premium Access for 1 Year

\$1500/year*

Premium video training for DRP DSS customers only. Updated annually with new content. This training teaches proper use of the equipment and how to understand and utilize the DRP Dynamic Set-Up Process.

1 on 1 Training at DRP in Bassett, VA (Up to 4 People)

\$1500/day

Individualized training at DRP's facility (6 Hours). Use one of DRP's test cars or bring your own.

Set-Up & Data Acquisition Reports

\$100.00 ea

Send us your set-up data or Data Acquisition Files & We'll Provide an Analysis Report.

***Included with DS-X, DSS-3 or DSS-4 System Purchase**

System support is included with purchase. System support includes equipment specific questions (not racecar set-up related questions). Racecar set-up related questions are billed at \$100 per 30 minute block.



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Dirt Pull Down Systems

DS-X Dirt Pull Down System

Our mid-level system for teams that want the option to build in stages. Ideal for lighter weight race cars (less than 2800lbs). Upgradeable to DSS-3 Control.

- Light Weight Scale Stands with Roll Offs (10")
- Hybrid Wired/Wireless 2200# Dual Load Cell Scales*
- Center of Gravity Graph (Displays Vehicles Balance)
- Optional Shock Travel Sensors (Displays Shock or Chassis Position)
- 3 Electric Chassis Pull Cylinders (RF, RR & ACCEL)
- Handheld Pull Down Control with Variable Speed Joysticks
- Precision Electronics (Accuracy to .003")
- Adjustable Floor Mount Kit
- DSS Set-Up Analysis Online Software
- 1 Day Training at DRP + 1 Year Premium Online Training (On-Site Training Optional)



Popular Options:

- | | |
|---|-----------|
| A. RS400PRO Four Wheel Laser Alignment System | \$4150.00 |
| B. Ground Plane/Ride Height Laser Kit | \$550.00 |
| C. Shock Travel Sensor Kit | \$1796.00 |

Ease of Use	★★★★★
Capabilities	★★★★☆
Set-Ups	★★★★☆
R&D	★★★☆☆
Diagnostics	★★★☆☆

2022 DS-X Dirt Pull Down System without Scales \$10,200.00 With Sales \$16,730.00

2022 DS-X Dirt Master Package (With Scales + Options A&B) \$21,430.00





Dirt Pull Down Systems

DSS-3 Dirt Pull Down System

Our mid-level system for race teams and shops that want the advantage of wheel load graphing, ultra-rigid high load scales and the option of adding additional load cells. This system has very similar features to systems costing 3X more.

- Hybrid Wired/Wireless High Load 4500# Wireless Scale System with Dual Load Cells
- Billet Aluminum Scale Stands with 16" Scale Pads & Quick Release Roll Offs (10-24")
- 3 Electric Chassis Pull Cylinders (RF, RR, ACCEL)
- Handheld Pull Down Control with Variable Speed Joysticks
- Center of Gravity Graph (Displays Vehicles Balance)
- Wheel Load Graphing (Find Binds Easier/Identify Grip Loss)
- Optional Shock Travel Sensors (Displays Shock or Chassis Position)
- Additional Load Cell Port on Each Pad for Load Struts, Bump Stop Load Cells, Sway Bar Load Cell, Etc.
- Precision Electronics (Accuracy to .003")
- Adjustable Floor Mount Kit
- DSS Set-Up Analysis Online Software
- 1 Day Training at DRP + 1 Year Premium Online Training (On-Site Training Optional)

DSS-3



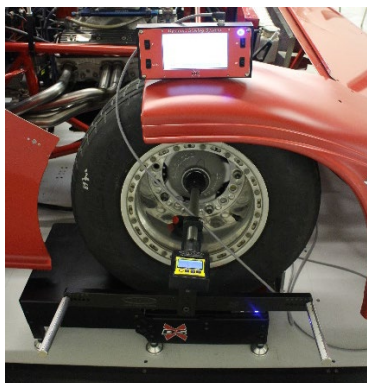
Options:

- | | |
|---|-----------|
| A. RS400PRO Four Wheel Laser Alignment System | \$4150.00 |
| B. Ground Plane/Ride Height Laser Kit | \$550.00 |
| C. Shock Travel Sensor Kit | \$1796.00 |

Ease of Use	★★★★★
Capabilities	★★★★☆
Set-Ups	★★★★★
R&D	★★★★☆
Diagnostics	★★★★☆

2022 DSS-3 Dirt Pull Down System \$21,600.00

2022 DSS-3 Dirt Pull Down System Master Package (With A, B & C) \$28,096.00





Dirt Pull Down Systems

DSS-4 Dirt Automated Pull Down System

An advanced set-up and development machine for race teams and shops. Automatically positions car to desired shock travels or wheel loads. Replay laps, graph wheel loads, bite, cross and more. Faster and more accurate than manual systems.

