

RIW

STEERING & SUSPENSION MANUFACTURER



SCION PRODUCT CATALOG



Products

- Ball Joint
- Tie Rod End
- Axial Joint
- Link Stabilizer
- Control Arm
- Center Rod
- Stabilizer Mounting
- Suspension Kit
- Bush
- Tie Rod Assembly
- Mounting
- Steering Bellow
- Axle Bellow



About Us

RIW is an organization that produces high quality suspension and steering parts for passenger cars and light commercial vehicles in the automotive aftermarket industry. RIW aims to improve the automotive industry and benefit the country's economy with the target of safely using the vehicle by the end user. As one of the widest range steering and suspension parts manufacturer in the world, production and assembling facilities of RIW contains operations of the following product lines in steering and suspension group for the aftermarket; ball joint, tie rod end, axial joint (inner tie rod), tie rod assembly, link stabilizer, center rot, control arm, wishbone, bush, mount and rubber products. As a result of wide product range, high product quality, reasonable price and customer-focused studies, RIW takes the first place among the largest spare parts company in Turkey. Through execution of Research and Development in the production of the steering and suspension parts of passenger cars and light commercial vehicles, and at the most advanced and technological conditions, RIW is Turkey's most modern spare parts manufacturer.

The culture of the company takes product quality, technological development and customer satisfaction as the priority; therefore Automotive Aftermarket Industry use RIW brand product with confident. By taking advantage of latest technology machining's in its modern production facility, and also taking employee safety as the main principle in the every stage of the production; from design to production, production to quality, packaging to delivery, marketing to sales RIW has succeeded to be a respectable brand in more than 60 countries worldwide.

Mission

Providing the latest developed item to the market in high quality as the first in the aftermarket and improving product quality in the every part of the World.

Vision

Spreading the "RIW Standards" which is made by advanced technology and aftermarket experiences to benefit the whole world.

Production Strategy

RIW engineers control every stage of the production processes such as product design, mold design, machining, hot and cold forging, aluminum forging, vertical and horizontal arm milling machining, control arm manufacturing, welding, painting, coating and packaging, in its facilities separately. RIW accepts each stage of production as a different unit and advocates the idea that in order to provide the fastest and highest quality product each unit should act as a separate process during its planning for assembling and production. Hence, in this competitive market conditions where it is difficult to reach large capital numbers, RIW invests in the direction of quality control and development.

In contrast to the mindset that every single step in the production is under one roof, RIW ensures that the raw materials and semi-finished products are continuously inspected by experienced engineers and always keeps its quality under control in each stage of the production process. With this system, thanks to the latest technology machinery and test equipment used to apply quality testing at every stage, RIW always offers 100% controlled products to its customers and both minimizes the risk of error to zero and aims to offer competitive prices to the customers by decreasing the product costs.

Total Quality

RIW that aspires total quality approach has constantly increased its production capacity upon investments and quality works made and has become a preferred brand in the world aftermarket. Acting with the awareness of being a manufacturer of safety components, RIW actively exports its high-quality products too many countries located in Europe, North Africa, Middle East, Australia, North and South America.

At all stages from the start to the end of production, RIW closely monitors and checks the quality of its products and ensures that reliable and high quality products are offered to its customers. All tests and procedures are carried out by highly experienced RIW engineers until they find the right quality to develop the aftermarket industry.

- The codes which has 6 characters are suspension parts (Additional codes are exceptional)
- The codes which has 7 characters are rubber parts (Additional codes are exceptional)
- There is no any specific code for Rod Assembly.
- Rod Assembly codes are the combine of Tie Rod End and Axial Joint.
- Same parts which are used at the different cars might have the same code.

PE 6 001 J

Brand

AC ACURA	DC DACIA	IS ISUZU	LE LEYLAND	PE PEUGEOT	SM SMART
AF ALFA ROMEO	DW DAEWOO	IV IVECO	LC LINCOLN	PO PORSCHE	SY SSANGYONG
AU AUDI	DH DAIHATSU	JG JAGUAR	LO LOTUS	PR PROTON	SU SUBARU
BW BMW	DO DODGE	JP JEEP	MZ MAZDA	RE RENAULT	SZ SUZUKI
BU BUICK	FI FIAT	KI KIA	ME MERCEDES	RR ROLLS-ROYCE	TO TOYOTA
CD CADILLAC	FO FORD	LD LADA	MC MINI COOPER	RO ROVER	VA VAUXHALL
CV CHEVROLET	HN HONDA	LR LAND ROVER	MI MITSUBISHI	SA SAAB	VW VOLKSWAGEN
CY CHRYSLER	HY HYUNDAI	LV LDV	NS NISSAN	SE SEAT	VO VOLVO
CI CITROËN	IK IKCO	LX LEXUS	OP OPEL	SK SKODA	

