

NITRON™



2023

English Ver.

for **Automotive**



Nitron aim to provide the highest quality automotivesuspension through a combination of innovation, uncompromising quality and attention to detail.

Nitron will always represent excellent value delivered through outstanding levels of customer service.



Guy Evans

CEO, NITRON RACING SYSTEMS LTD.

NITRON HAS OVER A DECADE OF SUCCESS, CELEBRATING PRESTIGIOUS RACE WINS AND LAP RECORDS AROUND THE WORLD. DESIGNED, DEVELOPED AND MANUFACTURED IN THE UK, NITRON'S WORLDWIDE HEADQUARTERS ARE BASED IN ENGLAND'S PRESTIGIOUS "MOTORSPORT VALLEY", OXFORDSHIRE.



MINI Challenge in Japan!



The MINI Challenge, which is held in the UK, the birthplace of MINI, will be held in Japan in 2023 following last year! One-make race will be held with dedicated vehicles based on the MINI F56 JCW, which has a specially developed NITRON R3 strut as standard.

MINI Challenge Race Series image courtesy of Dave Young Photos.





NITRON UK Factory

ENGINEERED IN THE UK ASSEMBLED in JAPAN

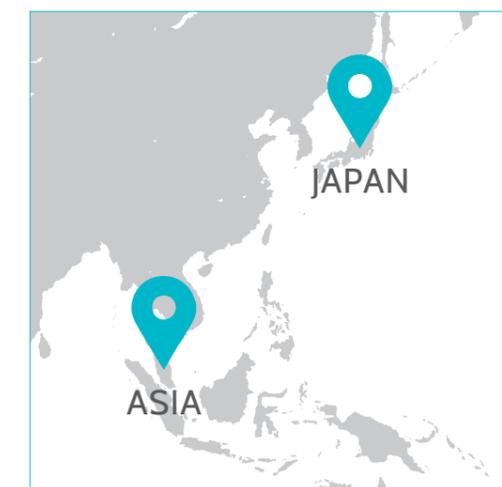
Every Nitron product is designed and developed in the UK using the latest technology, fresh ideas and unique techniques. In order to pursue performance, Japan's reliable technology is naturally fused in the parts design that is particular about details, and a high-end shock absorber of JAPAN QUALITY that combines the best performance, high reliability, and functional beauty is born.

AREA SERVICE in ASIA

NITRON JAPAN has service centers in Japan and Thailand as a general distributor in the Asian region. At the service center, which is a maintenance base set up to provide the highest level of service in the Asian region, we provide support services such as parts supply and overhauls to NITRON users. The Service Center in Japan has equipment and parts stock equivalent to those of NITRON UK, and is responsible for the assembly process of all shocks delivered to the Asian region. This means that we can provide handmade shocks based on user orders.

TESTED AROUND THE WORLD

NITRON products are loved all over the world. From circuits to mountain passes, street use, and deserts, we continue to evolve every day by receiving all kinds of feedback from various environments not only in Japan but also around the world, whether on-road or off-road. The products provided by NITRON JAPAN are handmade by Japanese craftsmen and assembled one by one to the highest level. This ensures consistent performance and years of worry-free use.



Please contact Nitron Japan for sales and maintenance bases in Asia excluding Japan.

intsales@nitron.jp

PURSUES THE QUALITY EQUIVALENT TO RACING SHOCK FOR ALL MODELS

Detailed design and development. Using only parts with the best quality and precision born from there, NITRON racing shocks assembled by skilled engineers under strict quality control. NITRON shocks, which are carefully assembled one by one with NITRON's unique technology, demonstrate high performance and durability, and overwhelm rivals in various scenes such as streets and circuits. In addition, by combining the fineness unique to order-made with a variety of high-precision parts, it is possible to flexibly adapt to various vehicle models. NITRON's technology is constantly evolving, and we spare no effort to maximize its performance. Performance is the proof of NITRON technology.

COILOVER KIT

Full alloy body for ultra-light weight and high radiation capacity. Coilover kit symbolizes NITRON brand having conquered race circuits by winning countless races in the UK.



1 An aluminum alloy machined piston is used for the piston that determines the damping characteristics. NITRON original piston design of 46mm/40mm that controls smooth oil flow. By adopting a double piston for the strut kit, high rigidity that is essential for struts can be obtained.



2 COIL OVER KIT adopts A7075 aluminum body tube. The seamless tube, which has been carefully drawn through many processes, has high precision and strength, and the hard anodized surface treatment boasts stable damping and high durability. A steel body tube is used for the Strut kit, which requires rigidity. Smooth operation and stable damping are achieved by polishing the inside of this body tube with high precision.



3 Equipped with a compression adjuster that independently controls two systems, high speed and low speed, fed back from the F-1 shock absorber technology. Low speed is controlled by a needle, and high speed is controlled by NITRON's unique disc spring, enabling high adjustability and accurate adjustment (3way model only).



STRUT KIT

Double piston technology ensures high rigidity and consistent geometry.



