



# 2012MY

directory of performance accessories

Racing Development

**TRD**



# UNPARALLELED ENGINEERING

There's a saying in racing, "no guts... no glory." Well, that's only partially true. Because today, it takes so much more: Like the brain of an engineer. The soul of a racer. The heart of a winner. And the insight and resources of a company like Toyota. Add it all up and you've got Toyota Racing Development —TRD, the first name in high performance parts for your Toyota or Scion.

TRD has played a prominent role in racing for over five decades, capturing the checkered flag everywhere from the legendary Brickyard of the Indy 500 to the high-speed race-tracks of NASCAR, from the top of Pikes Peak to the streets of Long Beach. Even at the grassroots level, TRD engines and racing technology have been helping amateur competitors get the edge and capture the glory.

But TRD does not live by racing alone – TRD is also about producing the parts and equipment that today's driving enthusiasts want, allowing you to explore new levels of performance in your street-legal Toyota/Scion car, truck or SUV. What makes TRD parts unique? First, every TRD part is designed and built to perform to the same exacting standards that have made Toyota vehicles world famous – that's quality you can count on. Second, each component is crafted to fit with exacting precision to make your driving experience even more gratifying and exciting. And third, each part is thoroughly tested and refined to ensure your vehicle maintains the proper safety margins on the street or at the track.

TRD: the oldest and best name in high performance for your Toyota or Scion.



# superCHARGERS

TOYOTA RACING DEVELOPMENT  
**TRD**



TRD uses superchargers rather than turbochargers – both designs do a good job of boosting top-end power, but what about low-end? While turbo engines wait for the turbocharger to “spool up,” the crank-driven supercharged engine is accelerating off into the sunset! TRD superchargers are tuned to deliver more torque and horsepower from idle to redline, giving you immediate throttle response. That way, you get the power and torque of a larger displacement engine when you want it... and the lighter weight and greater efficiency of a smaller engine when you don't. So when your goal is more power.... count on TRD superchargers to deliver.



**Please note:**

These TRD Superchargers are to be sold only as a Dealer installed or over-the-counter option after the retail sale of the vehicle. These Superchargers may not be sold to the customer at the same time as the new vehicle and may not be Financed/Leased together with the new vehicle. For a complete list of vehicles, part numbers and Series, please consult your Dealer. Warranty is the same as other TRD Powertrain components: 12 months or 20,000 Kms or the balance of the 5 year/100,000 Kms new vehicle Powertrain warranty, whichever is greater, when installed by an authorized Toyota Dealer.



# superCHARGERS

Dictionary definition – a supercharger is a compressor driven by the engine for supplying air under high pressure to the cylinders of an internal combustion engine. Reality definition – a supercharger is a device that plants an ear-to-ear grin on your face every time you step on the accelerator! The performance differential is dramatic – you might even swear you dropped in a whole new motor... while all you did was bolt on a TRD Supercharger.

Put simply, supercharging provides the easiest, most dramatic and most reliable boost in horsepower and torque – and thanks to Toyota Racing Development you can add peace of mind to that equation too. Because TRD superchargers are purpose-built for each engine – no generic parts here. That way you know you have the right combination for power, performance and long-term durability .

Here's why superchargers work: Higher cylinder pressure longer, rather than just high peak pressure, means more power from every power stroke.

'12 SEQUOIA	Series	Part Number	MSRP*
	Hoist Mounting Bracket	PTR2534070	\$60.00
	Main Assembly	PTR2934070	\$4000.00
	Fit Kit	PTR290C110	\$4000.00
'12 TUNDRA	Hoist Mounting Bracket	PTR2534070	\$60.00
	Main Assembly	PTR2934070	\$4000.00
	Fit Kit	PTR2934110	\$4000.00
'11 TACOMA	Main Assembly	PTR2935090	\$5000.00
	Fit Kit	PTR2935110	\$650.00



*\*Please note MSRP price is part price only, does not include taxes or installation*

## Sport MUFFLERS

TRD Sport Mufflers deliver a measurable boost in performance, are emissions compliant, and meet all after-market noise limit standards. Built exclusively of stainless steel, TRD sport mufflers use factory-type connector flanges and gaskets.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion tC	PTR0321100	\$650.00
Scion xD	PTR0352071	\$525.00
Scion xB	PTR0352072	\$525.00
Yaris	PTR0352080	\$525.00



