

Not all shock absorbers are created equal...

...some are better than others.

Well known across Europe as a leading distributor of brake discs and pads for heavy commercial vehicles, trailers and buses. All Juratek branded products have high standards of quality, durability and in-service performance, which is demanded at all levels of distribution in this very safety conscious market.

A vehicle suspension traditionally consists of a spring and shock absorber in parallel. The spring supports the static weight of the mass, while the shock absorber dissipates the energy from road disturbances. Shock absorbers produce a force proportional to the relative velocity between sprung and unsprung masses.

Our shock absorbers are sourced globally from manufacturers to the original equipment market and are tested to 1.8 million cycles, greater than OEM requirement.



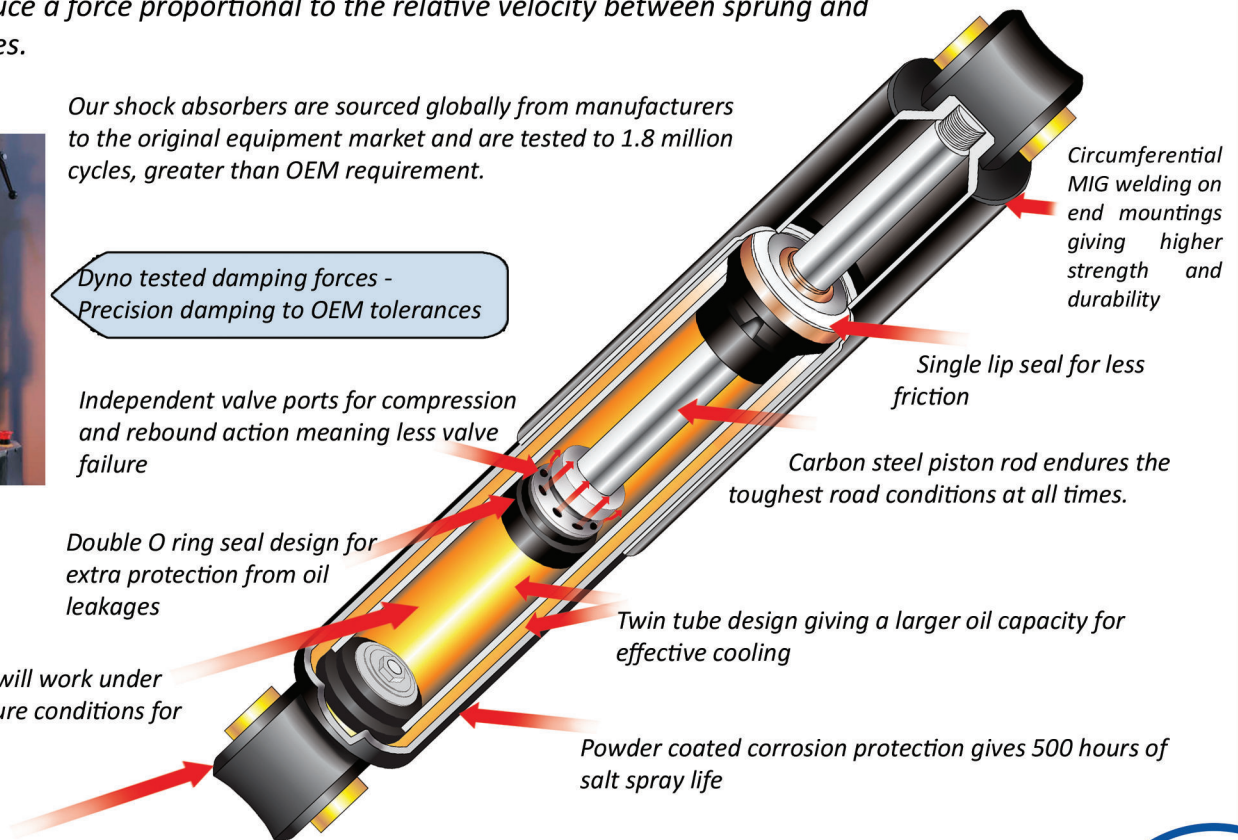
Dyno tested damping forces - Precision damping to OEM tolerances

Independent valve ports for compression and rebound action meaning less valve failure

Double O ring seal design for extra protection from oil leakages

All weather fluid - will work under extreme temperature conditions for extended periods

Premium quality rubber mountings give a high degree of flexing



Circumferential MIG welding on end mountings giving higher strength and durability

Single lip seal for less friction

Carbon steel piston rod endures the toughest road conditions at all times.

