

# RIW

## STEERING & SUSPENSION MANUFACTURER



# BENTLEY 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












<b>K K FOR BALL JOINTS</b>	<b>B B FOR WISHBONE and CONTROL ARMS</b>
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)
<b>J J FOR WISHBONES</b>	<b>K K FOR MOUNTINGS (RUBBER PARTS)</b>
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)
<b>K K FOR WISHBONES or CONTROL ARMS (5,6 or 9)</b>	<b>A THE PRODUCT HAS DIFFERENT OPTION</b>
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)



**BENTLEY**







**BENTAYGA**
**4V1**
**2015 -**




Image	Product Code and Description	Details	OEM
	<b>AU2029</b> TIE ROD END RH	Weight : 0,890 kg / 1.962 lb Length : 221 mm / 8.70 inch	4M0423812B, 4M0423812D
	<b>AU2030</b> TIE ROD END LH	Weight : 0,890 kg / 1.962 lb Length : 221 mm / 8.70 inch	4M0423811B, 4M0423811D
	<b>AU4031</b> LINK STABILIZER FRONT	Weight : 0,201 kg / 0.443 lb Material Type : Aluminum Length : 170 mm / 6.69 inch	4G0411317A, 4G0411317C 4M0411317
	<b>AU5075</b> TRACK CONTROL ARM FRONT UPPER REARWARD RH	Material Type : Aluminum	4M0407510B, 4M0407510C 80A407510A
	<b>AU5076</b> TRACK CONTROL ARM FRONT UPPER REARWARD LH	Material Type : Aluminum	4M0407509B, 4M0407509C 80A407509A
	<b>AU5077</b> TRACK CONTROL ARM FRONT UPPER FORWARD RH	Material Type : Aluminum	4M0407506B, 4M0407506C 80A407506A
	<b>AU5078</b> TRACK CONTROL ARM FRONT UPPER FORWARD LH	Material Type : Aluminum	4M0407505B, 4M0407505C 80A407505A
	<b>AU5081</b> CONTROL ARM (WITH BALL JOINT) FRONT UPPER REARWARD RH	Weight : 3,143 kg / 6.929 lb	4M0407694C, 4M0407694D 4M0407694E, 95840769400
	<b>AU5082</b> CONTROL ARM (WITH BALL JOINT) FRONT UPPER REARWARD LH	Weight : 3,143 kg / 6.929 lb	4M0407693C, 4M0407693D 4M0407693E, 95840769300
	<b>AU9022</b> CONTROL ARM REAR LOWER REARWARD	Weight : 1,322 kg / 2.915 lb Material Type : Aluminum	4M0501529L
	<b>AU9029</b> CONTROL ARM REAR LOWER REARWARD	Weight : 0,811 kg / 1.788 lb Material Type : Aluminum	4M0505323G

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**BENTAYGA**
**4V1**
**2015 -**

Image	Product Code and Description	Details	OEM
	<b>AU11043</b> BUSH FOR CONTROL ARM LOWER CENTER BIG	Chassis (Front / Rear) : Front Position : Lower Center Left And Right Weight : 0,1 kg / 0.220 lb	4E0407181B
	<b>AU11071</b> BUSH FOR CONTROL ARM REAR LOWER	Chassis (Front / Rear) : Rear Position : Lower Weight : 0,250 kg / 0.551 lb	4M0501529L*, 4M0501529N* 4M0501530N*
	<b>AU11072</b> BUSH FOR CONTROL ARM REAR LOWER	Chassis (Front / Rear) : Rear Position : Lower Weight : 0,250 kg / 0.551 lb	4M0501529L*, 4M0501529N* 4M0501530N*
	<b>AU11073</b> BUSH FOR CONTROL ARM FRONT UPPER	Chassis (Front / Rear) : Front Position : Upper Weight : 0,620 kg / 1.367 lb	4M0407693C, 4M0407693D 4M0407693E, 4M0407694C 4M0407694D, 4M0407694E 95840769300, 95840769400

**CONTINENTAL**
**2018 -**

Image	Product Code and Description	Details	OEM
	<b>PO2003</b> TIE ROD END RH	Weight : 0,575 kg / 1.268 lb Length : 224 mm / 8.82 inch	971423812B
	<b>PO2004</b> TIE ROD END LH	Weight : 0,575 kg / 1.268 lb Length : 224 mm / 8.82 inch	971423811B
	<b>PO3004</b> AXIAL JOINT	Weight : 0,565 kg / 1.246 lb Length : 221 mm / 8.70 inch	971423810

**CONTINENTAL**
**AD**
**2005 - 2017**

Image	Product Code and Description	Details	OEM
	<b>AU1020</b> BALL JOINT FRONT LOWER	Weight : 0,141 kg / 0.311 lb	4E0501529C, 4E0501529D* 4E0501529D, 4E0501529G* 4E0501529G
	<b>AU2218</b> TIE ROD END	Weight : 0,654 kg / 1.442 lb Length : 161 mm / 6.34 inch Body Thread Size : M16X1,5 Ball Pin Thread Size : M8X1,25 Ball Pin Cone Diameter : Ø23	4E0419811B, 4E0419811C 4E0419811D, 4E0419811E

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**CONTINENTAL**
**AD**
**2005 - 2017**