- **Automated (Programmable) Pull Down Controls** (More Accurate/Faster)
- **Pull Down to Wheel Load or Shock Travel**
- **Wheel Load Graphing** (Find Binds Easier/Identify Grip Loss)
- **Screen Mirroring to Laptop, Tablet or TV** (Wireless Remote Control)
- **Lap Replay** (Motions car through entire lap with data file)
- **High Load 4500# Scale System with Dual Load Cells**
- **Billet Aluminum Scale Stands with Quick Release Roll Offs** (10-20")
- **(5) Shock Position Sensors with mounts** (Displays Shock or Chassis Position)
- **4 Chassis Pull Cylinders** (LF, RF, RR & ACCEL)
- **Acceleration Cylinder Kit** (Applies Accel Load. Measures Bite & Fwd Drive.)
- **Additional Load Cell Port on Each Pad for Load Struts, Bump Stop Load Cells, Sway Bar Load Cell, Etc.**
- **Precision Electronics** (Accuracy to .003")
- **Adjustable Floor Mount Kit**
- **DSS Set-Up Analysis Software**
- **2 Days On-Site System Set-Up & Training* + 1 Year Premium Access Online Video Training**
- **Options: Accessory Load Cells**

DSS-4



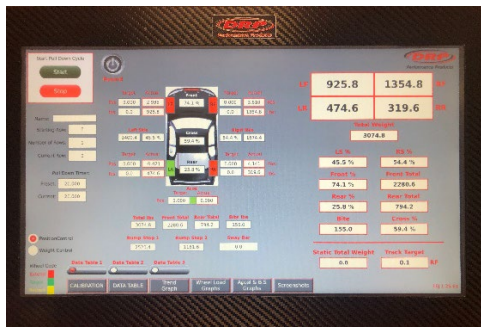
Options:

- A. RS400PRO Four Wheel Laser Alignment System \$4150.00
B. Ground Plane/Ride Height Laser Kit \$550.00

Ease of Use ★★★★★
Capabilities ★★★★★
Set-Ups ★★★★★
R&D ★★★★★
Diagnostics ★★★★★

2022 DSS-4 Dirt Pull Down System \$41,950.00

2022 DSS-4 Dirt Pull Down System Master Package (With A & B) \$46,650.00





DSS System Components & Accessories

Ground Plane Laser Kit \$550.00 Replacement 8" Magnetic Ruler \$36.50

- Measures Chassis Heights & Ground Clearance
- Projects Self Leveling Laser "Ground Plane"
- Great For Leveling Scales
- Includes: Adj Height Billet Alum/Stainless Steel Base & (4) Magnetic Carbon Rulers



Dual Axis Caster Camber Gauge \$229.00

- Measures Dynamic Camber & Dynamic Caster Change Simultaneously
- Huge Time Saver
- Does not replace standard caster gauge



Shock Sensor Kit \$1796.00

- Add on For DS-X & DSS-3 Systems.
- Includes (4) String Style Shock Sensors with Mounts & Cables.



Acceleration Kit \$1735.00

- Add to any DS-X or DSS-3 Pull Down System. (Included with Dirt Systems)
- Applies Acceleration Load to Chassis.
- Measures Forward Drive, Dynamic Bite, Lift, etc.



DSS Basic Control & Cylinder Kit \$4290.00

- A Do It Yourself Kit to Build Your Own Pull Down System
- Precision, Variable Speed Joystick Controls with Precision Electric Cylinders
- Includes: Control, Cables, Power Supply, (3) Electric Cylinders, (3) Cylinder Mounts,
- (3) Chassis Mounts



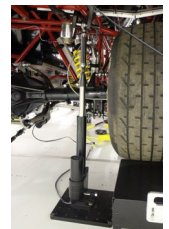
DSX Scale Stands \$2385.00

- Lightweight Aluminum Scale Stands with Removeable Roll Offs (Set of 4)
- Fits 15"x15"x2.5" Tall Scale Pads
- Designed for Pull Down or Standard Set-Up Use
- 10" Tall with Heavy Duty Aluminum Leveling Feet



Cylinder Floor Mount Kit \$985.00

- Save time by updating your older system with adjustable floor mounts
- Includes (3) 12"x12" Multi Hole Floor Mount Plates, (3) Adjustable Cylinder Mounts, (1) Concrete Anchor Kit with Bolts (1) Surface Plate Install Kit (Drill, Tap, Bolts)



Portable Beam Kit for DSS Systems \$2475.00

- Make your system completely portable
- Includes (3) 2x3x10' Beams, (2) 2x2x80" Beams, (6) Beam Slider Brackets, (3) Beam Cylinder Mounts





DSS System Components & Accessories

Slip Plates \$278.00 Replacement PTFE Sheet \$29.50

- Relieves Tire & Suspension Bind.
- Must Have Tool for Scaling & Wheel Position Measurements.
- Uses PTFE Sheets – No Grease, Smooth Motion
- Scale Topper Kit Includes: (4) Powder Coated Aluminum Plates, (4) PTFE Sheets



Cylinder Load Cells

- Measures Cylinder Force on Chassis
- Good for Testing Jacking Forces
- Sold Individually (Reads in Load Cell Channel on DSS-3 & DSS-4 Systems)

Load Strut Kit (See Page 15)

- Use for optimizing platform
- Measures Spring Load Needed
- Add on Kit for DS-X & DSS-3. DSS-4 uses stand-alone kit.



Set-Up Strut \$59.00 ea.

- Replaces Shock. ½" Rod Ends with ½" Scalloped Aluminum Tube
- Use at Static Height and Dynamic Height
- Great For Setting Sway Bar, Mounting Body, etc.



Steering Lock Kit \$28.35

- Clamps on Rack Cylinder.
- Locks Steering for More Accurate Set-Up Measurements.
- Fits Sweet Racks with 9/16" Shafts
- Sold in Pairs



Difference in Dirt and Asphalt Systems

Both Dirt & Asphalt system controls work the same. Dirt systems include chassis cylinders for the RF, RR & Accel. Asphalt systems include cylinders for the LF, RF & RR. The primary difference is Dirt systems include the DRP Acceleration kit. The Accel kit applies acceleration load to the rear end housing, loading the trailing arms, pull bar/lift arm and lifting the chassis, allowing the user to measure forward drive, dynamic bite, rear steer, platform and more. The Accel kit is available to be added to Asphalt systems. (A necessity for center-pull rear suspension cars.)