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# cat back EXHAUST



The term “Cat-Back” refers to an exhaust system that includes everything from the rear of the catalytic converter to the end of the tailpipe. TRD Cat-Back Exhaust Systems boost performance by reducing back pressure for added high-end horsepower. They also produce a deep, throaty tone. Crafted of stainless steel, these systems use factory-type connector flanges and existing factory mounting hangers to ensure a precise fit and long-term durability.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Tacoma LWB	PT91089060	\$700.00
Tacoma SWB	PT91089061	\$700.00
FJ Cruiser	PTR3135070	\$600.00
Tundra *	PTR03 34101	\$650.00
Tundra *	PTR03 34106	\$450.00

*\* Both Part Numbers required for complete exhaust system.*



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# performance handling and modifying your **SUSPENSION**

When it comes to suspension, it's not just about a stiff ride or body lean in the corners – bottom line, it's all about physics: Keeping all four tires in touch with the road for maximum traction and optimum control. Because once you lose traction – there goes control. What makes TRD suspension components special: First and foremost, TRD designs suspension components based on the engineering data that was used in the design of the vehicle in the first place. Aftermarket manufacturers can't make that claim. Second, every TRD component must meet Toyota and Scion standards – that means extensive testing and refinement to ensure they deliver a measurable improvement, but also preserve the safety margins (which aftermarket companies do not have to do). Third, TRD components improve handling while having little or no impact on noise or vibration. Finally, TRD components are designed to work on their own, or in harmony with other TRD components.

The final result: TRD suspension components give you a unique mix of handling, performance and genuine TRD quality that no one else in the industry can match.





# lowering SPRINGS

How low do you want to go? Well, then, these TRD Lowering Springs are just the ticket. They typically drop your vehicle from 1- to 1½-inches, lowering the center of gravity for quicker turn-in, enhanced steering response and improved cornering.

They also come with another feature – peace of mind. Because you know that before they go on your Toyota/Scion, TRD has had them out on the proving grounds running through the slalom, skid pad and on the high-speed road course. We do this for two reasons – to check the handling... and to ensure they don't rattle, clunk or rub when pushed to the limit (when used with OEM or TRD wheel/tire combinations).

And like all TRD products, they're built using the finest materials, like cold rolled, high quality spring steel to prevent long-term setting or sagging. Then they are phosphate-and-epoxy coated for long-term corrosion protection. So when it's time to get down... do it the TRD way.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion iQ	PTR07 74110	\$315.00
Scion xB	PTR0752080	\$315.00
Scion tC	PTR1121100	\$315.00
Scion xD	PTR1152081	\$315.00
Yaris	PTR1152070	\$315.00
Corolla, Matrix	PTR4002080	\$315.00

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# shock ABSORBERS



TRD performance shocks enhance your vehicle's performance by helping provide a firm, well-managed ride without excessive harshness. Tuned specifically for each application, these twin-tube, high-strength shocks and struts use more aggressive valving to reduce body roll, resulting in overall enhanced response and cornering performance. Plus, a shorter strut cartridge improves wheel travel. TRD performance shocks are designed to work with either stock springs or TRD lowering springs—and complement TRD performance wheel/tire combinations, making them the ideal choice for extreme street applications.



<u>Description</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion xD, Yaris	PTR0452061	\$600.00 (set)
Scion xB	PTR0452080	\$600.00 (set)
FJ Cruiser (front)	PTR1335100	\$175.00 (each)
FJ Cruiser (rear)	PTR1335101	\$175.00 (each)

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## sway BARS

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion iQ	PTR11 74110	\$350.00 (rear)
Scion xB	PTR1152091	\$300.00 (rear)
Scion xD, Yaris	PTR1152071	\$250.00 (rear)
Corolla, Matrix	PTR1112080	\$300.00 (rear)
Tundra	PTR1134070	\$300.00
<u>Tundra Performance Handling Suspension Kit (4x2 only)</u>	<u>Part Number</u>	<u>MSRP*</u>
Front Suspension Kit	PTR113407001 (1 required)	\$750.00
Rear Suspension Kit	PTR113407002 (1 required)	\$550.00
Rear Leaf Spring	PTR113407003 (2 required)	\$350.00

Truth is, the term “sway bar” is a misnomer. Actually, they’re anti-sway bars because they reduce body lean in corners. To make that a reality, TRD Sway Bars are typically 25 - 100% stiffer than stock. In real world terms, that gives your Toyota/Scion a flatter, more stable cornering stance. They also reduce under steer, providing you with more responsive feel, while preserving the secure handling of the original steering and suspension systems. These TRD sway bars are constructed of the highest quality materials and have an attractive powder coat finish to prevent corrosion and road damage. TRD sway bars work with stock suspension or a lowered vehicle and are a direct bolt-on.