4 NITRON's unique 720 degree bi-axis hose fitting. By adopting a reservoir hose with a high degree of freedom that rotates 360° x 2 axis, it enables easy fitting of the reserve tank without applying stress to the hose.



5 Equipped with machined aluminum ultra-light weight top plate which enables easy Camber /Caster adjustment. A cool product with attention to detail and design.



6 A full-length adjustment mechanism that uses high-spec materials necessary for strength parts.

7 A double action "PU scraper" is used to protect the oil seal from harsh environments.

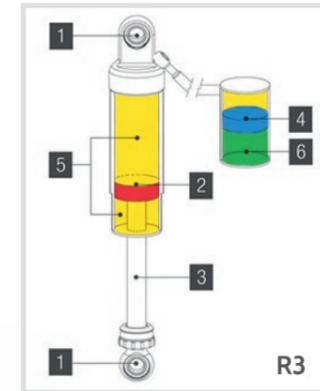
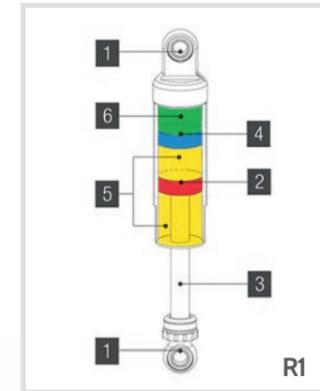
8 Hard chrome plating is applied to the high-frequency quenched rod. The carefully polished strong piston rod not only has low friction, but also has excellent durability.

9 The aluminum separator piston that separates the gas chamber and oil chamber is equipped with a Teflon band reducing friction.

10 Silicone chrome spring with unique "FLEXaLITE" coating for long life.

11 An independent rebound adjuster that enables complete independent adjustment of rebound damping.

12 Progressive type bumpstop.



Basic Damper Design

- 1 End Eye / Top Mount
- 2 Damper Piston & Shim Stack
- 3 Shaft / Rod
- 4 Gas / Oil Separator Piston
- 5 Suspension Oil
- 6 Compressed Nitrogen Gas

for **LOTUS Elise / Exige / GT3 / 2-Eleven / 340R / EUROPE / Evora**

The high quality product created by NITRON who knows everything about LOTUS

NTR PRO 46 3way

46mm Body tube × **3way** Damping Adjuster

High damping response with large capacity body and 16mm piston rod. A high-end model from NITRON, the pioneer of LOTUS shocks.

Nitron is known to Lotus fans around the world as well as in the UK as a long-time supplier of top-end Lotus shock absorbers. NITRON received a lot of feedback from all over the world, and created the NTR PRO46 3WAY shock focusing on performance, adjustability, and stability. The body is a full aluminum body, which is super lightweight yet highly rigid. Along with adopting a large diameter 16mm piston rod, a completely independent 3-way damping adjuster enables a more precise damping setup. The piston enlarged to be 46mm allows more oil pressure and successfully reduces the oil flow resistance.

STREET / SPORT / RACE

High level response unique to high-end models in every scene

JPY 620,000~ (excluding tax)



NTCLO017RP3
LOTUS EXIGE-S 06-

Photos are representative examples. The configuration of the mount etc. differs according to each model. Please contact NITRON JAPAN for detailed shapes.

SPECIFICATIONS

Independence Adjuster	3way	Preload Adjuster	
Compression Low/18click-		46mm Body Tube	
Compression High/16click		Full Alloy Body	
Rebound/24click-		Outside Type Reservoir Tank	

NTR 40

40mm Body tube × **1way** Damping Adjuster

Simple adjustment model with excellent cost performance while maintaining basic performance.

NITRON's long-selling basic model with a piston diameter of 40 mm, which is excellent in friction and performance balance, and a reservoir tank built into the main body. The damper adjustment system enables a wide range of adjustment while being simple with a 1-way adjuster that works for both compression and rebound. Damping performance can be maintained for a long time by completely separating the oil and gas by the free piston. The same materials as the NTR PRO series are used for structural parts such as the body and piston rod. Accuracy is managed in the same way as the NTR PRO series, and although it is a basic model, it is a shock absorber for street / sports driving in line with NITRON's philosophy. The primary setting can be selected from two types according to your preference and expected driving situation.

STREET / SPORT / RACE

For basic street driving

JPY 300,000~ (excluding tax)



NTCLO014FR
LOTUS ELISE 111R/R 04-
(FastRoad Specification)

Photos are representative examples. The configuration of the mount etc. differs according to each model. Please contact NITRON JAPAN for detailed shapes.

SETTING SELECTION

Primary setting can be selected between 2 types to match the most expected driving situations.

Fast Road Setting

A setup mainly for street use.

Club Sport Setting

A setup for sports driving with a higher spring rate than Fast Road. Consideration is given to the stability of the vehicle under higher loads.