Load Struts

Digital Load Strut Kit

Load struts, originally championed by Bubba Gale, are a great tool for determining the ideal shock length and load for your platform. Use these load struts both statically and dynamically on the Pull Down Fixture.

Features:

- Use as a stand-alone kit or add-on kit for DS-X or DSS-3 Systems
- 5000lb Max Load
- Displays all 4 Struts on One Display
- Displays Total, Cross, Front, Rear & Center of Balance

Stand-Alone Kit Includes:

(4) Digital Load Struts (1) Touch Screen Display (1) Instructions

DSS Add-On Kit Includes:

(4) Digital Load Struts (1) Instructions



\$3095.00 Stand-Alone Kit

\$1200.00 DSS Add-On Kit

Specify Center to Center Lengths

Wheel Plates

Adjustable Height Swivel Wheel Plates

Wheel plates replace the tire and wheel for more precision wheel position measurements. Tires have various spring rates, sizes and leak air, while wheel plates are consistent. Can be use for static or dynamic (loaded) measurements.

Features:

- 15+ Degrees Camber Swivel
- Built-in "Contact Patch" Base
- Optional "Toe Bar"

\$312ea

*Specify Wide Five, 5x5 or Legends
Adapters Available. Custom Patterns
Available.*

Includes: (1) Wheel Plate Assembly



Adjustable Height Standard Wheel Plates

Standard wheel plates perform the same function as the swivel, just without the base and swivel mechanism. These plates are typically only used for static measurements.

Features:

- Height Adjustable
- Optional "Toe Bar"

\$249ea

*Specify Wide Five or 5x5
Adapters Available. Custom Patterns
Available.*

Includes: (1) Wheel Plate and Bolt-On Base





Real Square PRO *DYNAMIC* Alignment Systems

RS400PRO Four Wheel/Dual Laser Dynamic Alignment System \$4150.00

The industry standard for motorsports wheel alignment. Measure all wheel positions statically and dynamically. Make chassis adjustments (toe, trailing arms, panhard bar, etc) and see the changes instantly. Increases accuracy and saves time. Lasers mount to the chassis, meaning no re-adjustment is necessary after changes are made.

Features:

- Chassis Mounted Dual Laser Stand with New Premium Green Line Lasers (Thinner line, Easier to See)
- Precision Wheel Fixtures with Built In Leveling Vials
- New Contact Patch Alignment Scales
- Measures: Toe x4, Camber x4, Contact Patch Alignment, Tread Width Difference, Wheel Base, Bump Steer, Rear Steer, Dynamic Caster, Ackerman
- Time: Set-Up to Reading All Static & Dynamic Measurements = 45 Minutes or less!
- Time to reset system after chassis adjustments = 0 Minutes!

Kit Includes:

- (1) Chassis Mounted Dual Laser Stand with Adjustable Premium Green Line Lasers
- (4) Precision Spindle Mounted Wheel Fixtures with Contact Patch Scales
- (2) Chassis Mounted Frame Squares
- (2) 96" Lay-out Rulers
- (1) Wheel Base Tool
- (2) Wall Mounts for System Storage
- (1) Access to Online Training

\$4150.00

Specify Hub & Chassis Type





Real Square *STATIC* Alignment Systems

RS400 Four Wheel/Dual Laser Static Alignment System

New for 2022. Updated RS400 now includes (2) ground base adjustable lasers. Increases accuracy and saves time. These systems are ideal for teams taking static measurements. Lasers require re-setting after adjustments are made.

Features:

- Floor Mounted Premium Red Line Adjustable Lasers
- Precision Wheel Fixtures with Built-In Leveling Vials
- Easily Upgrades to RS400PRO
- Measures: Toe x4, Camber x4, Contact Patch Alignment, Tread Width Difference, Wheel Base, Ackerman
- Time: Set-Up to Reading All Static Measurements = 45 minutes or less!
- Time to reset system after chassis adjustments = 5 Minutes.

Kit Includes:

- (2) Floor Mounted Laser Stands with Adjustable Premium Red Line Lasers
- (4) Precision Spindle Mounted Wheel Fixtures
- (2) Chassis Mounted Frame Squares
- (2) 96" Lay-out Rulers
- (2) Storage Cases
- (1) Access to Online Training

\$3385.00

Specify Hub & Chassis Type



RS200 Dual Wheel/Dual Laser Static Alignment System

New for 2022. Updated RS200 now includes (1) ground base adjustable laser. Set the laser on the ground, dial it in and read your measurements. Measure Right Side Wheel Positions and then move to Left Side.

