



TOYOTA **GR 86** **ZN8** SUBARU **BRZ** **ZD8**



**2021- PRESENT
CHASSIS PARTS**



TOYOTA

SUBARU

♦ **GR86 ZN8** ♦

♦ **BRZ ZD8** ♦

APPLICABLE PART OVERVIEW

2021-PRESENT

PRODUCT CATEGORY	PRODUCT NAME	PART NO	TYPE	PCS/SET	DESCRIPTION	VEHICLE APPLICATIONS
ARM	FRONT LOWER CONTROL ARM + STAB. LINK	7778	Adjustable	6	Pillow Ball Equipped	TOYOTA 86 GR86 ZN8 2021-
		7372	Adjustable	6	Pillow Ball Equipped	
		Q1045	Adjustable	6	Pillow Ball Bushing + RC Ball Joint	SUBARU BRZ ZD8 2021-
	FRONT LOWER CONTROL ARM + ROLL CENTER ADJUSTER	8814		2	Pillow Ball Equipped	TOYOTA 86 GR86 ZN8 2021-
		8812		2	Harden Rubber Equipped	
		8813		2	Pillow Ball Equipped	
		8811		2	Harden Rubber Equipped	
	FRONT LOWER CONTROL ARM	Q1044		2	Pillow Ball Equipped	SUBARU BRZ ZD8 2021-
		Q1043		2	Harden Rubber Equipped	
		Q1106		2	Harden Rubber Equipped	
		Q1034	Adjustable	2	Pillow Ball Equipped	SUBARU BRZ ZD8 2021- TOYOTA 86 GR86 ZN8 2021-
	REAR UPPER CAMBER ARM	Q1033	Adjustable	2	Harden Rubber Equipped	
		7593	Adjustable	2	Pillow Ball Equipped	
	REAR TRAILING ARM - ADJUSTABLE	7528	Adjustable	2	Pillow Ball Equipped	
		7891	Adjustable	2	Harden Rubber Equipped	
		7373		2	Pillow Ball Equipped	
		7498		2	Harden Rubber Equipped	
	REAR TOE CONTROL ARM	6753	Adjustable	2	Pillow Ball Equipped	
		7495	Adjustable	2	Harden Rubber Equipped	
	REAR LOWER ARM / CAMBER KIT	Q1175	Adjustable	2	Pillow Ball Equipped	
		Q1264	Adjustable	2	Harden Rubber Equipped	
		Q1268	Adjustable	2	Pillow Ball Equipped	
		Q1269	Adjustable	2	Harden Rubber Equipped	
BAR AND BRACE	FRONT STRUT BRACE	Q1041		1	For LHD & RHD Cars	SUBARU BRZ ZD8 2021- TOYOTA 86 GR86 ZN8 2021-
		Q1314	Adjustable	2	For LHD & RHD Cars	
	FRONT LOWER BRACE	7445		1	-	
	REAR STRUT BRACE	7509		1	-	
	REINFORCED REAR STABILIZER MOUNTING FRAME	Q1056		1	-	SUBARU BRZ ZD8 2021-
	REAR LOWER TIE BAR	7467		1	-	TOYOTA 86 GR86 ZN8 2021-
	BRAKE MASTER CYLINDER STOPPER	Q1042		1	For Left Hand Drive Cars	SUBARU BRZ ZD8 2021- TOYOTA 86 GR86 ZN8 2021-
		Q0728		1	For Right Hand Drive Cars	
BUSHING	REAR DIFF MOUNT SUPPORT BAR	7433		1	-	
	FRONT LOWER ARM BUSHING	6866		4	Pillow Ball Equipped	
		6943		4	Harden Rubber Equipped	
		Q0627		4	Harden Rubber Equipped	
		Q0599		2	Harden Rubber Equipped	
	FRONT LOWER ARM BUSHING - BIG	7510		2	Pillow Ball Equipped	
		6840		2	Harden Rubber Equipped	
	FRONT LOWER ARM BUSHING - SMALL	7511		2	Pillow Ball Equipped	
		6953		2	Harden Rubber Equipped	
	REAR UPPER ARM BUSHING	6877		4	Pillow Ball Equipped	
		7782		6	Harden Rubber Equipped	
	FRONT REINFORCED STABILIZER BUSHING	7602		2	Front - 18 mm	
		7603		2	Front - 25.4 mm	
	REAR STABILIZER BUSHING	7604		2	Rear - 19 mm	
		7581		2	Rear - 16 mm	
	REAR KNUCKLE BUSHING	6867		2	Pillow Ball Equipped	
		7605		2	Harden Rubber Equipped	
		7492		2	Pillow Ball Equipped	
		7521		4	Harden Rubber Equipped	
ENGINE MOUNT	REAR SUB-FRAME BUSHING	7565		8	-	
		6495		2	-	
	FRONT REINFORCED STRUT MOUNT			2	-	
	REAR SUBFRAME ANTI - VIBRATION INSERT	7444		8	-	
	REAR DIFF BUSHING	7494		2	Harden Rubber Equipped	
	REAR DIFF. BUSHING - ADD ON	7522		6	-	
	RIGHT + LEFT SIDE ENGINE MOUNT	Q1073		2	-	
	HARDEN TRANSMISSION MOUNT	7441		1	-	
EXTENDED WHEEL STUD	EXTENDED WHEEL STUD	7621		20	M12 x P1.25	
SUPER ANGLE TIE ROD	HARD TIE ROD	7458		2	-	