Product Group

1 BALL JOINT	7 CENTER ROD & DRAG LINK	23 TIE ROD ASSEMBLY
2 TIE ROD END	8 SUSPENSION KITS	12 MOUNTING & RUBBER SUPPORT
3 AXIAL JOINT (INNER TIE ROD)	9 REAR WISHBONE AND CONTROL ARM	128 MOUNTING or RUBBER SUPPORT KIT
4 LINK STABILIZER	10 BUSH	13 BELLOW STEERING
5 CONTROL ARM	11 BUSH	14 BELLOW DRIVE SHAFT
6 WISHBONE	118 REPAIR & BUSH KIT	

Numbers

001 Any Number ■

Option






ADDITIONALS CODES AND MEANINGS

K K FOR BALL JOINTS	B B FOR WISHBONE and CONTROL ARMS
VW1012K 1 = BALL JOINT K = WITH EXTRA ACCESSORIES	BW5005B 5 = CONTROL ARM B = WITHOUT BUSHING
VW1012 1 = BALL JOINT	BW5005 5 = CONTROL ARM (The similar as OE part)
J J FOR WISHBONES	K K FOR MOUNTINGS (RUBBER PARTS)
PE6001J 6 = WISHBONE J = WITHOUT BALL JOINT	CV12005K 12 = MOUNTING K = KIT, 2 PIECES or WITH EXTRA ACCESSORIES
PE6001 6 = WISHBONE (The similar as the OE part)	CV12005 12 = MOUNTING (The similar as OE part)
K K FOR WISHBONES or CONTROL ARMS (5,6 or 9)	A THE PRODUCT HAS DIFFERENT OPTION
BW6005K 6 = WISHBONE K = WITH EXTRA ACCESSORIES	FO4030A 4 = LINK STABILIZER A = OPTION (metal, rubber), plastic etc)
BW6005 6 = WISHBONE	FO4030 4 = LINK STABILIZER (The similar as OE part)








SCION

FR-S
2012 - 2016



Image	Product Code and Description	Details	OEM
	SU2017 TIE ROD END RH	Weight : 0,526 kg / 1.160 lb Length : 138 mm / 5.43 inch	34161-CA000, SU003-00833
	SU2018 TIE ROD END LH	Weight : 0,526 kg / 1.160 lb Length : 138 mm / 5.43 inch	34161-CA010, SU003-00834
	SU3011 AXIAL JOINT	Weight : 0,476 kg / 1.049 lb Length : 226.5 mm / 8.92 inch	34160CA000, SU00300832
	TO4071 LINK STABILIZER FRONT	Weight : 0,496 kg / 1.093 lb Material Type : Metal Length : 711 mm / 27.99 inch	20420-CA000, SU003-00394
	SU12004 STRUT MOUNTING FRONT	Chassis (Front / Rear) : Front Weight : 0,785 kg / 1.731 lb	20370-AJ00A, 20370-FG002 20370-FG010, 20370-FG011 20370-FG012

IQ
2012 - 2015








Image	Product Code and Description	Details	OEM
	TO2040 TIE ROD END	Weight : 0,322 kg / 0.710 lb	45046-79025
	TO3027 AXIAL JOINT	Weight : 0,423 kg / 0.933 lb Length : 117 mm / 4.61 inch	4550374010, 45503-74010
	TO4038 LINK STABILIZER FRONT	Material Type : Aluminum Length : 283 mm / 11.14 inch Ball Pin Thread Size : M12X1,25	48820-74010
	TO4038A LINK STABILIZER FRONT	Weight : 0,347 kg / 0.765 lb Material Type : Metal Length : 283 mm / 11.14 inch Ball Pin Thread Size : M12X1,25	48820-74010*, 48820-74010
	TO6057 WISHBONE (WITH BALL JOINT) FRONT LOWER RH	Weight : 1,53 kg / 3.373 lb Material Type : Metal	48068-79015

* Name of all vehicles, brands, models, symbols and logos, OE numbers and other third party numbers in this website and catalog are used for reference purposes only.