Features:

- Floor Mounted Premium Red Line Adjustable Laser
- Precision Wheel Fixtures with Built-In Leveling Vials
- Easily Upgrades to RS400/RS400PRO
- Measures: Toe x4, Camber x4, Contact Patch Alignment, Tread Width Difference, Wheel Base, Ackerman

Kit Includes:

- (1) Floor Mounted Laser Stands with Adjustable Premium Red Line Lasers
- (2) Precision Spindle Mounted Wheel Fixtures
- (2) Chassis Mounted Frame Squares
- (2) 96" Lay-out Rulers
- (1) Storage Cases
- (1) Access to Online Training

\$1995.00

Specify Hub & Chassis Type





Real Square™ Components & Accessories

Wheel Measurement Fixture \$262.00

- Measures Toe (Use with Axle Alignment Fixture)
- Billet Aluminum with 8" Rulers
- Integrated Leveling Vial



Axle Alignment Fixture \$189.00

- Threads onto Spindle
- Available for Most Any Spindle Thread
- Billet Aluminum with Stainless Steel Shaft



Frame Square – Clamp-On \$173.00

- Use 2 Frame Squares on Frame Rail to Align String or Laser
- Clamps onto 2"-3" Square Tubing
- 18" Ruler Rotates Toward Laser for Easy Viewing (18" Extension Available)



Frame Square – Magnetic \$195.00

- Use 2 Frame Squares on Frame Rail to Align String or Laser
- Magnetically Attaches to Frame Rail with High Power Rare Earth Magnets
- 18" Ruler Rotates Toward Laser for Easy Viewing (18" Extension Available)



Drive Flange Adapter \$63.00

- Bolts to Outside of Drive Flange, Replacing Dust Cap
- Prevents having to remove drive flange for alignment
- Available to fit most drive flanges



Lay-Out Ruler \$82.50 ea.

- 96" Lay Out Ruler
- Use to Align Left and Right Side Lasers
- Comes Apart for Easy Storage



Laser Stand Assembly \$1985.00

- Dual Laser Stand Assembly (RS400PRO Style with Precision Lasers)
- Mounts to Chassis (Round Tube or Square Tube)
- Width & Height Adjustable
- Includes: Stand, Chassis Mount Kit, Left & Right Side Adjustable Lasers



Wall Mount for Fixtures \$55.00 ea.

- Hangs your wheel alignment fixtures on the wall for easy access
- Each Mount Holds (2) Wheel T's, (2) Axle Alignment Fixtures & (2) Frame Squares





DRP Data Acquisition Systems

Relying on driver feelings and o-ring travel indicators is not a very objective or repeatable way to determine how to find more speed. Data Acquisition gives you precise measurements on your chassis, driver and motor's performance so you can make precise adjustments to improve.

If your preference is to make adjustments off of "gut feel", data acquisition is probably not for you. But if you prefer to "measure before you adjust" these systems will bring great value to your test days.

Better Measurements = Better Adjustments = Better Performance!

Buyers Guide/Terminology:

PRO Systems: Turn Key, shipped fully configured and ready to go. The least amount of user set-up. Training and tech support included.

Standard Systems: Shipped with standard configuration files, ready to add sensors. Slightly more user set-up. Tech support included.

Build Your Own System: Out of the box components. Complete configuration set-up required. Basic tech support only.

Data Logger: The electronic device that records and stores information. Your sensors plug into here.

Configuration File: The "set-up" or "lay-out" and calibration of the sensors in the data logger.

Channels: The number of sensor inputs available in the data logger.

GPS Sensor (Antenna): A sensor that communicates with GPS satellites and tracks the vehicles position on the track.

Track Map: A representation of the track produced by an actual lap measured with the GPS sensor.

Sensors: The devices that measure travel, pressure, temperature, etc. These devices communicate with the data logger via sensor cables.

Load Cells: Devices that measure load or force.

Load Cell Module: A device that allows load cells to communicate with the data logger. Every load cell must have one.

Sensor Cables: The cable that allows the sensor to communicate with the data logger.

G-Load: The measurement of force (load) created by acceleration and grip.

Configuration Software: The software required to set-up or configure the data logger. This software is also used for setting up tracks.

Data Analysis Software: The software required to download and visually view the recorded data. This software graphs the data and displays the track map. Simply click on the map at any point and view the data from all sensors at that point.



DRP 8+ PRO Wifi Data Acquisition System

A complete, turn-key, ready to use data acquisition system for your racecar. This kit includes everything you need to record meaningful track data. Comes configured with 8 channels, but can be expanded to 32+ channels.

Features:

- Measure Shock Travels & Speed at Every Point Around the Track (Know what travel adjustments to make.)
- Analyze Shock Valving (Know what shock adjustments to make.)
- Analyze Drivers Line via GPS
- Measure Lap Times and Segment Times (Corner Times vs. Straight Away Times with Track Map)
- Measure RPM & G-Loads (Lateral, Longitudinal & Vertical)
- Measure Driver Inputs, Suspension Loads & Engine Data with Additional Sensors
- Wireless Data Downloading from the Car to the Trailer (No need to plug computer into car.)
- Custom Training & Tech Support from Our Team
- Easily Email, Share and View Data Files with Others
- 4 Open Channels, ready for Additional Sensors
- Add up to 24 Additional Channels!