APPLICABLE PART OVERVIEW

PRODUCT CATEGORY	PRODUCT NAME	PART NO	TYPE	PCS/SET	DESCRIPTION	VEHICLE APPLICATIONS
ROLL CENTER TIE ROD END	TIE ROD END	Q1051		2	OE Replacement	SUBARU BRZ ZD8 2021-
		Q1050		2	OE Replacement	
	RC TIE ROD END	Q1052		2	Height +15mm	TOYOTA 86 GR86 ZN8 2021-
		6761	Adjustable	2	Pillow Ball Equipped	
		Q0816	Adjustable	2	Pillow Ball Equipped	
		Q1046	Adjustable	2	Pillow Ball Equipped	
ROLL CENTER BALL JOINT	FRONT ROLL CENTER ADJUSTER	Q1091		2	Height +15mm	SUBARU BRZ ZD8 2021-
	FRONT ROLL CENTER ADJUSTER	7493		2	-	
	FRONT LOWER BALL JOINT	Q0663		2	OE Replacement	
STAB.LINK	FRONT ADJ. STABILIZER LINK	7506	Adjustable	2	Range: 203-242 mm	SUBARU BRZ ZD8 2021- TOYOTA 86 GR86 ZN8 2021-
	REAR ADJ. STABILIZER LINK	Q1275	Adjustable	2	Range: 80-93 mm	
		8625	Adjustable	2	Range: -5 mm + 15 mm	
SWAY BAR	FRONT SWAY BAR	7518	Adjustable	3	25.4 mm	SUBARU BRZ ZD8 2021- TOYOTA 86 GR86 ZN8 2021-
		7518K	Adjustable	5	25.4 mm	
	REAR SWAY BAR	7519	Adjustable	3	19 mm	

ARM

The control arm made with hardened steel and compound with superior quality bushing. A good control arm can regulate the movement of wheels quickly each time you turn or corner.