SPECIFICATIONS

Reversible Rebound/24click-		Full Alloy Body	
Preload Adjuster		40mm Body Tube	

NTR PRO 46 1way

46mm Body tube × **1way** Damping Adjuster

The best "1way" damper model with 46mm body tube

There are various regulations in the LOTUS race series in the UK. Among them, there is also a regulation that "shock reserve tank cannot be used". The concept of PRO 46 1WAY is a challenge to the best performance in 1 way damper. The 46mm body tube, which greatly contributes to the reduction of flow resistance, is equipped with a 1-way damping adjuster that works on both the rebound side and compression side. The aluminum body with high heat dissipation makes it possible to maintain stable damping even during long hours of driving. It is a high-end model that can be installed relatively easily without the need for processing to the body, which can be selected from two types of settings according to your preference and expected driving situation.

STREET / SPORT / RACE

Suitable from hard sports driving to racing use

JPY 320,000~ (excluding tax)

NTCLO010RP1
LOTUS ELISE S1 96-01
Race Specification



Photos are representative examples. The configuration of the mount etc. differs according to each model. Please contact NITRON JAPAN for detailed shapes.

SPECIFICATIONS

Reversible Rebound/24click-		Full Alloy Body	
Preload Adjuster		46mm Body Tube	

SETTING SELECTION

Primary setting can be selected between 2 types to match the most expected driving situations.

Fast Road Setting

Equipped with helper springs only on the rear. Setting for street uses to sports driving on the circuit.

Club Sport Setting

Equipped with front and rear helper springs, with race-spec spring rates. Setting for race use.



for Strut Type Suspension

PORSCHE 911 · Cayman / MINI F56 /
BMW M3 and others



for Other Type Suspension

Double wishbone / Multi-link and others

NTR RACE R3 Strut

46mm Body tube or 40mm Body tube × 3way Damping Adjuster

High rigidity and unparalleled damping controllability. Drivers will marvel at the overwhelming performance of NITRON's high-end technology.

An independent 3-way damping adjuster, the largest diameter piston in its class, and a strong piston rod are used. As well as being highly rigid, it has both stable damping control and high adjustability, and has achieved the highest level of performance as a commercially available shock absorber. High-end materials carefully selected by NITRON are luxuriously used throughout the body, and excellent processing technology realizes weight reduction while achieving high precision and high durability. The NTR R3 Strut's wide adjustment range and solid responsiveness allow experienced drivers to maximize the car's potential. This is one of the few 'real deal' recognized by the world of motorsports as an all-time race winner and lap record holder.

STREET / SPORT / RACE

The masterpiece born in racetracks.
The high-end model that NITRON is proud of.

JPY 848,000~ (excluding tax)



NTCBM022R3
BMW F82 M4 16-

Photos are representative examples. The configuration of the mount etc. differs according to each model. The body tube diameter is determined by the vehicle model. For details, please refer to the lineup list on pages 17-18. This includes struts for front/rear only. Please contact NITRON JAPAN for detailed shapes.

SPECIFICATIONS

Independence Adjuster	3way	Preload Adjuster	
Compression Low/18click-		46mm / 40mm Body Tube	
Compression High/16click		Outside Type Reservoir Tank	
Rebound/24click-			

NTR RACE R3

46mm Body tube or 40mm Body tube × 3way Damping Adjuster

Equipped with a 46mm or 40mm body tube and a completely independent 3-way damping adjuster. NITRON's flagship model.

Nitron flagship high-performance shock absorber NTR RACE R3 equipped with a completely independent 3-way damping adjuster. For high-spec machines that require a more severe damping set. Equipped as standard with a 3-way damper adjustment system with 2-way compression (low speed/high speed) and 1-way rebound. The 2-way compression adjuster makes it possible to achieve both traction at low speeds where loads are difficult to apply and stability at high speeds where heavy loads are applied, and responds to detailed requirements for all uses and levels from street to race use. The NTR RACE R3 was born from collecting various data fed back from the severe race scenes around the world, mainly in Europe.

STREET / SPORT / RACE

High response that only high-end can provide in every scene.

JPY 630,000~ (excluding tax)



NTCNI015R3-46
NISSAN R35 GT-R 07-

Photos are representative examples. The configuration of the mount etc. differs according to each model. The body tube diameter is determined by the vehicle model. For details, please refer to the lineup list on pages 17-18. This includes struts for front/rear only. Please contact NITRON JAPAN for detailed shapes.

SPECIFICATIONS

Independence Adjuster	3way	Preload Adjuster	
Compression Low/18click-		46mm / 40mm Body Tube	
Compression High/16click		Full Alloy Body	
Rebound/24click-		Outside Type Reservoir Tank	

NTR RACE R1 Strut

46mm Body tube or 40mm Body tube × 1way Damping Adjuster

Wide adjustability and excellent damping effect. High performance struts that keep the rivals at bay.

