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PEDDERS

SUSPENSION

PONTIAC **G8**



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PONTIAC **G8**

Pedders USA, LLC has a comprehensive range of suspension products to suit the Pontiac G8. The range comprises: ball joints, wheel hubs, urethane bushes, coil over shocks, shocks, sway bars, springs, sway bar links, power steering parts, bumpstops, end links and strut mounts. For further information please visit the catalogue section of our website www.peddersusa.com



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PONTIAC **G8**

STREET KITS

Street Kit 1:

The G8 GT arrives in the USA as an excellent automobile. The ALL NEW class leading ZETA chassis design is nothing short of terrific. The vehicle delivers at a bargain price and is tuned for North American standards of comfort and control. Pedders is an Australian company with a passion for all things motor sports. We don't ride in our cars -- we drive them the way we feel they should be driven. The Street I System for the G8 sharpens the claws on this Pontiac. It addresses what we consider to be the fundamental weaknesses of the vehicle: No caster adjustment, soft sub-frame bushes at all four IRS mounting points, overly soft and voided differential mount bushes and a hydraulically damped front radius rod arm bush. With these four components installed your G8 will track better over all surfaces and in general feel tighter and more controlled with absolutely no change in ride comfort. It is low hanging fruit that you should grab the minute you take delivery of your 6 or 8

Pedders G8 Street I Kit		
Part #	Description	Qty
EP1169	G8 Rear eXtreme Sub-Frame Co	1
EP6560	Zeta Front Radius Rod Bush	1



Street Kit 2:

The Street II includes all the bits in the Street I and adds Pedders Gas SportsRyder dampers at all four wheels. The G8 delivers with oil and air basic dampers from Monroe Australia. They are acceptable units on most cars, but the G8 and you deserve better. Pedders GSRs are nitrogen charged twin tube dampers tuned for greater control. Since the G8 arrives sitting rather tall, we conservatively drop the ride height with slightly higher coils rates. You bought the G8 as a performance sedan and not to be a rock hard suitable only for the track toy. Everything we make for the G8 keeps that in mind. It should drive like a European sedan that cost three times as much - but keep the passenger compartment comfortable for the longest trip. You'll find you GSR damped, SportsRyder spring and bushed G8 to do that and more. Ride quality is more composed than OE and the handling is excellent.

Pedders G8 Street II Kit		
Part #	Description	Qty
2954	Zeta Front Sport Coil 634mm	2
2955	Zeta Rear Sport Coil 643mm	2
4358	Pont GTO Bump Stop Front	2
5030	Strut Mount Bearing	2
5851	Heavy Duty Strut Mounts	2
9295	Zeta Rear GSR Shock	2
9464L	Zeta Front Left GSR Strut	1
9464R	Zeta Front Right GSR Strut	1
EP1167	Zeta Differential Mounts	1
EP1169	G8 Rear eXtreme Sub-Frame Co	1
EP6560	Zeta Front Radius Rod Bush	1
PDUSAG8FULL	G8 Full Alignment Kit	1



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STREET KITS

Street Kit XA:

This is a value Package with a kick. The new state of the art Pedders eXtreme Xa coil overs are revolutionizing the auto community. The Mono tube 30 way adjustability will give you the ultimate in desired ride; a flexible ride. Maximum comfort when you want, to killer control when you have to show the world you are on top of your game. This package will include the critical bushings of Street 1.

Pedders G8 Street XA Kit		
Part #	Description	Qty
160064	G8 Ext XA Adjust Coilover	1
4659	G8 Extreme Strut Brace	1
EP1167	Zeta Differential Mounts	1
EP1169	G8 Rear eXtreme Sub-Frame Co	1
EP6560	Zeta Front Radius Rod Bush	1
PDUSAG8FULL	G8 Full Alignment Kit	1



Street Bush KIT:

This great bushing kit is for those that may have already changed the coils and dampers or those that like the ride quality, but the looseness of the chassis is too much. This group of bushings are specifically selected to maintain that awesome ride quality, but add a serious amount of control when driving and braking aggressively thru the twisties. AS A SPECIAL NOTE, IF YOU HAVE A GXP, YOU ONLY REQUIRE 3 EP7323s AND YOUR DAMPERS ARE SIGNIFICANTLY BETTER THAN A GT BUT NOT AT THE LEVEL OF OUR GSR DAMPERS. Please check out the supplemental alignment enhancement kit. This will add great value, reliability and performance enhancement.