\$5185.00

Specify Configuration

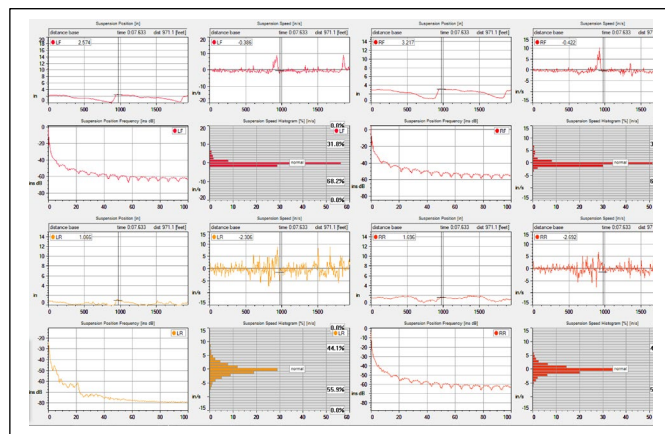
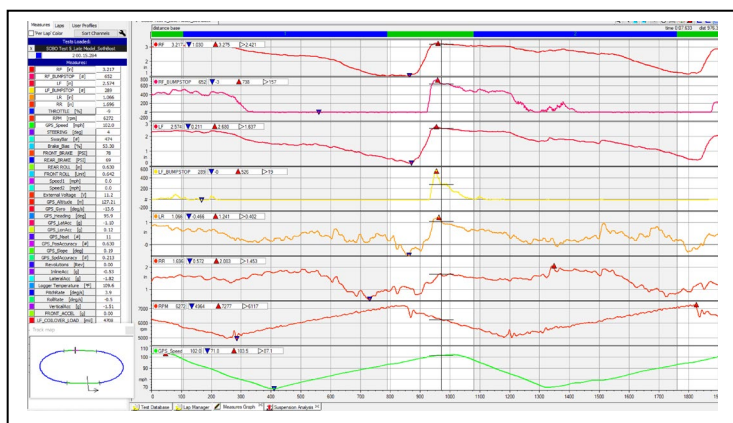
Kit Includes:

- (1) AIM EVO-5 Wifi Data Logger with 4 Channel Harness and Carbon Mounting Kit
- (1) 4 Channel Accessory Harness
- (1) 1 GPS Sensor with Cable
- (4) Shock Position Sensors with Mounts (String Style or Linear, Your Choice)
- (4) Custom Length Premium Sensor Cables (Built to fit your chassis)
- (1) 90 Minute Private Training Class (Via Zoom or In-Person at Our Facility)
- (1) Configuration & Data Analysis Software
- (1) Instruction Manual + Online Access to Training Videos
- (1) Storage Case



Specify Configuration when Ordering: Asphalt, Dirt, Road Race

Additional Sensors & Accessories: See Next Page for Listing





DRP 4+ Wifi Data Acquisition System

New for 2022. Updated RS400 now includes (2) ground base adjustable lasers. Increases accuracy and saves time. These systems are ideal for teams taking static measurements. Lasers require re-setting after adjustments are made.

Features:

- Sold without Sensors. 4 Open Channels Pre-Configured for Shock Sensors.
- Analyze Drivers Line via GPS
- Measure Lap Times and Segment Times (Corner Times vs. Straight Away Times with Track Map)
- Measure RPM & G-Loads (Lateral, Longitudinal & Vertical)
- Measure Driver Inputs, Suspension Loads & Engine Data with Additional Sensors
- Wireless Data Downloading from the Car to the Trailer (No need to plug computer into car.)
- Tech Support from Our Team
- Easily Email, Share and View Data Files with Others
- Add up to 28 Additional Channels!

\$2650.00

Specify Configuration, Add Sensors

Kit Includes:

- (1) AIM EVO-5 Wifi Data Logger with 4 Channel Harness and Carbon Mounting Kit
- (1) 1 GPS Sensor with Cable
- (1) Configuration & Data Analysis Software
- (1) Instruction Manual + Online Access to Training Videos
- (1) Storage Case

Add Your Choice of Sensors and Accessories:

- Shock Position Sensor (String Style, 26")
- Shock Position Sensor (Linear Style, for 5" Shocks)
- Shock Position Sensor (Linear Style, for 7" Shocks)
- Shock Position Sensor (Linear Style, for 8-9" Shocks)
- Steering Position Sensor with Rack Mount
- Throttle Position Sensor
- Brake Pressure Sensor
- Bump Stop Load Cell
- Sway Bar Load Cell (Slapper Style)
- Sway Bar Load Cell (1/2" Rod End Style)
- Trailing Arm Load Cell (5/8")
- Trailing Arm Load Cell (3/4")
- Load Cell Module (Required for all Load Cells)
- Lateral Grip Sensor
- IR Tire Temp Sensor Kit
- Additional 4 Channel Accessory Harness
- Additional 4 Channel Bulkhead





DRP DASH Wifi Data Acquisition System

New for 2022. Updated RS400 now includes (2) ground base adjustable lasers. Increases accuracy and saves time. These systems are ideal for teams taking static measurements. Lasers require re-setting after adjustments are made.

Features:

- Digital Dash – See Live Sensor Data in the Car. Customizable Views.
- Configurable Warning Lights
- Sold without Sensors. 4 Open Channels Pre-Configured for Shock Sensors.
- Analyze Drivers Line via GPS
- Measure Lap Times and Segment Times (Corner Times vs. Straight Away Times with Track Map)
- Measure RPM & G-Loads (Lateral, Longitudinal & Vertical)
- Measure Driver Inputs, Suspension Loads & Engine Data with Additional Sensors
- Wireless Data Downloading from the Car to the Trailer (No need to plug computer into car.)
- Tech Support from Our Team
- Easily Email, Share and View Data Files with Others
- Add up to 28 Additional Channels!

\$4350.00

Specify Configuration, Add Sensors

Kit Includes:

- (1) AIM MXP Wifi Data Logger with 4 Channel Harness
- (1) 1 GPS Sensor with Cable
- (1) Configuration & Data Analysis Software
- (1) Instruction Manual + Online Access to Training Videos
- (1) Storage Case

Add Your Choice of Sensors and Accessories:

Shock Position Sensor (String Style, 26") \$389.