Strut-type suspensions also serve as an important strength member. NTR R1 Strut has suppleness while securing rigidity as a strength member. The basic parts configuration uses the same materials as the NTR R3 Strut, and by performing the same quality control, it exhibits the same high precision and stable performance as the high-end model, even though it is a basic model. Equipped with a 1-way damping adjuster, this model can be said to be "THE NITRON" because it has a wide adjustment range that matches all driving situations.

STREET / SPORT / RACE

A basic model where you can feel NITRON in every driving scene

JPY 520,000~ (excluding tax)



NTCMN 011R1
MINI F56 14-

Photos are representative examples. The configuration of the mount etc. differs according to each model. The body tube diameter is determined by the vehicle model. For details, please refer to the lineup list on pages 17-18. This includes struts for front/rear only. Please contact NITRON JAPAN for detailed shapes.

SPECIFICATIONS

Reversible Rebound/24click-		46mm / 40mm Body Tube	
Preload Adjuster			

NTR RACE R1

46mm Body tube or 40mm Body tube × 1way Damping Adjuster

Simple adjustment model with excellent cost performance while maintaining basic performance.

NITRON's basic shock absorber with a built-in reservoir tank. The damper adjustment system is simple yet allows a wide range of adjustments with a 1-way adjuster that works for both compression and rebound. Oil and gas are completely separated by a free piston. It is possible to maintain damping performance for a long time. The same materials as the NTR RACE R3 series are used for the body and rod, and the accuracy is managed in the same way. A shock absorber for street/sport driving in line with NITRON's philosophy.

STREET / SPORT / RACE

For basic street driving

JPY 300,000~ (excluding tax)



NTCNI011R1
NISSAN SKYLINE
R33 GT-R 94-99

Photos are representative examples. The configuration of the mount etc. differs according to each model. The body tube diameter is determined by the vehicle model. For details, please refer to the lineup list on pages 17-18. This includes struts for front/rear only. Please contact NITRON JAPAN for detailed shapes.

SPECIFICATIONS

Reversible Rebound/24click-		Full Alloy Body	
Preload Adjuster		46mm / 40mm Body Tube	



OEM Coilover Kit
For Lotus Exige V6 Cup



Lotus Exige V6 Cup dampers.



Lotus Exige V6 Cup.

OEM Manufacturing & Supply

In addition to aftermarket shock absorbers, NITRON has a track record of directly supplying high quality suspensions to vehicle manufacturers such as MINI, LOTUS, and NISSAN. We have also supplied suspension packages to race series around the world, including the MINI Challenge, LOTUS, Kawasaki, and Triumph. NITRON has not only R&D and prototypes, but also has an experience of controlling OEM production through ISO certification and the technical capabilities that make it possible.



OEM Strut Kit
For MINI JCW Challenge Edition



MINI JCW Challenge Edition.



MINI JCW Challenge Edition.



40mm piston shock



46mm piston shock



Open Length (mm)

Stroke (mm)

End-Eye Style*



Piston Size
NITRON offers two types of piston sizes, 46mm/40mm, for the shock piston. The 46mm piston, the largest of any racing shock, delivers overwhelming performance under extreme conditions.



With over 20 years of experience, NITRON has honed its ability to design and produce custom and prototype shocks. NITRON's designers, engineers and production team have the experience and track record of servicing a wide variety of clients and motorsport specialists. It is also a proof of high quality and performance. That quality often leads many users to request custom solutions tailored to their individual needs. NITRON has the technical strength and flexibility to handle unique one-off kits based on our experience in supplying products to racing series and in OEM production on a global scale. NITRON provides all kinds of custom solutions such as designing, prototyping and production on a global scale.

Top-Cap Style*



Reservoirs*

NITRON provides piggyback type reservoirs as well as hose type reservoirs.



Adjustment

All NITRON shocks are equipped with one to three way adjusters.





* A part of the lineup is shown here. Many other styles and sizes are available.

SPRINGS & HELPERS

NITRON has a wide lineup of race spec 2.25 inch inner diameter and 60mm inner diameter main springs. Nitron springs, which are manufactured by advanced processing of the highest grade chrome silicon steel, have stable spring characteristics in the entire range and enable high performance. To achieve a more effective suspension setup, it is important to choose helper springs that match your needs. In order to pursue the ideal driving, NITRON offers a wide range of uniquely designed helper springs. All NITRON springs have a unique FLEXaLIGHT coating for long-lasting durability.

Spring: JPY 16,000~ / Piece (excluding tax)

Helper Spring: JPY 16,000~ / Piece (excluding tax)



SHOCK SERVICING & DEVELOPMENT

Nitron shocks are assembled with high precision using the best materials possible, keeping in mind that they maintain their high performance for a long time.

As a result, it is possible to achieve both performance and durability that can withstand harsh environments for many years. However, regular maintenance is necessary to maintain the best performance. At NITRON's service, we replace oil, seal parts, and sliding consumable parts, and technically restore the condition close to new.

For maintenance, the suspension is assembled in the same process as during manufacturing, and the 3-way model undergoes a final inspection using a shock dyno.