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# strut BRACE

Pop the hood – nothing says serious better than seeing a Strut Brace added to your Toyota/Scion. Check out the benefits – TRD strut braces increase the chassis rigidity, reduce flex and enhance handling during aggressive cornering or rough-road driving. They also provide a tighter, more rigid overall feel. Best of all, because they're made by TRD you know they're going to fit right the first time. That's because they're constructed of the finest materials and crafted to fit with exacting precision. In fact, each application is rigorously checked for fit and function and road-tested over a variety of road surfaces to ensure there are no squeaks, rattles, or excessive ride harshness.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion tC	PTR0621110	\$300.00
Scion xB	PTR0252080	\$300.00
Corolla, Matrix	PTR0212080	\$300.00



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Racing Development

TRD



# alloy WHEELS

It's too easy to assume all wheels are created equal. But think about how they are engineered: At TRD, we go back to the basics – studying the original engineering design criteria of the vehicle... then we use state-of-the-art CAD design techniques to create the right wheel for that vehicle. That means having the proper offset. The right weight. Ensuring nothing rubs the suspension or the body. And that there's optimum ventilation for the disc brakes. Once all that is accomplished, then the next step is making sure these wheels are knockout gorgeous and finished to stand up to the rigors of the road. Here's another key fact – all TRD wheels are designed to work with the existing Tire Pressure Monitoring System sensors, where applicable. All TRD wheels are sold individually, complete with center cap and lug nuts.



Please see Dealer for approved tire sizing for your vehicle.



Corolla, Matrix, xD  
PTR20 52082  
18" x 7.5 TRD Alloy  
MSRP\* \$275.00/wheel



Corolla, Matrix, xD  
PTR18 21060  
18" x 7.5 TRD Alloy  
MSRP\* \$275.00/wheel



Matrix  
PTR20 12084  
19" x 8 TRD Alloy  
MSRP\* \$300.00/wheel



Tundra, Sequoia  
PTR45 34070  
17" x 8 TRD Alloy  
MSRP\* \$400.00/wheel



FJ Cruiser, Tacoma  
PTR18 35090BR  
16" x 7.5 TRD Alloy  
MSRP\* \$300.00/wheel



tC  
PTR56 21110  
19" x 8 TRD Alloy  
MSRP\* \$300.00/wheel



Corolla, Matrix, xD  
PTR18 21070  
18" x 7.5 TRD Alloy  
MSRP\* \$275.00/wheel



xB,  
PTR20 12080  
19" x 8 TRD Alloy  
MSRP\* \$300.00/wheel

# big BRAKE KIT

Fast is fun. But you need to stop too. TRD Big Brake Kits include larger rotors and calipers that are designed and tested for full compatibility with ABS and vehicle stability control systems.

These TRD big brake kits are sized specifically for each vehicle to maintain the factory front-to-rear weight balance, while enhancing stability during aggressive driving and panic stops. And to top it all off, the calipers are finished in high-temperature TRD red epoxy and boldly feature the TRD logo. TRD big brake kits – when only the best will do!



<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion tC (front)	PTR0921111	\$1550.00
Scion xB (front)	PTR0952080	\$1550.00
FJ Cruiser (front)	PTR0935100	\$2050.00
Tundra (front)	PTR0934070	\$2150.00



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# brake PADS

Look at the size of a brake pad. Now stop and think – 8 of those can bring a vehicle to a screeching stop in seconds. Impressive – when you have the right brake pads. And TRD High-Performance Brake Pads are the right choice for select Toyota/Scion vehicles. These pads are a direct replacement, so they're easy to install. And, they use the optimum pad material for impressive braking performance while minimizing wear, brake noise and excessive brake dust – and that's a winning combination.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
xB, xD	PTR0942080	\$150.00
Sequoia (front)	PTR0934080	\$150.00
Sequoia (rear)	PTR090C080	\$150.00



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# oil FILTERS

You may take your oil filter for granted, but this small, inexpensive part of your vehicle's lubrication system plays a vital role in protecting the engine from premature wear – particularly in a high-performance engine. Each moving part in the engine and the cylinder walls requires clean oil for proper lubrication and lasting life. That's why TRD High-performance oil filters are designed to hold 45% more dirt than the leading national brand – that means TRD filters keep filtering long after other filters have completely quit.

TRD high-performance oil filters also have a silicone anti-drain valve that stays flexible at extreme temperatures and eliminates dry start wear by retaining oil after engine shutdown. It's all about the design – inside these oil filters you'll find arch-pleated, low restriction internal filter media that lets the engine pump more oil, helping to protect vital engine components.