7778

FRONT LOWER CONTROL ARM + STAB. LINK



Pillow Ball Equipped

7372

FRONT LOWER CONTROL ARM + STAB. LINK



Pillow Ball Equipped

8814

FRONT LOWER CONTROL ARM + ROLL CENTER ADJUSTER



Pillow Ball Equipped

8811

FRONT LOWER CONTROL ARM



Harden Rubber Equipped

8812

FRONT LOWER CONTROL ARM + ROLL CENTER ADJUSTER

- Harden Rubber Equipped

8813

FRONT LOWER CONTROL ARM

- Pillow Ball Equipped

Q1045

FRONT LOWER ARM

- Pillow Ball Bushing + RC Ball Joint Stab. Link Included

Q1044

FRONT LOWER ARM

- Pillow Ball Equipped
RC Ball Joint Included

Q1043

FRONT LOWER ARM

- Harden Rubber Equipped

Q1106

FRONT LOWER ARM

- Harden Rubber Equipped
RC Ball Joint Included



Q1033

REAR UPPER CAMBER ARM



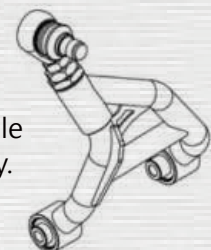
Harden Rubber Equipped

Q1034

REAR UPPER CAMBER ARM

- Pillow Ball Equipped

The camber kit allows fine adjustments to the rear end camber setting of the vehicle. It can either help maximize wheel contact patch to improve cornering grip or get your car back to original alignment specs after lowering to prevent uneven tyre wear. The arms are made of high tensile tubular steel alloys to offer greatest strength and durability. With equipped premium quality harden rubber bushings, they also provide much more precise and solid handling response over the factory components.



ARM

Rear trailing arm made of unique high density steel, provide excellent stability during high speed driving or hard cornering.

7593

REAR TRAILING ARM - ADJUSTABLE



Pillow Ball Equipped

7891

REAR TRAILING ARM - ADJUSTABLE



Harden Rubber Equipped



7528

REAR TRAILING ARM - ADJUSTABLE



Pillow Ball Equipped

7373

REAR TRAILING ARM



Pillow Ball Equipped



7498

REAR TRAILING ARM - Harden Rubber Equipped

The camber kit allows fine adjustments to the rear end camber setting of the vehicle. It can either help maximize wheel contact patch to improve cornering grip or get your car back to original alignment specs after lowering to prevent uneven tyre wear.

Q1175

REAR LOWER ARM / CAMBER KIT



Pillow Ball Equipped

Q1268

REAR LOWER ARM / CAMBER KIT



Pillow Ball Equipped



Q1264 **REAR LOWER ARM / CAMBER KIT**

Q1269 - Harden Rubber Equipped

BAR AND BRACE

Rear diff mount support bar constructed of high-strength steel alloys that offer durability, strength and yet remain light-weight. By bolting it onto the back side of the rear sub-frame, the brace will support the rear differential and eliminates the movement of the rear differential. It will allow more energy to be transferred to the wheels under acceleration.

- Quick and easy install on OEM bolt holes
- Made with high quality ultra strong steel
- ED process and painting for the highest durability
- Equipped with premium quality bushings
- Superior strength and durability

7433

REAR DIFF MOUNT SUPPORT BAR



BAR AND BRACE

front strut brace features aluminum alloy construction for extreme lightweight and superior strength. By tying the strut towers together, the brace capably eliminate lateral body deflections and maintain proper suspension geometry under high speed driving and hard cornering, offering a more precise and connected handling response.

Q1314 FRONT STRUT BRACE



Q1041 FRONT STRUT BRACE



This will reduce vehicle chassis flex and deflection to increase the rigidity of your car under high speed driving and hard cornering, resulting in better and quicker handling response.

- High strength steel construction
- Reduce vehicle chassis flex
- Improve handling performance

7445 FRONT LOWER BRACE



7509 REAR STRUT BRACE



Q1056 REINFORCED REAR STABILIZER MOUNTING FRAME



Rear lower tie bar made of unique high density steel, provide excellent stability during high speed driving or hard cornering.

- Made with high quality ultra strong steel
- ED process and painting for the highest durability
- Superior strength and durability

7467 REAR LOWER TIE BAR



Hardrace is proud to announce the brake master cylinder stopper for BRZ/86. It reduces deflection at the firewall during heavy braking, making the brake pedal feel stiffer and more responsive.