Twin tube design giving a larger oil capacity for effective cooling

Powder coated corrosion protection gives 500 hours of salt spray life

www.juratek.com



The information below is designed to help you identify the shock absorber required by using one of the methods below:

Physical Examination

- By measuring the open and closed dimension. See dimension chart below.
- By identifying the end connection types. See dimension chart below.

Part Number

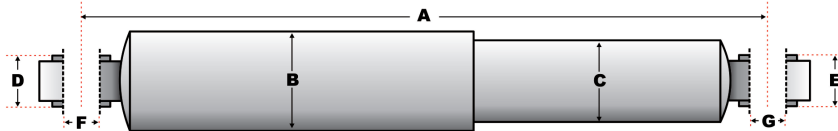
- Vehicle manufacturer's original equipment number (OEM). See cross reference section in the Master Catalogue 2012 pages 130
- Alternative supplier's part number. See cross reference section in the Master Catalogue 2012 pages 130-132

Application

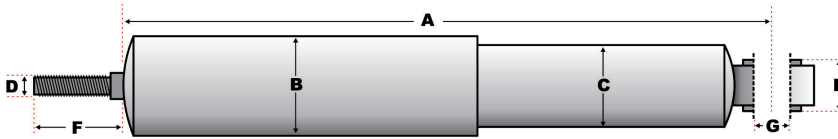
- Vehicle manufacturer. See application section in the Master Catalogue 2012 pages 115-129

Dimension Chart

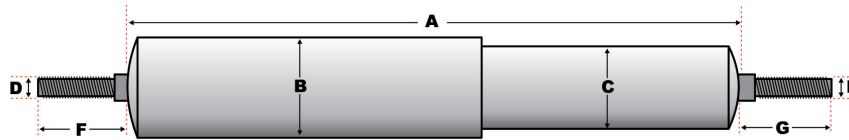
Bush / Bush
O/O



Pin / Bush
I/O



Pin / Pin
I/I



Type	A _{open}	A _{closed}	B	C	D	E	F	G	Part No.	Application	Type	A _{open}	A _{closed}	B	C	D	E	F	G	Part No.	Application
O/O	369	273	80	70	58	58	24	24	JSA557	MERITOR	O/O	650	403	80	71	55	55	20	20	JSA682	IVECO
O/O	378	276	75	65	45	45	20	20	JSA004	SMB (FRUEHAUF)	O/O	652	412	80	71	62	62	20	30	JSA041	MAN
O/O	393	270	80	70	50	50	20	20	JSA080	HENDRICKSON	O/O	665	416	63	54	50	50	16	16	JSA664	MAN
O/O	413	278	75	70	78	68	20	20	JSA662	SAF	O/O	670	422	80	71	62	62	20	30	JSA036	DAF
O/O	429	296	80	70	55	55	20	20	JSA007	SMB (FRUEHAUF)	I/O	673	404	70	61	14	55	75	24	JSA672	MAN
O/O	429	296	80	70	62	62	20	20	JSA006	MERITOR	O/O	673	408	70	61	38	38	16	16	JSA504	IVECO
O/O	432	296	80	71	55	55	24	24	JSA666	BPW/SAF	O/O	680	428	80	71	62	62	20	30	JSA673	MAN
O/O	432	300	80	70	58	58	24	24	JSA001	MERITOR	O/O	686	430	80	70	55	55	24	24	JSA034	BPW/SAF
O/O	432	310	80	70	58	58	24	24	JSA060	HENDRICKSON	I/O	690	413	70	61	14	50	70	22	JSA232	SCANIA
O/O	460	318	80	70	50	50	20	20	JSA011	SMB (FRUEHAUF)	I/O	693	413	70	61	14	50	67	22	JSA208	SCANIA
O/O	471	331	80	70	58	58	24	24	JSA014	MERITOR	I/I	698	402	80	71	16	16	70	70	JSA669	DAF
O/O	473	328	80	70	55	55	20	20	JSA016	SMB (FRUEHAUF)	I/I	698	402	80	71	16	16	70	70	JSA670	DAF
O/O	479	321	80	70	62	62	20	20	JSA012	SAF	I/I	713	415	80	71	14	14	77	78	JSA101	VOLVO
O/O	491	315	75	65	78	68	20	20	JSA642	SAF	O/O	715	450	70	61	100	66	16	16	JSA679	VOLVO
O/O	500	312	56	45	40	40	14	12	JSA678	MERCEDES	O/O	717	435	56	50	62	50	14	16	JSA062	MERCEDES
O/O	500	330	80	70	55	55	24	24	JSA009	BPW/GIGANT	O/O	725	445	80	71	105	50	20	20	JSA312	MERCEDES
O/O	502	324	76	63	55	55	24	24	JSA010	BPW/GIGANT	O/O	740	445	70	61	50	50	20	20	JSA315	MERCEDES
O/O	514	340	76	63	55	55	20	20	JSA019	TRAILOR	O/O	781	475	76	63	55	55	24	24	JSA611	BPW
O/O	532	335	75	65	78	68	20	20	JSA663	SAF	O/O	803	480	70	61	50	50	16	16	JSA313	MERCEDES
O/O	538	350	80	70	55	55	24	24	JSA018	BPW	I/O	836	485	70	61	16	50	67	20	JSA227	SCANIA
I/I	615	360	56	50	14	14	67	74	JSA667	DAF	I/O	842	512	70	61	14	55	75	24	JSA674	MAN
I/O	628	378	80	71	16	50	71	20	JSA213	DAF	O/O	853	505	70	61	50	50	16	16	JSA677	MERCEDES
O/O	630	383	56	50	58	40	14	14	JSA532	MERCEDES	O/O	855	515	80	71	105	50	16	16	JSA316	MERCEDES
I/O	635	395	80	71	16	45	80	20	JSA668	DAF	I/O	869	500	70	61	14	50	63	20	JSA230	SCANIA
O/O	642	390	70	61	38	38	16	16	JSA502	IVECO	O/O	950	556	80	71	50	50	20	20	JSA536	SCANIA
O/O	649	403	70	61	50	50	14	14	JSA064	MERCEDES											

