

RIW

STEERING & SUSPENSION MANUFACTURER



HOLDEN 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

autocare[™]
ASSOCIATION



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)



HOLDEN

ASTRA AH 2005 - 2010

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740

ASTRA TR 1995 - 1998

Image	Product Code and Description	Details	OEM
	OP12024 SHOCK ABSORBER MOUNTING	Position : Left And Right Weight : 0.62 kg / 1.367 lb Note : AMORTİSÖR ÜST TAKOZU	344517, 344531 90434330, 90496637
	OP12024K SHOCK ABSORBER MOUNTING KIT	Position : Left And Right Weight : 1.24 kg / 2.734 lb Note : ASTRA: 1991-1998 / 2 PCS	344517, 344531 90496637
	OP12038 ANTI FRICTION BEARING FOR STRUT SUPPORT MOUNTING	Position : Left And Right Weight : 0.064 kg / 0.141 lb Note : AMORTİSÖR ÜST BİLYE	312510, 344515 344516, 90236985 90425479
	OP12038K ANTI FRICTION BEARING FOR STRUT SUPPORT MOUNTING KIT	Position : Left And Right Weight : 0.128 kg / 0.282 lb Note : 2 PCS	344515, 344516 90236985, 90425479
	OP12148 STRUT SUPPORT MOUNTING	Chassis (Front / Rear) : Front Position : Left And Right Weight : 0.08 kg / 0.176 lb	344518, 90374844 94535236
	OP12802 STRUT MOUNTING KIT	Position : Left And Right Weight : 0.5 kg / 1.102 lb Note : KIT = OP12038 and OP12024	344515, 344516 344517, 344531 90236985, 90425479 90496637
	OP12802K STRUT MOUNTING SET	Position : Left And Right Weight : 1 kg / 2.205 lb Note : KIT = OP12038K and OP12024K	344515, 344516 344517, 344531 90236985, 90425479 90496637

ASTRA TS 1998 - 2006

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740

COMBO
1996 - 1997

Image	Product Code and Description	Details	OEM
	OP12104 RUBBER BUFFER	Position : Left And Right Weight : 0.04 kg / 0.088 lb Note : SÜSPANSİYON TAKOZU	344182, 344405 90222270

COMBO
2001 -

Image	Product Code and Description	Details	OEM
	OP12073 ENGINE MOUNTING RH	Position : Right Weight : 1.3 kg / 2.866 lb Note : MOTOR TAKOZU	13125208, 5684168 684180, 9227878

COMMODORE
VX
2000 - 2002

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740

STATESMAN
WH
1999 - 2003

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740

TRAX
TJ
2014 -

Image	Product Code and Description	Details	OEM
	OP11053 BUSH FOR WISHBONE SMALL CENTER	Chassis (Front / Rear) : Front Position : Center Left And Right Weight : 0,288 kg / 0.635 lb Note : .	352522*, 352522 352523*, 352523 352524*, 352524 95025704*, 95025704 95025706*, 95025706
	OP11055 BUSH FOR WISHBONE BIG	Chassis (Front / Rear) : Front Position : Left And Right Weight : 0,326 kg / 0.719 lb Note : .	352522**, 352522 352523**, 352523 352524**, 352524 95025704**, 95025704 95025706*, 95025706

VECTRA JR 1997 - 1998

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740

VECTRA JS 1997 - 1998

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740

VECTRA ZC 2002 - 2006

Image	Product Code and Description	Details	OEM
	OP12019 TOP STRUT MOUNTING FRONT	Position : Left And Right Weight : 0.945 kg / 2.083 lb Note : AMORTİSÖR TAKOZU	12782216, 344529 344533, 344537 344538
	OP12019K TOP STRUT MOUNTING FRONT KIT	Position : Left And Right Weight : 1.89 kg / 4.167 lb Note : 2 PCS	12782216, 344529 344537
	OP12805 STRUT MOUNTING KIT	Position : Left And Right Weight : 1.113 kg / 2.454 lb Note : KIT = OP12019 and OP12020	12782216, 13270705 344529, 344537 344625, 344665 93191295
	OP12805K STRUT MOUNTING SET	Position : Left And Right Weight : 2.226 kg / 4.907 lb Note : KIT = OP12019K and OP12020K	12782216, 13270705 344529, 344537 344625, 344665 93191295

ZAFIRA TT 2001 - 2006

Image	Product Code and Description	Details	OEM
	SA1020 BALL JOINT FRONT LOWER	Weight : 0,505 kg / 1.113 lb Connection Hole Diameter : Ø8,5	4835740



NOTES

Product Code	Additional Information
OP12019K TOP STRUT MOUNTING FRONT KIT	2 PCS
OP12024 SHOCK ABSORBER MOUNTING	ASTRA: 1991-1998
OP12024K SHOCK ABSORBER MOUNTING KIT	ASTRA: 1991-1998 / 2 PCS
OP12038K ANTI FRICTION BEARING FOR STRUT SUPPORT MOUNTING KIT	2 PCS
OP12802 STRUT MOUNTING KIT	KIT = OP12038 and OP12024
OP12802K STRUT MOUNTING SET	KIT = OP12038K and OP12024K
OP12805 STRUT MOUNTING KIT	KIT = OP12019 and OP12020
OP12805K STRUT MOUNTING SET	KIT = OP12019K and OP12020K