Shock Position Sensor (Linear Style, for 5" Shocks) \$

Shock Position Sensor (Linear Style, for 8-9" Shocks) \$

Steering Position Sensor with Rack Mount \$369

Throttle Position Sensor \$369

Brake Pressure Sensor \$

Bump Stop Load Cell \$

Sway Bar Load Cell (Slapper Style) \$

Sway Bar Load Cell (1/2" Rod End Style) \$

Trailing Arm Load Cell (5/8") \$

Trailing Arm Load Cell (3/4") \$

Load Cell Module (Required for all Load Cells) \$

Lateral Grip Sensor \$

IR Tire Temp Sensor Kit \$

Additional 4 Channel Accessory Harness \$

Additional 4 Channel Bulkhead \$

****Back Up Camera/Digital Rear View Mirror**





DRP Data Acquisition Sensors & Accessories

Shock Position Sensor – String Style \$399.00

- Measures Shock Position. 26" Total Travel.
- Spring Loaded Cable Design is More Durable than Linear Sensors
- Very Accurate and Easy to Mount.



Shock Position Sensor – Linear Style \$289.90

- Measures Shock Position. Specify 5", 7" or 9" Shock. No Mounts Included.
- Very Accurate. Do Not Use on Throttle.



Shock Sensor Mount – Round Tube Clamp-On \$24.80

- Mounts Shock Sensors to Round Tube Using Hose Clamp
- Sensor Can Mount in 2 Locations.
- Billet Aluminum



Shock Position Sensor Mount – Over the Bolt Style \$18.00

- Mounts Shock Sensor to Shock Bolt
- Fast And Accurate Mount. Slips Over Bolt Head
- 10-24 Thread. Available in 3 Lengths.



Shock Position Sensor Mount Kit \$249.00

- Universal Mounting Kit for Shock Sensors
- Includes: (8) Slip-On Mounts (2) Extension Mounts (2) Round Tube Mounts, Bolt & Spacer Kit



Shock Position Sensor Mount – Extension Mount \$24.00

- "Extends" Bolt to Reach Sensor
- 3" Long. Multi Hole. 10-24" Thread.
- Also Use to Change Bolt Orientation to Align Sensor.



Throttle Position Sensor \$379.00

- String Style Sensor is Safest Throttle Sensor
- Universal Mounting Bracket
- 3/16" Hole for Carb. Mount



Steering Position Sensor \$389.00

- String Style Sensor
- Includes Clamp-On Mount for Rack & Pinion Mounting.
- Spring Loaded, 26" Total Travel





DRP Data Acquisition Sensors & Accessories

4 Channel Expander \$388.00

- Adds (4) Analog Channels
- Use with Any AIM Data System

4 Channel Expander (Data Hub) \$77.00

- Adds (4) Digital (CAN) Channels
- Use with Digital Sensors or Analog Channel Expanders

Brake Pressure Sensor \$220.00

- Measures Brake Pressure
- Use 1 Sensor in Front & 1 in Rear for Accurate Brake Pressure Bias
- Great way to identify Brake Binds and Driver Brake Pedal Input

Trailing Arm Load Cell \$1049.00

- Measures Load/Force on Trailing Arm or Top Link
- 5000lbs Max Load
- Tension & Compression. Includes Load Cell Module.

Sway Bar Load Cell – Solid Style \$990.00

- Measures Load/Force on Sway Bar
- 5000lbs Max Load. ½" Rod End Mounts.
- Tension & Compression. Includes Load Cell Module.

Sway Bar Load Cell – Slapper Style \$990.00

- Measures Load/Force on Sway Bar
- 5000lbs Max Load. Sway Bar Arm Mount with Dome Washer.
- Compression Only. Includes Load Cell Module.

Bump Stop Load Cell \$899.00

- Measures Load/Force on Bump Stop
- 5000lbs Max Load
- Compression Only. Includes Load Cell Module.

Spring Load Cell \$1249.00

- Available for Coil-Over & Conventional Springs
- Measures Load/Force on Spring
- 5000lbs Max Load
- Compression Only. Includes Load Cell Module.





DRP Data Acquisition Sensors & Accessories

Droop Limiter Load Cell \$990.00

- Measures Load/Force on Droop Limiter
- 5000lbs Max Load
- Tension & Compression. Includes Load Cell Module.

Lateral Accelerometer \$219.00

- Measure G-Load
- More G-Load = More Side Bite/Lateral Grip
- Use 1 Sensor in Front & 1 Sensor in Rear for Grip Balance



Wheel Speed Sensor \$85.00

- Hall Effect Sensor
- Measures Wheel Speed Off of Rotor Bolt Head, Wheel Stud, etc.
- Use 1 Sensor in Front & 1 in Rear to Measure Wheel Spin



Back Up (Rear View) Camera Kit \$255.00

- Use with Digital Dash Systems.
- Includes Camera & Push Button Harness for Instant Viewing
- Works as a Digital Rear View Mirror



Tire Temp Sensor Kit Call for Current Pricing

- Measures Live Tire Temperatures.
- One Sensor Measures 4 Temps Across Tire
- Use to Set Camber, Air Pressure, etc.