Shock Absorber Warranty Period
12 months unlimited mileage

Shock absorber safety is just as vital as steering and brake safety.

JURATEK®

Shock absorbers are closely linked to safety therefore defective shock absorbers can be just as dangerous as faulty brakes or steering.

It is recommended that shock absorbers should be checked as often as brakes.

The information below is designed to assist in understanding the important role of the shock absorber and to assist in detecting faulty shock absorbers.



Symptoms of worn or faulty Shock Absorbers

Steering Wheel Vibration



Excessive Dipping During Braking



Excessive Tyre Bounce (especially on bad road surfaces)



Excessive Body Roll (especially in high winds)



Patchy Tyre Wear



Warranty Period

Shock Absorbers

**12 months
unlimited mileage**

Defective shock absorbers can increase your braking distance.



www.juratek.com



Juratek shock absorbers are sourced globally from manufacturers to the original equipment market and are tested to 1.8 million cycles, which is greater than the OEM requirement.



Troubleshooting Guide

Damaged Mounting



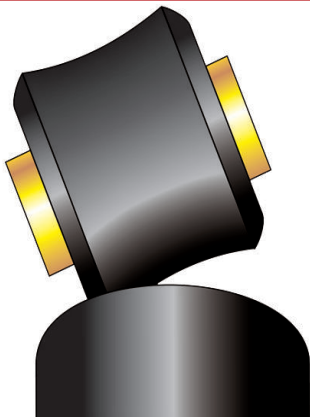
A damaged mounting can be caused by overloading a vehicle.

Body Damage



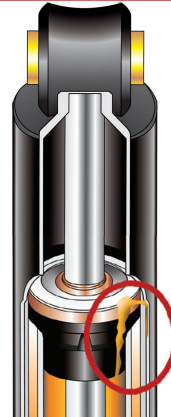
Damage to the body can be caused by an accident or road debris. Damage prevents or slows down the piston rod as it goes back and forth.

Broken Mounting



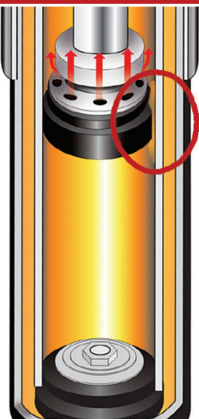
Broken mounting can be caused by a sudden impact or collision

Damage Seal



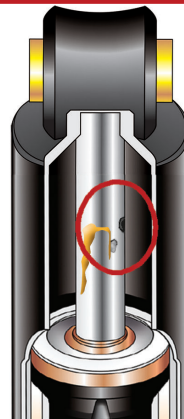
Damage to the seal can cause leakage of hydraulic fluid.

Damage Piston Seal



Damage to the piston seal causes the oil to flow past the piston in an uncontrolled way which decreases oil pressure. The lowering of the pressure reduces the cushioning force.

Damage Piston Rod



Damage to the piston rod can be caused by corrosion or tools which causes the seals to be damaged and oil leakage to occur.

A vehicle suspension traditionally consists of a spring and shock absorber fitted and working together. The spring supports the static weight of the mass, while the shock absorber dissipates the energy from road disturbances. Shock absorbers produce a force proportional to the relative velocity between sprung and unsprung masses.

www.juratek.com