Pedders G8 Bush Kit		
Part #	Description	Qty
4358	Pont GTO Bump Stop Front	2
5030	Strut Mount Bearing	2
5851	Heavy Duty Strut Mounts	2
EP1167	Zeta Differential Mounts	1
EP1169	G8 Rear eXtreme Sub-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Control Arm Inner	1
EP7263	Zeta Upper Control Arm Rearward	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing arm Inner	1
EP7323	Zeta Rear Trailing ArmToe Link	4



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ROAD COURSE KITS

Track 1 Kit:

The Pedders Track I is an entry level system for those who will be driving their G8 aggressively, if not road racing or auto crossing. The system offers all but the rear lower control arm bushing enhancements, all drop coils, our HD version of our differential bushings, and our outstanding Pedders eccentric alignment enhancement kit. There are some important supplemental components to consider. So please review to see if they meet your requirements. If you want our GSR dampers, then the TRACK II is the kit to get. Also if you do not want to drop the G8 as much as the indicated coils, then swap the supplemental coils indicated. Supplemental GSR Dampers are attached.. AS A SPECIAL NOTE, IF YOU HAVE A GXP, YOU ONLY REQUIRE 3 EP7323s AND YOUR DAMPERS ARE SIGNIFICANTLY BETTER THAN A GT BUT NOT AT THE LEVEL OF OUR GSR DAMPERS.

Pedders G8 Track I Kit		
Part #	Description	Qty
2954	Zeta Front Sport Coil 634mm	2
2955	Zeta Rear Sport Coil 643mm	2
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Control Arm Inner	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7323	Zeta Rear Trailing Arm Toe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1



Track 2 Kit:

The eXtreme Coil overs are a MAJOR INDUSTRY UPGRADE!!!!. We are now offering our exclusive eXtreme Xa Mono tube, 30 way adjustable coil over. We will offer 3 different coils: street, sport and race. The height is not adjusted by modifying spring rates like all others. These are the coolest, coil overs on the market. The 30 way DETENTED, adjustability, guarantees exact duplication when adjusting the rates. The Track II combines all the components of the Street II and adds sway bars, bushes, and HD bushes as required. With the virtual pivot point design and the advanced rear suspension you tracked G8 does not need to be over sprung and over damped. In complete OE trim it will out perform many respected marquees. With a Track II System we are going hunting for the big boys with big dollar stickers. We add more urethane bushes to create greater control. These are Pedders exclusively designed urethane bushes that use voids, shapes and volume of urethane to increase control

Pedders G8 Track II Kit		
Part #	Description	Qty
160064	G8 Ext XA Adjust Coilover	1
4659	G8 Extreme Strut Brace	1
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Control Arm Inner	1
EP7263	Zeta Upper Control Arm Rearwar	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing Arm Inner	1
EP7323	Zeta Rear Trailing Arm Toe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1

while maintaining an OE like ride. There are no squeaks. It is not rough. It is AMG like control. It has long been the Pedders philosophy that sway bars are not used to correct deficiencies in your suspension. Sway Bars are the final tuning step for a properly sprung, damped and bushed vehicle. Pedders sways offer four positions of adjustment front and three positions of adjustment rear. The include Pedders urethane D bushes as well. They are perfectly matched to provide an amazing level of control as they compliment every elements of your Pedderised G8. SPECIAL NOTE: THIS SYSTEM IS NOW UPDATED TO INCLUDE OUR HD REAR DIFF MOUNT!! Please be advised if you have a GXP, you will only need three EP7323 rear bushings Also, new to the Zeta vehicles is our full Pedders alignment enhancement kit. This kit repairs some of the inabilities, and weaknesses of the existing OE kits.