Custom Sensor Cable \$79.90

- Sensor Cables Built to Length.
- Premium Shielded Silicone Cable Lays Straight and Resists Damage
- Specify Ends



Premium Sensor Cable \$69.90

- 2', 4', 6', 8' & 12' Lengths.
- Premium Shielded Silicone Cable Lays Straight and Resists Damage
- Specify Connectors



Standard Sensor Cable \$52.85

- 3', 6', 9' & 12' Lengths.
- Economy Cable
- Available with Snap Connect or Threaded Binder Connectors





DRP Data Acquisition Sensors & Accessories

Smarty Cam \$1149.00

- Ultra Heavy Duty Billet Aluminum Video Camera
- Syncs to EVO-5 & 4S Data Loggers
- Can Display Sensor Data, Track Map, Etc. on Replay



Solo 2 Lap Timer \$459.00

- A GPS Lap Timer
- Records Lap Times, Track Map, RPM, Segment Times, MPH
- Can Sync with Smarty Cam



MXP Digital Dash \$2599.00

- Digital Dash – See Live Sensor Data in the Car. Customizable Views.
- Configurable Warning Lights
- Sold without Sensors. 4 Open Channels Pre-Configured for Shock Sensors.



EVO-4S Data Logger \$1349.00

- Stock Data Logger – No Configuration Loaded.
- Uses Race Studio 3
- Includes: Data Logger, GPS Sensor, Power Cable, RPM Cable, Manual



EVO-5 Wifi Data Logger \$1899.00

- Stock Data Logger – No Configuration Loaded.
- Uses Race Studio 3
- Connect to Data Logger via Wifi. Download Data & See Live Sensor Data
- Includes: Data Logger, GPS Sensor, Power Cable, RPM Cable, Main Harness, Manual



EVO-5 4 Channel Accessory Harness \$409.00

- Accessory Harness for EVO-5
- Adds 4 Analog Channels & 2 Speed Channels.





Precision Rear End Fixtures

Digital Precision Rear End Fixture

Bent rear ends cause major handling headaches. You don't have to crash to bend an axle tube. You can check your rear manually, but when it's a pain, you don't often do it. Easily stay up on your maintenance and maintain the advantage with your own precision rear end fixture.

Features:

- Measures Rear End Housing for Toe & Camber on Each Wheel
- Measures Side Bells on Quick Change Rears (Allows user to determine if the bell is bent)
- Straightens Axle Tubes
- Adjustable Pinion Angle
- Accurate to +/- .005"
- Precision Machined Billet Aluminum. Designed to last.

Includes:

- (1) Rear End Housing Cradle Assembly
- (2) Hub Plates
- (1) Digital Caliper
- (2) Load Struts
- (1) Instructions

\$2575.00

*Specify Quick Change or 9" Ford
5x5 Adapter Plates Add \$130 (pair)
Custom Adapter Plates Available*



Standard Precision Rear End Fixture

Works just like the digital version, except with tape measures. Fast and as accurate as your tape measure.

Features:

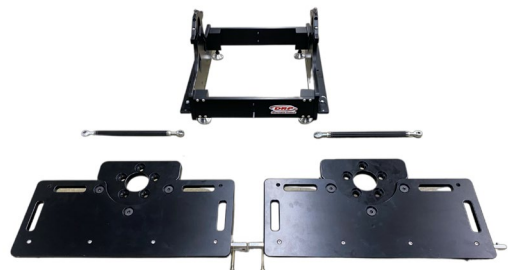
- Measures Rear End Housing for Toe & Camber on Each Wheel
- Measures Side Bells on Quick Change Rears (Allows user to determine if the bell is bent)
- Straightens Axle Tubes
- Adjustable Pinion Angle
- Precision Machined Billet Aluminum. Designed to last.

Includes:

- (1) Rear End Housing Cradle Assembly
- (2) Hub Plates
- (1) Digital Caliper
- (2) Load Struts
- (1) Instructions

\$1945.00

*Specify Quick Change or 9" Ford
5x5 Adapter Plates Add \$130 (pair)
Custom Adapter Plates Available*





Spindle Fixture

Digital Precision Rear End Fixture

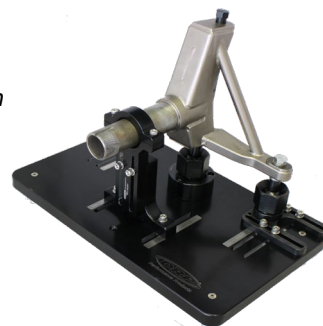
Accurately build, repair, measure, compare and check spindles. A great tool for duplicating an existing spindle or making a change without starting from scratch.

Features:

- Adjustable Spindle Height from 6" to 14"
- Adjustable Drop
- Adjustable King Pin Inclination
- Adjustable Offset (Treadwidth)
- Adjustable Steering Arm Length, Height & Angle

\$1350.00

Specify Ball Joints & Spindle Pin



Includes:

- (1) Complete Spindle Fixture with 1 Steering Arm Attachment

"Race smarter, not harder." -Anonymous

Purpose • Passion • Performance

More than a slogan, these are the pillars of our culture and define who we are.

Purpose: DRP is a business ministry. Our purpose is summed up in our Mission Statement:

"Our mission is to build exceptional products that lead people to us, so that we may lead them to Jesus." We "lead others" to Jesus through our actions and placing copies of God's word. To date, DRP has placed millions of copies of God's word in countries all around the world. Our vision is to share Jesus with 100,000,000 people, while transforming our community.

Passion: We are passionate about quality products, exceptional service, and our purpose.

Performance: We are a performance company. We build high performance products and work in a high performance way. Every product we build is designed to improve your performance on the track.