ADJUSTABLE DROP-LINKS

Drop links are one of the key elements in a racing suspension setup. NITRON's drop links, which are designed and manufactured with extremely high precision using the lightest possible materials, are available in a wide range of sizes for many car models.
Size Lineup: 185-220mm, 220-255mm, 255-290mm, 290-325mm, 325-360mm
Ball Joint: M10×1.25

Adjustable Drop Link 1 set (2 Pieces) Helper Spring
JPY 32,000~ (excluding tax)



All shocks are stamped with an ID, and manufacturing data and resetting data are managed individually. NITRON engineers can access data with recorded specs as needed and can easily grasp the data of individual shocks. Winning today's toughest races requires a perfectly set-up machine. At the NITRON service center, it is possible to develop custom-built shocks with special damping characteristics that meet individual requirements, and support such as race support is also possible. Please feel free to contact us.

LOTUS WISHBONE BEARING KITS

By replacing the mass-produced rubber bush with a Teflon spherical bearing with high low friction, smooth movement and accurate positioning of the wishbone are ensured. And by reducing friction loss, it is possible to draw out 100% of the performance of the NITRON shock absorber and to linearly convey road surface information to the driver. In addition, all bearings are completely sealed with O-rings, which, combined with the effect of Teflon bearings, reduces maintenance frequency. This is a NITRON specialty product that continues to run at the cutting edge of the racing Lotus market.

Mass production **NITRON**
Rubber >>> Teflon Spherical Bearing

Smoothness UP! **Traction UP!** **Durability UP!**

- Both smooth operation and high durability are achieved by adopting Teflon spherical bearings.
- 7075-T6 material is used for bearing side spacers. Furthermore, hard alumite processing achieves high strength while being lightweight.
- Equipped with an O-ring on the bearing spacer to achieve high sealing performance.



WISHBONE INNER BEARING KIT
(16pcs/ vehicle)

JPY 73,000~ (excluding tax)

Applications: LOTUS ELISE/LOTUS EXIGE/211R/340R/GT3/EUROPE etc
Please contact NITRON JAPAN for more detail.



VLN Ford Fiesta image courtesy of Nürburgring Bridge to Gantry.

NITRON Car Shock Absorber line-up for LOTUS

As of January 2023	Model	Year	3Way reservoir tank style	NTR PRO 46 3way		NTR PRO 46 1way				NTR 40			
				46mm body tube		46mm body tube				40mm body tube			
				With 3way damping adjuster		Fast Road Setting		Club Sport Setting		Fast Road Setting		Club Sport Setting	
Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)		
Lotus	Elise S1	96-01	H	NTCLO010RP3	¥682,000	NTCLO010RPF3	¥352,000	NTCLO010RPCS	¥404,800	NTCLO010FR	¥330,000	NTCLO010CS	¥352,000
	Elise S2 (K-Series engine)	02-05	H	NTCLO012RP3	¥682,000	NTCLO012RPF3	¥352,000	NTCLO012RPCS	¥404,800	NTCLO012FR	¥330,000	NTCLO012CS	¥352,000
	Elise 111R/R	04-	H	NTCLO014RP3	¥682,000	NTCLO014RPF3	¥382,800	NTCLO014RPCS	¥437,800	NTCLO014FR	¥352,000	NTCLO014CS	¥360,800
	Elise S2 (Toyota engine)	05-11	H	NTCLO020RP3	¥682,000	NTCLO020RPF3	¥382,800	NTCLO020RPCS	¥437,800	NTCLO020FR	¥352,000	NTCLO020CS	¥360,800
	Elise SC	08-	H	NTCLO019RP3	¥682,000	NTCLO019RPF3	¥382,800	NTCLO019RPCS	¥437,800	NTCLO019FR	¥352,000	NTCLO019CS	¥360,800
	Elise S3 1.6	11-	H	NTCLO025RP3	¥682,000	NTCLO025RPF3	¥382,800	NTCLO025RPCS	¥437,800	NTCLO025FR	¥352,000	NTCLO025CS	¥360,800
	Elise S3 1.8	11-	H	NTCLO030RP3	¥682,000	NTCLO030RPF3	¥382,800	NTCLO030RPCS	¥437,800	NTCLO030FR	¥352,000	NTCLO030CS	¥360,800
	Exige S1	00-01	H	NTCLO011RP3	¥682,000	NTCLO011RPF3	¥352,000	NTCLO011RPCS	¥404,800	NTCLO011FR	¥330,000	NTCLO011CS	¥352,000
	Exige S2	04-	H	NTCLO013RP3	¥682,000	NTCLO013RPF3	¥382,800	NTCLO013RPCS	¥437,800	NTCLO013FR	¥352,000	NTCLO013CS	¥360,800
	Exige S	06-	H	NTCLO017RP3	¥682,000	NTCLO017RPF3	¥382,800	NTCLO017RPCS	¥437,800	NTCLO017FR	¥352,000	NTCLO017CS	¥360,800
Vauxhall	Exige GT3	06-	H	NTCLO021RP3	¥682,000	-	-	-	-	-	-	-	-
	Exige S V6	12-	H	NTCLO023RP3	¥704,000	NTCLO023RPF3	¥429,000	NTCLO023RPCS	¥437,800	NTCLO023FR	¥371,800	NTCLO023CS	¥393,800
	340R	2000	H	NTCLO015RP3	¥682,000	NTCLO015RPF3	¥352,000	NTCLO015RPCS	¥404,800	NTCLO015FR	¥330,000	NTCLO015CS	¥352,000
	2-Eleven	07-	H	NTCLO018RP3	¥682,000	-	-	-	-	-	-	-	-
	Europa S	06-10	H	NTCLO016RP3	¥682,000	NTCLO016RPF3	¥352,000	NTCLO016RPCS	¥437,800	NTCLO016FR	¥352,000	NTCLO016CS	¥360,800
	Evora	09-	H	-	-	-	-	-	-	NTCLO022FR	¥360,800	NTCLO022CS	¥382,800
	Elan M100	89-95	H	-	-	-	-	-	-	NTCLO024FR	¥360,800	NTCLO024CS	¥382,800
	Esprit V8	87-04	H	-	-	-	-	-	-	NTCLO029FR	¥404,800	NTCLO029CS	¥404,800
	VK220	00-05	H	NTCVA010RP3	¥682,000	-	-	-	-	NTCVA010FR	¥352,000	NTCVA010CS	¥360,800
	VK220 Turbo	03-05	H	NTCVA011RP3	¥682,000	-	-	-	-	NTCVA011FR	¥352,000	NTCVA011CS	¥360,800