Q0728 BRAKE MASTER CYLINDER STOPPER

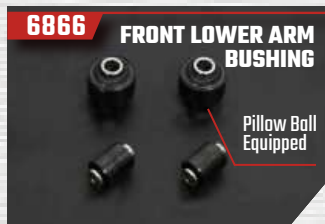


Q1042 BRAKE MASTER CYLINDER STOPPER



BUSHING

- Pillow ball bushing provides excellent driver feedback, precise control and solid suspension feel. The bushing is made of precisely made high molecule plastic tube and specific steel alloy for superior durability and reliability. The Outer side utilizes TPV material anti-dust boot, 100% resistant from dust, water and oil, extend the life of the bushing.
- Harden rubber bushings are made of high strength and anti-crack rubber materials to offer solid handling response and resistance to unwanted suspension movement during hard acceleration, braking and cornering.



ENGINE MOUNT

The reinforced engine mount is made of hardened rubber bushings with cast aluminum construction. With improved strength over the OE mounts, it reduces engine movement significantly and provides maximum output under acceleration.

Q1073

**RIGHT + LEFT SIDE
ENGINE MOUNT**



7441

**HARDEN
TRANSMISSION MOUNT**



- Offers a more direct connection between the Drive-train and Chassis
- Increase life span of the mounts
- Direct bolt-on with OEM components
- Increase stability during cornering and acceleration



EXTENDED WHEEL STUD / SUPER ANGLE TIE ROD

7621

**EXTENDED WHEEL
STUD**



7458

HARD TIE ROD



ROLL CENTER TIE ROD END

The tie rod ends are made with high quality forged alloy steel bodies and heat treated carbon steel alloy ball studs, designed to sustain extensive loads and have maximum accuracy and keep the front wheels of vehicle stable. They are a ball-in-socket mechanism that allows the wheels to move up and down and side to side to cope with different types of road surfaces, bumps, potholes, etc.

Q1052

RC TIE ROD END



Height +15mm

6761

RC TIE ROD END



Pillow Ball
Equipped



Q1050 | TIE ROD END - OE Replacement

Q0816 | RC TIE ROD END - Pillow Ball Equipped

ROLL CENTER BALL JOINT

7493

**FRONT ROLL CENTER
ADJUSTER**



Q0663

**FRONT LOWER BALL
JOINT**



- OE
Replacement



Q1091 | FRONT ROLL CENTER ADJUSTER

SWAY BAR

Sway Bar affects the handling and the car's over steer and under steer. It ties the lower suspension links together across the front or back, will keep your car flat in turns instead of leaning over to one side. HARDRACE sway bars provide better control especially at high speeds cornering.

7518

FRONT SWAY BAR



7518K

FRONT SWAY BAR



- Designed for OE direct replacement
- Hollow internal structure
- Correction of under or oversteer
- Improve more grip and better handling
- Increased stability while during high speed cornering



7519

REAR SWAY BAR



STABILIZER LINK

Adjustable stabilizer links allow you to fine tune the position your sway bar for optimum handling. The adj. stabilizer link manufactured from high tensile steel with tight ball joints and rubber boots for superior strength and rigidity to extend its life. An absolute must for any lowered vehicle.

- Adjustable sway bar end links
- Self-lubricating plastic bearing and bracket
- More direct energy transfer and feel
- Improves handling performance
- Perfect for lowered vehicles

7506

FRONT ADJ. STABILIZER LINK



Q1275

REAR ADJ. STABILIZER LINK



8625

REAR ADJ. STABILIZER LINK



FRONT

7445

FRONT LOWER BRACE

Q1041

FRONT STRUT BRACE

Q1314

FRONT STRUT BRACE

7518

FRONT SWAY BAR

REAR

Q1056 FOR BRZ ZD8

REINFORCED REAR STABILIZER MOUNTING FRAME

7495

REAR TOE CONTROL ARM

7509

REAR STRUT BRACE

7433

REAR DIFF MOUNT SUPPORT BAR

Q1269

REAR LOWER ARM / CAMBER KIT

7519

REAR SWAY BAR

7467

REAR LOWER TIE BAR