Image	Product Code and Description	Details	OEM
	<b>AU3011</b> AXIAL JOINT	Length : 130 mm / 5.12 inch Body Thread Size : M16X1,5 Ball Pin Thread Size : M14X1,5	4E0419821A, 4F0419882 8E0419821, 8E0422801B 8E0422821, 8E0422821C 8E0422822
	<b>AU4036</b> LINK STABILIZER REAR	Weight : 0,227 kg / 0.500 lb Material Type : Metal Length : 94 mm / 3.70 inch	4E0505465G
	<b>AU5024</b> TRACK CONTROL ARM FRONT LOWER RH	Material Type : Aluminum	4E0407694C, 4E0407694F 4E0407696B
	<b>AU5025</b> TRACK CONTROL ARM FRONT LOWER LH	Material Type : Aluminum	4E0407693C, 4E0407693F 4E0407695B
	<b>AU5026</b> TRACK CONTROL ARM FRONT LOWER	Material Type : Aluminum	4E0407151G, 4E0407151L 4E0407155C
	<b>AU5055</b> CONTROL ARM REAR LOWER	Material Type : Aluminum	4E0501529D, 4E0501529G
	<b>AU11042</b> BUSH FOR TRACK CONTROL ARM REAR LOWER	Position : Lower Left And Right Weight : 0,16 kg / 0.353 lb	4E0407182C
	<b>AU11043</b> BUSH FOR CONTROL ARM LOWER CENTER BIG	Chassis (Front / Rear) : Front Position : Lower Center Left And Right Weight : 0,1 kg / 0.220 lb	4E0407181B
	<b>AU11044</b> BUSH FOR TRACK CONTROL ARM LOWER CENTER BIG	Position : Lower Center Left And Right Weight : 0,1 kg / 0.220 lb	4E0407183B
	<b>AU11059</b> BUSH FOR CONTROL ARM REAR LOWER	Chassis (Front / Rear) : Rear Position : Lower Left And Right Weight : 0,127 kg / 0.280 lb	4E0501529D*, 4E0501529D-P 4E0501529G*, 4E0501529G-P Part of 4E0501529D, Part of 4E0501529G

**FLYING SPUR**
**2005 - 2013**

Image	Product Code and Description	Details	OEM
	<b>AU1020</b> BALL JOINT FRONT LOWER	Weight : 0,141 kg / 0.311 lb	4E0501529C, 4E0501529D* 4E0501529D, 4E0501529G* 4E0501529G
	<b>AU2218</b> TIE ROD END	Weight : 0,654 kg / 1.442 lb Length : 161 mm / 6.34 inch Body Thread Size : M16X1,5 Ball Pin Thread Size : M8X1,25 Ball Pin Cone Diameter : Ø23	4E0419811B, 4E0419811C 4E0419811D, 4E0419811E
	<b>AU3011</b> AXIAL JOINT	Length : 130 mm / 5.12 inch Body Thread Size : M16X1,5 Ball Pin Thread Size : M14X1,5	4E0419821A, 4F0419882 8E0419821, 8E0422801B 8E0422821, 8E0422821C 8E0422822
	<b>AU4036</b> LINK STABILIZER REAR	Weight : 0,227 kg / 0.500 lb Material Type : Metal Length : 94 mm / 3.70 inch	4E0505465G
	<b>AU5024</b> TRACK CONTROL ARM FRONT LOWER RH	Material Type : Aluminum	4E0407694C, 4E0407694F 4E0407696B
	<b>AU5025</b> TRACK CONTROL ARM FRONT LOWER LH	Material Type : Aluminum	4E0407693C, 4E0407693F 4E0407695B
	<b>AU5026</b> TRACK CONTROL ARM FRONT LOWER	Material Type : Aluminum	4E0407151G, 4E0407151L 4E0407155C
	<b>AU5055</b> CONTROL ARM REAR LOWER	Material Type : Aluminum	4E0501529D, 4E0501529G
	<b>AU11042</b> BUSH FOR TRACK CONTROL ARM REAR LOWER	Position : Lower Left And Right Weight : 0,16 kg / 0.353 lb	4E0407182C
	<b>AU11043</b> BUSH FOR CONTROL ARM LOWER CENTER BIG	Chassis (Front / Rear) : Front Position : Lower Center Left And Right Weight : 0,1 kg / 0.220 lb	4E0407181B
	<b>AU11044</b> BUSH FOR TRACK CONTROL ARM LOWER CENTER BIG	Position : Lower Center Left And Right Weight : 0,1 kg / 0.220 lb	4E0407183B

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**FLYING SPUR**
**2005 - 2013**

Image	Product Code and Description	Details	OEM
	<b>AU11059</b> BUSH FOR CONTROL ARM REAR LOWER	Chassis (Front / Rear) : Rear Position : Lower Left And Right Weight : 0,127 kg / 0.280 lb	4E0501529D*, 4E0501529D-P 4E0501529G*, 4E0501529G-P Part of 4E0501529D, Part of 4E0501529G

**FLYING SPUR**
**2013 - 2019**

Image	Product Code and Description	Details	OEM
	<b>AU4036</b> LINK STABILIZER REAR	Weight : 0,227 kg / 0.500 lb Material Type : Metal Length : 94 mm / 3.70 inch	4E0505465G

**FLYING SPUR**
**2019 -**

Image	Product Code and Description	Details	OEM
	<b>PO2003</b> TIE ROD END RH	Weight : 0,575 kg / 1.268 lb Length : 224 mm / 8.82 inch	971423812B
	<b>PO2004</b> TIE ROD END LH	Weight : 0,575 kg / 1.268 lb Length : 224 mm / 8.82 inch	971423811B
	<b>PO3004</b> AXIAL JOINT	Weight : 0,565 kg / 1.246 lb Length : 221 mm / 8.70 inch	971423810