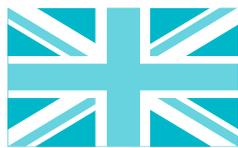
NITRON Car Shock Absorber line-up

As of January 2023	Model	Year	3Way reservoir tank style	NTR RACE R3		NTR RACE R1			
				46mm or 40mm body tube		46mm or 40mm body tube			
				With 3way damping adjuster		With 1way damping adjuster			
				46mm body tubes are indicated by blue lettering and have a -46 part number suffix.		46mm body tubes are indicated by red lettering and have a -46 part number suffix.			
Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)		
ALFA ROMEO	4C	13-	H/PB	NTCAL010R3	¥712,800	NTCAL010R1	¥547,800		
	A110	17-	PB	NTCAP01R3	¥682,000	NTCAP01R1	¥495,000		
	Ariel	00-	H	NTCAR010R3	¥605,000	NTCAR010R1	¥360,800		
	Aston Martin	V8 Vantage	06-17	H	NTCAM011R3	¥748,000	NTCAM011R1	¥572,000	
		V8 Vantage N24	06-	H	NTCAM010R3	¥748,000	NTCAM010R1	¥572,000	
		V8 Vantage GT4	08-	H	NTCAM013R3	¥748,000	NTCAM013R1	¥572,000	
		DB9	04-16	H	NTCAM012R3	¥748,000	NTCAM012R1	¥572,000	
		V12 Vantage	09-18	H	NTCAM015R3	¥748,000	NTCAM 015R1	¥572,000	
		Audi	R8 V8	07-	H	NTCAU010R3	¥712,800	NTCAU010R1	¥547,800
			BMW	E30 Non M3 *	82-92	H	NTCBM021R3	¥932,800	NTCBM021R1
E30 M3 *				86-89	H	NTCBM026R3	¥932,800	NTCBM026R1	¥657,800
E36 non M3				92-98	H	NTCBM019R3	¥822,800	NTCBM019R1	¥591,800
E36 M3				92-98	H	NTCBM015R3	¥822,800	NTCBM015R1	¥591,800
E36/8 23 M	99-02			H	NTCBM017R3	¥822,800	NTCBM017R1	¥591,800	
E46 non M3	98-06			H	NTCBM010R3	¥822,800	NTCBM010R1	¥572,000	
E46 M3	00-07			H	NTCBM011R3	¥822,800	NTCBM011R1	¥572,000	
E46 M3 Low Ride Height	00-07			H	NTCBM018R3	¥822,800	NTCBM018R1	¥572,000	
E46 M3 CSL	03-04			H	NTCBM012R3	¥822,800	NTCBM012R1	¥572,000	
E46 M3 CSL Low Ride Height	03-05	H		NTCBM016R3	¥822,800	NTCBM016R1	¥572,000		
Caterham	E81/ E82/ E87 Non 1M		H	NTCBM020R3	¥822,800	NTCBM020R1	¥591,800		
	E82 1M		H	NTCBM025R3	¥822,800	NTCBM025R1	¥591,800		
	E86 24 M	06-	H	NTCBM013R3	¥822,800	NTCBM013R1	¥591,800		
	E90/92 Non M3	07-	PB/H	NTCBM024R3	¥822,800	NTCBM024R1	¥572,000		
	E90/E92 M3	07-	PB/H	NTCBM014R3	¥822,800	NTCBM014R1	¥572,000		
	F80 M3	16-	PB	NTCBM027R3	¥932,800	NTCBM027R1	¥657,800		
	F82 M4	16-	PB	NTCBM022R3	¥932,800	NTCBM022R1	¥657,800		
	F87 M2	16-	PB	NTCBM023R3	¥932,800	NTCBM023R1	¥657,800		
	F87 M2 Competition	19-	PB	NTCBM028R3	¥932,800	NTCBM028R1	¥657,800		
	Narrow Track Live Axle	73-02	-	-	-	NTCCA015R1	¥330,000		
Chevrolet	Narrow track de-Dion *	-96	H	NTCCA010R3-46	¥657,800	NTCCA010R1	¥330,000		
	Wide track de-Dion *	-96	H	NTCCA012R3-46	¥657,800	NTCCA012R1	¥330,000		
	Narrow track de-Dion *	96-	H	NTCCA011R3-46	¥657,800	NTCCA011R1	¥330,000		
	Wide track de-Dion *	96-	H	NTCCA013R3-46	¥657,800	NTCCA013R1	¥330,000		
	CSR Duratec	04-	H	NTCCA014R3-46	¥657,800	NTCCA014R1	¥330,000		
	Corvette C5/C6	96-13	-	-	-	NTCCH010R1	¥473,000		
	Corvette C5/C6 (Competition Only) *2	96-13	H	NTCCH010R3	¥748,000	NTCCH010CS1	¥627,000		
	Corvette C7	14-	-	-	-	NTCCH011R1	¥473,000		
	Corvette C7 (Competition Only) *2	14-	H	NTCCH011R3	¥748,000	NTCCH011CS1	¥627,000		
	Ferrari	355	94-99	H	NTCFE010R3	¥880,000	NTCFE010R1	¥591,800	
360		99-04	H	NTCFE011R3	¥880,000	NTCFE011R1	¥591,800		
430 Challenge (Competition Only)		07-10	H/PB	NTCFE012R3	¥880,000	-	-		
Ford	308	75-85	H	NTCFE015R3	¥880,000	NTCFE015R1	¥591,800		
	Escort Mk II	75-80	PB	NTCFE010R3	¥880,000	NTCFE010R1	¥627,000		
	Fiesta ST Mk7 ST180	08-17	PB	NTCFE014R3	¥748,000	NTCFE014R1	¥591,800		
	Focus RS Mk2	09-10	H/PB	NTCFE012R3	¥822,800	NTCFE012R1	¥572,000		
	Focus RS Mk3	10-	PB	NTCFE018R3	¥822,800	NTCFE018R1	¥591,800		
GT	04-06	H/PB	NTCFE011R3-46	¥770,000	NTCFE011R1-46	¥547,800			