IQ
2012 - 2015




Image	Product Code and Description	Details	OEM
	TO6058 WISHBONE (WITH BALL JOINT) FRONT LOWER LH	Weight : 1,53 kg / 3.373 lb Material Type : Metal	48069-79015, 48610-60030*
	TO11026 BUSH FOR WISHBONE REAR	Position : Left And Right Weight : 0,085 kg / 0.187 lb	
	TO11031 BUSH FOR WISHBONE CENTER	Position : Center Left And Right Weight : 0,245 kg / 0.540 lb	

TC
AGT20
2011 - 2016







Image	Product Code and Description	Details	OEM
	TO2038 TIE ROD END RH	Weight : 0,909 kg / 2.004 lb Length : 195 mm / 7.68 inch Body Thread Size : M16X1,5 Ball Pin Thread Size : M12X1,25 Ball Pin Cone Diameter : Ø13,6	4504649195, 45046-49195
	TO2039 TIE ROD END LH	Weight : 0,909 kg / 2.004 lb Length : 195 mm / 7.68 inch Body Thread Size : M16X1,5 Ball Pin Thread Size : M12X1,25 Ball Pin Cone Diameter : Ø13,6	4504749135, 4504749195 45047-49195
	TO6030 WISHBONE (WITH BALL JOINT) FRONT LOWER RH	Weight : 4,666 kg / 10.287 lb Material Type : Metal	48068-02130*, 48068-12300* 4806812300
	TO6030J WISHBONE (WITHOUT BALL JOINT) FRONT LOWER RH	Weight : 3,891 kg / 8.578 lb Material Type : Metal	48068-02130, 4806812300 48068-12300
	TO6031 WISHBONE (WITH BALL JOINT) FRONT LOWER LH	Weight : 4,666 kg / 10.287 lb Material Type : Metal	48069-12300*, 4806912300
	TO6031J WISHBONE (WITHOUT BALL JOINT) FRONT LOWER LH	Weight : 3,891 kg / 8.578 lb Material Type : Metal	4806912300, 48069-12300
	TO9016 CONTROL ARM REAR UPPER	Weight : 1,440 kg / 3.175 lb	4877012010

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TC	AGT20	2011 - 2016
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Image	Product Code and Description	Details	OEM
	TO11029 BUSH FOR WISHBONE REAR BIG	Chassis (Front / Rear) : Front Position : Left And Right Weight : 0,376 kg / 0.829 lb	48069-12300*
	TO11030 BUSH FOR WISHBONE CENTER SMALL	Position : Center Left And Right Weight : 0,226 kg / 0.498 lb	4865442040
	TO12059 ENGINE MOUNTING FRONT	Chassis (Front / Rear) : Front Weight : 1,105 kg / 2.436 lb	12361-0D180, 12361-0T010 12361-28230, 12361-28240 12361-28250, 12361-36130

TC	ANT10	2005 - 2010
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Image	Product Code and Description	Details	OEM
	TO1049 BALL JOINT FRONT LOWER	Weight : 790 kg / 1741.652 lb Cone Size [mm] : Ø15 Ball Pin Thread Size : M14X1,5	4333049055
	TO1054 BALL JOINT FRONT LOWER	Weight : 0,726 kg / 1.601 lb	43330-09670
	TO4026 LINK STABILIZER FRONT	Weight : 0,388 kg / 0.855 lb Material Type : Metal Length : 285 mm / 11.22 inch Ball Pin Thread Size : M12X1,25	4882002030, 48820-02030 4882002040, 48820-02040 4882047010, 48820-47010
	TO4027 LINK STABILIZER REAR RH	Weight : 0,23 kg / 0.507 lb Material Type : Metal Length : 100 mm / 3.94 inch Ball Pin Thread Size : M10X1,25	4883021020, 48830-21020
	TO4028 LINK STABILIZER REAR LH	Weight : 0,231 kg / 0.509 lb Material Type : Metal Length : 100 mm / 3.94 inch Ball Pin Thread Size : M10X1,25	48840-21010, 4884021020
	TO12044 ENGINE MOUNTING RH	Chassis (Front / Rear) : Front Position : Right Weight : 1,285 kg / 2.833 lb	12305-28120, 12305-28210 12305-28220