PONTIAC **G8**

ROAD COURSE KITS

Justice Kit:
 Let's be very specific; This is not a kit for everyone. Only the most serious of performance drivers should even consider it. Significant track usage, from auto crossing, road racing to drag racing, and all 3 as well, warrants this highly advanced kit. The Extreme RC (Remote Canister) and 6mm larger than XA damper, offers dual detented adjustability, to be able to give the experienced race driver, the absolute fine tuning control that they require. The Track II combines all the components of the Street II and adds sway bars, bushes, and HD bushes as required. With the virtual pivot point design and the advanced rear suspension you tracked G8 does not need to be over sprung and over damped. In complete OE trim it will outperform many respected marquees. With a Track II System we are going hunting for the big boys with big dollar stickers. We add more urethane bushes to create greater control. These are Pedders exclusively designed urethane bushes that use voids, shapes and volume of urethane to increase control while maintaining an OE like ride. There are no squeaks. It is not rough. It is AMG like control. It has long been the Pedders philosophy that sway bars are not used to correct deficiencies in your suspension. Sway Bars are the final tuning step for a properly sprung, damped and bushed vehicle. Pedders sways offer four positions of adjustment front and three positions of adjustment rear. They include Pedders urethane D bushes as well. They are perfectly matched to

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Pedders G8 Justice Kit		
Part #	Description	Qty
164064	G8 XA Remote Canister Coilover	1
429006ADJKIT	Zeta eXtreme Adl Sway Bar Kit	1
4659	G8 Extreme Strut Brace	1
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Control Arm Inner	1
EP7263	Zeta Upper Control Arm Rearwar	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing Arm Inner	1
EP7323	Zeta Rear Trailing Arm Toe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1



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PONTIAC **G8**

ROAD COURSE KITS

Bush Kit:

This HD bushing kit is for those car enthusiasts that may already have dampers and coils, but noticed their handling is not where they want it to be. What they are feeling is excess movement and the soft OE bushings are not capable of holding the geometry to the maximum performance levels that you require. This kit contains

Pedders G8 HD Bush Kit		
Part #	Description	Qty
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Control Arm Inner	1
EP7263	Zeta Upper Control Arm Rearwar	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing Arm Inner	1
EP7323	Zeta Rear Trailing Arm Toe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1

all the bushing in the G8 and includes are seriously HD rear differential bushing. On your first road test, you will find there is an immediate change!! WOW will be the word used along with a big smile!. This kit also includes our HD alignment eccentric kits, which will give you total adjustability and increase of 1.0 to 1.25 degrees front caster, and seriously enhance the range of rear camber and toe. Plus the rear eccentrics on the G8 are pretty weak, and subject to serious wear concerns. For the drag racers, you will be able to get your rear cambers to the positive territory. This is not obtainable with OE eccentrics. Please note if you have a GXP, you will only need three EP7323 bushings. The lower rear outer OE is a joint and not serviceable.

DRAG KITS

Drag Kit 1:

Pedders G8 Drag I Kit		
Part #	Description	Qty
5421	Zeta Radius Rod Caster Ickwash	1
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sub-Frame Co	1
PDUSA5420	Zeta Rear Camber & Toe Kit	1

The Zeta Platform is an excellent beginning suspension package that can be great improved with the magic that Pedders has to offer. Wheel hop is an issue for the G8. There will be 3 levels of Pedders Drag Packages to meet the needs of the occasional user to the hard core user. This is Level 1, our basic package NOTE: THIS SYSTEM HAS BEEN UPDATED TO INCLUDE THE NEW HD REAR DIFF MOUNT BUSHINGS AND REAR ALIGNMENT KIT.