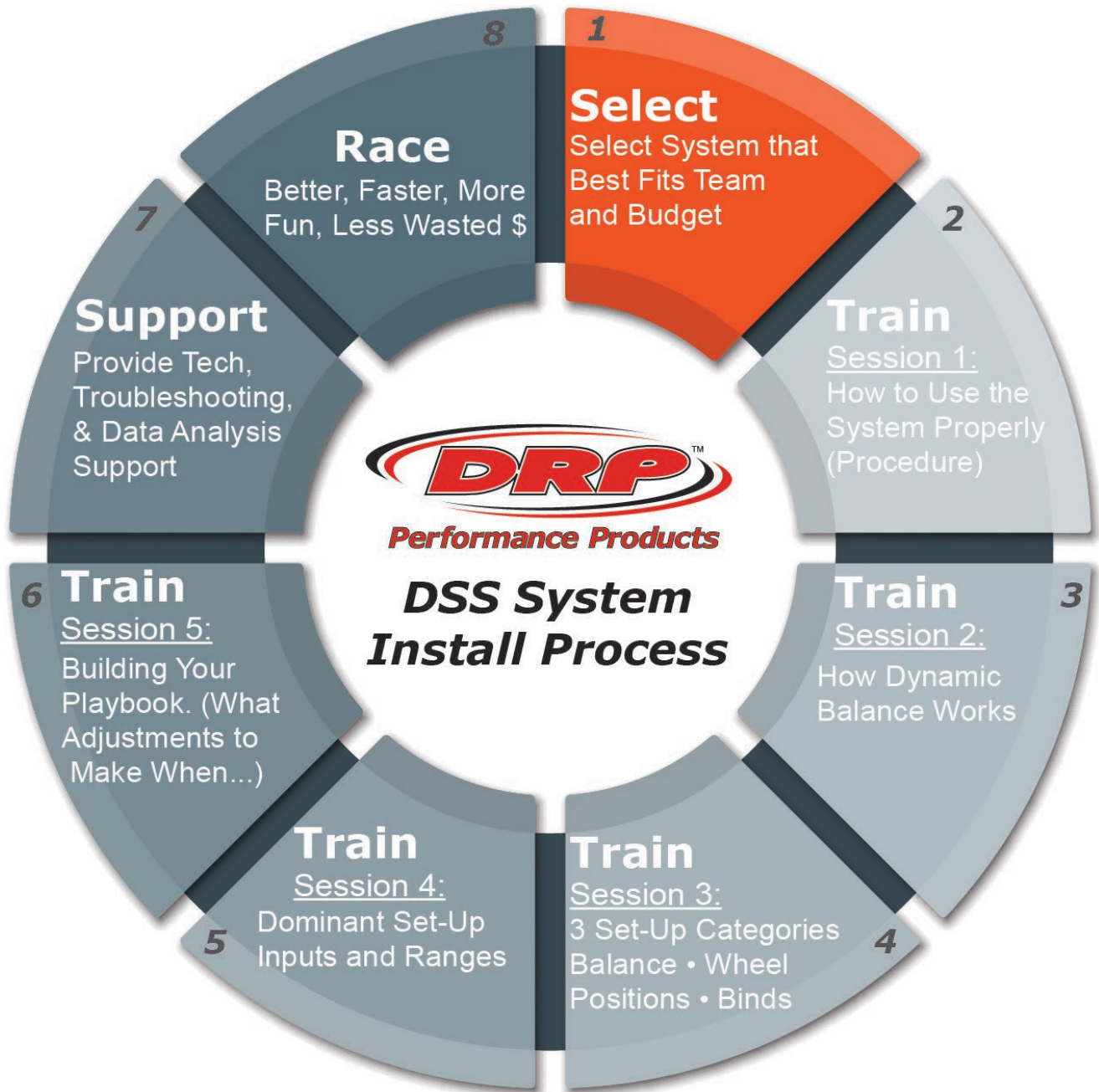
Our Ministry Partners:



**Henry County
Food Pantry**



When you buy a DRP product, you are not on your own. We will work with you until you get it figured out. Training is the key. Training can be via videos or in-person. Sessions can be done individually or grouped into one day.





A Small Sample of What Our Customers Tell Us:

"Far beyond what I expected. Very impressive to say the least."

"We have learned so much and it's paying off on the track."

"We got our numbers much closer to your suggestions and the car has been a rocket."

"We were able to take 300lbs of rebound out of the front shocks after correcting the front suspension issue we found."

"It is an absolute joy to use these tools."

"If we don't pull down before a race, I feel like we're missing something."

"We can't race without it."

"We would have been throwing springs and shocks at it instead of fixing the problem."

"I would have never thought to change that."

"We feel like this was a big reason we were so dominate."

"The car drove better. I could feel the front end. I'm very tickled."

"It's paid for itself already!"

"I just wanted to say thank you for selling me a great set-up tool."

"It opened my eyes to how much I didn't see dynamically."

"The people that I used to call for tech support are now calling me."

"The more of your stuff I buy, the better I like my job!"

"These tools are invaluable to me."

"I just wanted you to know that I won again Saturday... The car is really good. Thank you for all the help in getting us back to winning. ...It's the pull down rig and data system and the laser system that has us performing better. Thanks for everything."

*"Wanted to say thank you for all your help. Our home-built chassis designed from what we're learning on the pull down rig has exceeded our expectations. First time out in race trim, we won the *****
***** against 50 plus cars!"*

Check Out Our Chassis Set-Up Products
Catalog & Our On-line Training
Platform