XA
2004 - 2006

Image	Product Code and Description	Details	OEM
	TO1009 BALL JOINT FRONT LOWER	Weight : 0,282 kg / 0.622 lb Cone Size [mm] : Ø13,5 Ball Pin Thread Size : M12X1,25 Ball Joint Body Diameter : Ø36,7	43308-59035, 4330859095 43308-59095, 43308-9035
	TO4054 LINK STABILIZER FRONT	Weight : 0,108 kg / 0.238 lb Length : 98 mm / 3.86 inch	48817-52010, 48819-52010 90948-02178, 90948-02179 94182-10800

XB
E150
2007 - 2015


Image	Product Code and Description	Details	OEM
	TO1015 BALL JOINT FRONT LOWER	Weight : 0,835 kg / 1.841 lb Cone Size [mm] : Ø17,5 Connection Hole Diameter : Ø12 / M12X1,25 Ball Pin Thread Size : M14X1,5	4333009630, 43330-09630 4333019245, 43330-19245
	TO6030 WISHBONE (WITH BALL JOINT) FRONT LOWER RH	Weight : 4,666 kg / 10.287 lb Material Type : Metal	48068-02130*, 48068-12300* 4806812300
	TO6030J WISHBONE (WITHOUT BALL JOINT) FRONT LOWER RH	Weight : 3,891 kg / 8.578 lb Material Type : Metal	48068-02130, 4806812300 48068-12300
	TO6031 WISHBONE (WITH BALL JOINT) FRONT LOWER LH	Weight : 4,666 kg / 10.287 lb Material Type : Metal	48069-12300*, 4806912300
	TO6031J WISHBONE (WITHOUT BALL JOINT) FRONT LOWER LH	Weight : 3,891 kg / 8.578 lb Material Type : Metal	4806912300, 48069-12300
	TO11029 BUSH FOR WISHBONE REAR BIG	Chassis (Front / Rear) : Front Position : Left And Right Weight : 0,376 kg / 0.829 lb	48069-12300*
	TO11030 BUSH FOR WISHBONE CENTER SMALL	Position : Center Left And Right Weight : 0,226 kg / 0.498 lb	4865442040
	TO12046 ENGINE MOUNTING REAR	Chassis (Front / Rear) : Rear Weight : 2,015 kg / 4.442 lb	12371-22220

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XB E150 2007 - 2015

Image	Product Code and Description	Details	OEM
	TO12059 ENGINE MOUNTING FRONT	Chassis (Front / Rear) : Front Weight : 1,105 kg / 2.436 lb	12361-0D180, 12361-0T010 12361-28230, 12361-28240 12361-28250, 12361-36130

XB XP30 2003 - 2006

Image	Product Code and Description	Details	OEM
	TO4054 LINK STABILIZER FRONT	Weight : 0,108 kg / 0.238 lb Length : 98 mm / 3.86 inch	48817-52010, 48819-52010 90948-02178, 90948-02179 94182-10800

XD 2008 - 2014

Image	Product Code and Description	Details	OEM
	TO1009 BALL JOINT FRONT LOWER	Weight : 0,282 kg / 0.622 lb Cone Size [mm] : Ø13,5 Ball Pin Thread Size : M12X1,25 Ball Joint Body Diameter : Ø36,7	43308-59035, 4330859095 43308-59095, 43308-9035
	TO2002 TIE ROD END	Weight : 0,346 kg / 0.763 lb Length : 84 mm / 3.31 inch Body Thread Size : M15X1,5 Ball Pin Thread Size : M12X1,25 Ball Pin Cone Diameter : Ø12,6	45046-09190, 45046-29255 45046-59115
	TO12057 ENGINE MOUNTING REAR	Chassis (Front / Rear) : Rear Weight : 0,725 kg / 1.598 lb	12363-0M020, 12363-21060



NOTES

Product Code	Additional Information
SU12004 STRUT MOUNTING FRONT	WITHOUT BEARING
TO1049 BALL JOINT FRONT LOWER	FOR USA MARKET
TO2002 TIE ROD END	LEXUS RX (300) YEARS ONLY: 1999-2003
TO4054 LINK STABILIZER FRONT	COMPLETE