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DRAG KITS

Drag Kit 2:

This package is for the G8 owner who uses his G8 primarily for Drag Racing. You will be able to use it on the street as well, but the handling through the twisties may be reduced. There will be 3 levels of Pedders Drag Packages to meet the needs of the occasional user to the hard core user. This is Level 2, our extreme package

NOTE: THIS KIT HAS BEEN UPDATED TO INCLUDE THE NEW HD REAR DIFF MOUNT BUSHINGS.

Pedders G8 Drag II Kit		
Part #	Description	Qty
2954	Zeta Front Sport Coil 634mm	2
4358	Pont GTO Bump Stop Front	2
4659	G8 Extreme Strut Brace	1
5030	Strut Mount Bearing	2
5851	Heavy Duty Strut Mounts	2
7955	Zeta Rear Coil HD OE Height	2
9295	Zeta Rear GSR Shock	2
9464L	Zeta Front Left GSR Strut	1
9464R	Zeta Front Right GSR Strut	1
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Control Arm Inner	1
EP7263	Zeta Upper Control Arm Rearwar	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing Arm Inner	1
EP7323	Zeta Rear Trailing Arm Toe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1

Drag XA Kit:

This is a very serious drag package in deed. It seriously strengthens up the back end to transfer more equal torque and reduced lag in transition. It assists in steering support for the high speed straight away by adding steering, front radius rod support plus increases the front caster and makes it adjustable. Then add the power and

control the Pedders Xa coil overs offer, you have a vehicle that will seriously perform well on the Drag track, and still have a fun ride thru the twisties and street play. We recommend setting the front casters to the most positive, set all 4 wheels to 0 to .05 toe in, preferably 0, set rear cambers to +.5 degrees. Adjust the back end height for proper drag radial clearances, then adjust the front 1/2 inc (13mm) lower. For the drags, set the front dampers to 0 and 10-12 clicks for the rear. Put the pedal to the metal, and have a fun ride!! There will be 3 levels of Pedders Drag Packages to meet the needs of the occasional user to the hard core user, this is Level 3

Pedders G8 Drag XA Kit		
Part #	Description	Qty
160064	G8 Ext XA Adjust Coilover	1
4659	G8 Extreme Strut Brace	1
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
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EP7263	Zeta Upper Control Arm Rearwar	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing Arm Inner	1
EP7323	Zeta Rear Trailing Arm Toe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1

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PONTIAC **G8**

DRAG KITS

Justice RC Kit:

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Pedders G8 Justice RC		
Part #	Description	Qty
164064	G8 XA Remote Canister Coilover	1
4659	G8 Extreme Strut Brace	1
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Contol Arm Inner	1
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EP7323	Zeta Rear Trailing ArmToe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1

HD Bush Kit:

This HD bushing kit is for those car enthusiasts that may already have dampers and coils, but noticed their handling is not where they want it to be. What they are feeling is excess movement and the soft OE bushings are not capable of holding the geometry to the maximum performance levels that you require. This kit contains all the bushing in the G8 and includes are seriously HD rear differential bushing. On your first road test, you will find there is an immediate change!! WOW will be the word used along with a big smile!. This kit also includes our HD alignment eccentric kits, which will give you total adjustability and increase of 1.0 to 1.25 degrees front caster, and seriously enhance the range of rear camber and toe. Plus the rear eccentrics on the G8 are pretty weak, and subject to serious wear concerns. For the drag racers,

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Pedders G8 HD Bush Kit		
Part #	Description	Qty
EP1167HD	Zeta HD Differential Mounts	1
EP1169	G8 Rear eXtreme Sun-Frame Co	1
EP2112	Zeta Steering Rack/Pinion Mnt	1
EP6560	Zeta Front Radius Rod Bush	1
EP6561	Zeta Front Contol Arm Inner	1
EP7263	Zeta Upper Control Arm Rearwar	1
EP7264	Zeta Rear Lower Control Arm In	1
EP7265	Zeta Rear Trailing Arm Inner	1
EP7323	Zeta Rear Trailing ArmToe Link	4
PDUSAG8FULL	G8 Full Alignment Kit	1

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