3way reservoir tank style H=HOSE PB=PIGGYBACK

*1 Use genuine under bracket *2 Adjustable top plate sold separately Front: NTCCH 001TFP JPY 25,000 / Rear: NTCCH 001TPR JPY 54,000 (excluding tax)

As of January 2023	Model	Year	3Way reservoir tank style	NTR RACE R3		NTR RACE R1		
				46mm or 40mm body tube		46mm or 40mm body tube		
				With 3way damping adjuster		With 1way damping adjuster		
				46mm body tubes are indicated by blue lettering and have a -46 part number suffix.		46mm body tubes are indicated by red lettering and have a -46 part number suffix.		
Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	Model Number	PRICE (JPY)	
Honda	S2000	99-09	PB	NTCHOO10R3	¥682,000	NTCHOO10R1	¥495,000	
	NSX	90-06	PB	NTCHOO11R3	¥822,800	-	-	
	Civic EK9		H	NTCHOO20R3	¥693,000	NTCHOO20R1	¥495,000	
	Civic Type R EP3	01-05	H	NTCHOO13R3	¥822,800	NTCHOO13R1	¥627,000	
	Civic FD2	06-	H	NTCHOO17R3	¥822,800	NTCHOO17R1	¥657,800	
	Civic Type R FK2	15-17	PB	NTCHOO22R3	¥822,800	-	-	
	Civic Type R FK8	17-21	H/PB	NTCHOO23R3	¥822,800	NTCHOO23R1	¥591,800	
	Integra Type R DC2	94-01	H	NTCHOO19R3	¥693,000	NTCHOO19R1	¥495,000	
	Integra Type R DC5	02-07	H	NTCHOO14R3	¥822,800	NTCHOO14R1	¥627,000	
	Jaguar	E-Type	61-71	-	-	-	NTCJG010R1	¥437,800
XK8		96-06	-	-	-	NTCJG011R1	¥547,800	
Gallardo		03-13	H	NTCLA010R3	¥770,000	NTCLA010R1	¥591,800	
Lamborghini	A/CLA/GLA 45 AMG	13-	-	-	-	NTCMB010R1	¥627,000	
	FD3S/RX-7	92-02	PB	NTCMA010R3	¥693,000	NTCMA010R1	¥503,800	
	MX5 NA/MB	89-05	H	NTCMA011R3	¥693,000	NTCMA011R1	¥503,800	
Mazda	MX5 ND	15-	H	NTCMA011R3	¥693,000	NTCMA011R1	¥503,800	
	F56	14-	-	-	-	NTCMN011R1	¥572,000	
MINI	R50 / R53 / R56		-	-	-	NTCMN012R1	¥572,000	
	Lancer EVO 4/5	96-99	H/H	NTCMIO12R3	¥822,800	NTCMIO12R1	¥591,800	
	Lancer EVO 6	99-01	H/H	NTCMIO13R3	¥822,800	NTCMIO13R1	¥591,800	
	Lancer EVO 7-9	01-07	H/H	NTCMIO10R3	¥822,800	NTCMIO10R1	¥591,800	
	Lancer EVO X	08-	H/H	NTCMIO11R3	¥822,800	NTCMIO11R1	¥591,800	
	Skyline R32 GT-R	89-94	PB	NTCNIO10R3	¥693,000	NTCNIO10R1	¥528,000	
	Skyline R33 GT-R *	94-99	PB	NTCNIO11R3	¥693,000	NTCNIO11R1	¥528,000	
	Skyline R33 GTS-T	96	H	NTCNIO17R3	¥693,000	NTCNIO17R1	¥528,000	
	Skyline R34 GT-R	99-02	PB	NTCNIO12R3	¥693,000	NTCNIO12R1	¥528,000	
	R35 GT-R	07-	PB	NTCNIO15R3-46	¥880,000	NTCNIO15R1-46	¥591,800	
Noble	300ZX Z32	90-00	PB	NTCNIO14R3	¥932,800	-	-	
	M12	00-	H	NTCNO010R3-46	¥638,000	NTCNO010R1	¥360,800	
	M400	04-	H	NTCNO013R3-46	¥638,000	NTCNO013R1	¥360,800	
	M14	11-	H	NTCNO014R3-46	¥638,000	NTCNO014R1	¥360,800	
	M600	11-	H	NTCNO015R3-46	¥638,000	NTCNO015R1	¥360,800	
	Porsche	Boxster/Cayman 987	04-12	H	NTCP0030R3-46	¥1,078,000	NTCP0030R1-46	¥657,800