TRD high performance oil filters deliver filtering performance backed by TRD quality.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Corolla, Matrix, xB	PTR4333010	\$20.00
Tundra	PTR4300081	\$20.00
FJ Cruiser, 4Runner	PTR4300079	\$20.00
Multiple	PTR4300082	\$20.00



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# air FILTERS

Oil and water don't mix. But what about oil and cotton? Together, they form the basis for TRD High-Performance Air Filters. The benefits are amazing: For one, it's a free-flowing design that allows the maximum amount of air into the engine with minimal resistance. Second, they do not affect the factory warranty on your Toyota/Scion.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
xD, Yaris, Corolla, Matrix	PTR4300072	\$90.00
tC, xB, RAV4, Corolla XRS, Matrix XRS	PTR4300084	\$90.00
Highlander	PTR4300087	\$90.00
Tacoma	PTR4300070	\$90.00
FJ Cruiser, 4Runner	PTR4300083	\$90.00
Tundra, Sequoia	PTR4300090	\$90.00
Filter Cleaning Kit	PTR4300088	\$90.00



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## performance air INTAKES

When it comes to air, hot is bad, cool is good. Why? Because when air is “cold,” it’s more dense... therefore, it packs more power. One way to deliver colder air to the engine is by adding a TRD Cold Air Intake system – these systems are dyno tested and deliver an increase in both horsepower and torque for superior acceleration and more pulling power (they sound good, too).

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion xB	PTR0352100	\$475.00
Scion tC	PTR0321101	\$475.00
4Runner	PTR0389100	\$470.00
Tundra, Sequoia	PTR0334100	\$500.00

**Please note:**

These TRD Cold Air Intakes are to be sold only as a Dealer installed or over-the-counter option after the retail sale of the vehicle. These Cold Air Intakes may not be sold to the customer at the same time as the new vehicle and may not be Financed/Leased together with the new vehicle. For a complete list of vehicles, part numbers and Series, please consult your Dealer.

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## quick SHIFTERS

In the old west, gun battles were won by the fastest draw. On the track, races are won by the quickest shifts. On the street, quicker shifts mean more driving enjoyment. To help make these goals a reality, TRD offers a whole line of quickshifters that feature up to a 1/3 shorter shift throw as well as faster, more positive shifting. TRD quickshifters are available for a variety of popular Toyota/Scion vehicles. Their performance-oriented leverage ratios and rugged steel construction create a solid race-car-like feel.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Scion xB	PTR4652080	\$200.00
Scion xD, Yaris, Yaris HB	PTR4652081	\$200.00
Scion tC	PTR5421100	\$200.00
Tacoma 4 x 4	PTR0435052	\$375.00
FJ Cruiser	PTR0435070	\$375.00



*\*Please note MSRP price is part price only, does not include taxes or installation*

# shift KNOBS

It's all about the feel: The shift knob of a manual transmission is one place where you interface with your vehicle. And to shift right, it just has to feel right. TRD Shift Knobs are easy to install – a self-tapping sleeve assures a tight screw-on fit to any M12 x 1.25 metric Toyota/Scion shift lever.

<u>Series</u>	<u>Part Number</u>	<u>MSRP*</u>
Multiple	PTR2635060	\$75.00
Multiple	PTR3452070	\$55.00
Multiple	PTR3452080	\$75.00



*\*Please note MSRP price is part price only, does not include taxes or installation*



# warranty

TRD Parts are warranted for 12 months or 20,000 Kms from the date of installation or the balance of the new vehicle warranty in force at the date of installation, whichever is greater, when installed by an authorized Toyota Dealer. TRD Parts installed by anyone other than an authorized Toyota Dealer are warranted for 12 months. Specific warranty information is included with the supercharger.

This warranty does not cover maintenance services such as replacement of brake pads/linings and clutch linings. This warranty does not cover noise, vibration, cosmetic conditions and other deterioration caused by normal wear and tear.

TRD customers are responsible for ensuring that the use of any TRD Part complies with all applicable federal, provincial or local laws, regulations and ordinances.

Disclaimer: Pricing is subject to change without notice, actual price may vary; installed rates may also vary by dealer. Price does not include applicable tax, or installation. Warranty may subject to change without notice. Specification may change without notice. See your dealer for final pricing, warranty, and availability.

Please note all information referring to applications, pricing and availability is accurate at time of printing. Please check model availability and full specification details with your Toyota dealer prior to ordering.

## Sale Eligibility:

TRD Parts, with the exception of Air Intakes and Superchargers, have been deemed compliant and are available for sale on the same bill of sale as a new vehicle.

When installing wheels on a vehicle prior to delivery, ensure the recommended tire size is installed, along with the proper tire pressure amendment label.

TOYOTA RACING DEVELOPMENT

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WARRANTY