		911 996 C2 / C2S / GT2 *	93-98	H	NTCP0020R3-46	¥1,078,000	NTCP0020R1-46	¥657,800
		911 996 C2 / C2S	97-05	H	NTCP0021R3-46	¥1,078,000	NTCP0021R1-46	¥657,800
		911 996 GT3 / GT3RS *	99-05	H	NTCP0021R3-46	¥1,078,000	NTCP0021R1-46	¥657,800
		911 997 Cup (Competition Only) *	06-12	H/PB	NTCP0013R3-46	¥1,078,000	-	-
911 997 C2 / C2S			-	-	-	NTCP0022R1-46	¥657,800	
911 997 Turbo S *		07-12	H	NTCP0026R3-46	¥1,078,000	-	-	
911 997 GT3 *		06-12	H	NTCP0022R3-46	¥1,078,000	NTCP0022R1-46		



ENGINEERED IN THE UK

Overhaul is also carried out in-house.
We assure you reliable suspension through
consistent quality control.

We do overhauls in-house. Providing peace of mind with consistent quality control. Nitron shock absorbers are built with the highest level of materials and oils to ensure long-lasting performance. However, when used in races or for a long period of time, degradation of oil, reduction in gas pressure, wear of sliding parts, etc. occur, and performance degradation cannot be avoided. As NITRON is a fully assembled shock absorber, we can respond to customer requests such as regular maintenance and modifications. Also, once purchased, even if the vehicle is changed, it is possible to refine the suspension by recombining the parts.

"Use good things for a long time" is one of the policies of British-born shock absorber "NITRON".

Overhaul Price

1way / 3way **JPY 22,000** (excluding tax) per one shock

The price includes overhaul wage and replacement of consumables such as oil, oil seal, dust seal, shaft bush, piston ring, bottom stopper, O-ring set, etc.

Please contact the following service center for the delivery date of overhaul. In addition, please send the suspension to be overhauled to the following service center.

Nitron recommends maintenance every season for racing use and every 10,000 km for street use.

All maintenance work can be handled at Nitron Japan Service Center.

The work is carried out by dedicated staff who receive regular training at Nitron headquarters in the UK. Leave the maintenance to us with peace of mind.

For detailed product descriptions and lineups...
www.nitron.jp

- Products that have been installed or used cannot be replaced. ● The warranty period is one year from the date of purchase.
- The listed price is the manufacturer's suggested retail price. Also, the installation fee is not included.
- Prices and specifications are subject to change without notice due to product improvements and market fluctuations.
- As a general rule, our products are intended for use in normal vehicles. ● Photos shown are printed and may differ from actual colors.

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