

# EOK&TOPASIA INDUCTIVE SHOCK ABSORBER CATALOG



**EOK SPECILIZE IN SHOCK ABSORBER  
WITH 30**

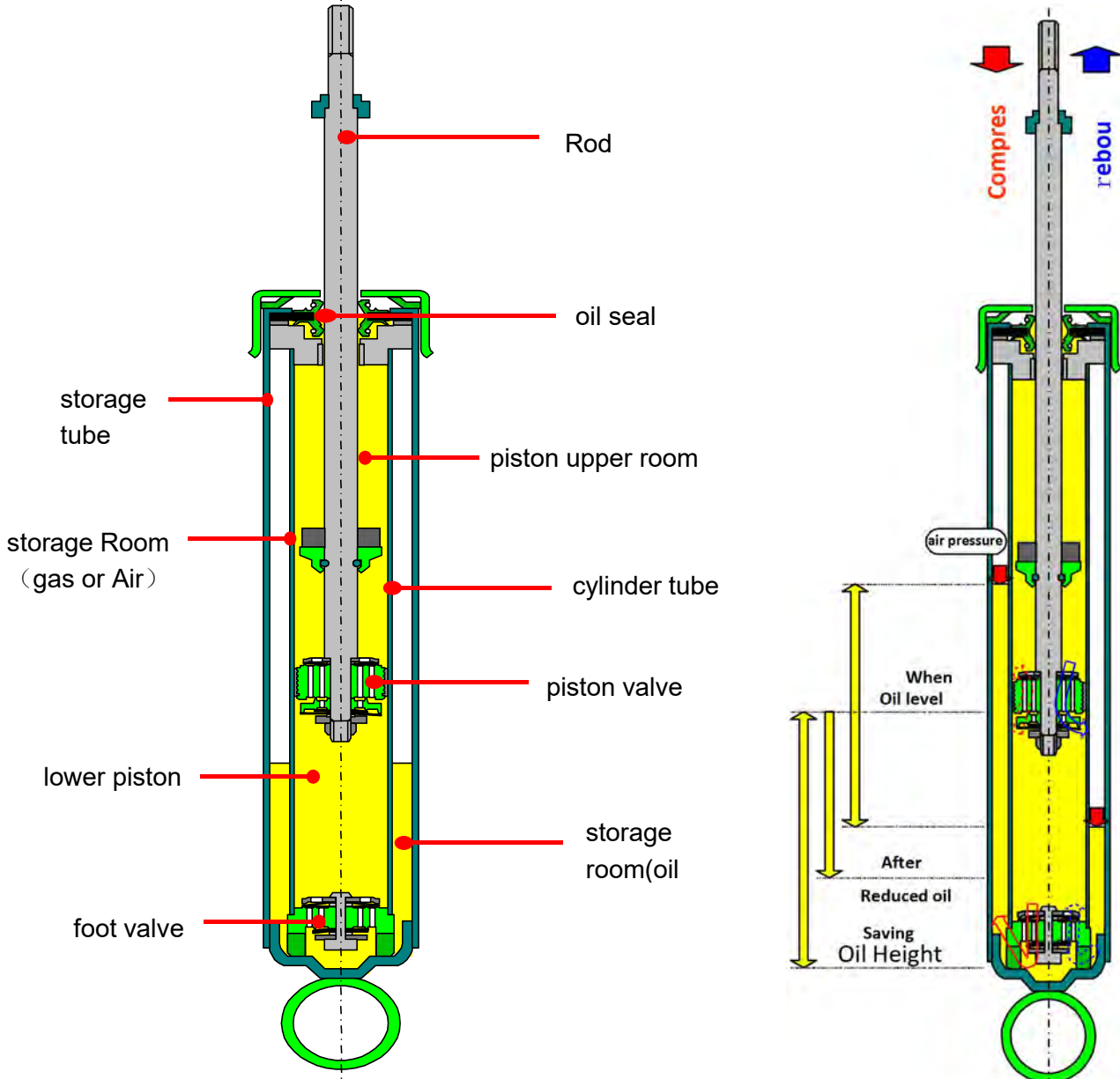
# Inductive Shock Absorber

## The structure of the shock absorber

The shock absorber consists of a piston valve and a foot valve that generate damping force, the cylinder body, and storage pipe that stores oil and gas (air), the connecting rod that transmits the movement of the vehicle body, and the oil seal that prevents leakage of internal gas or oil.

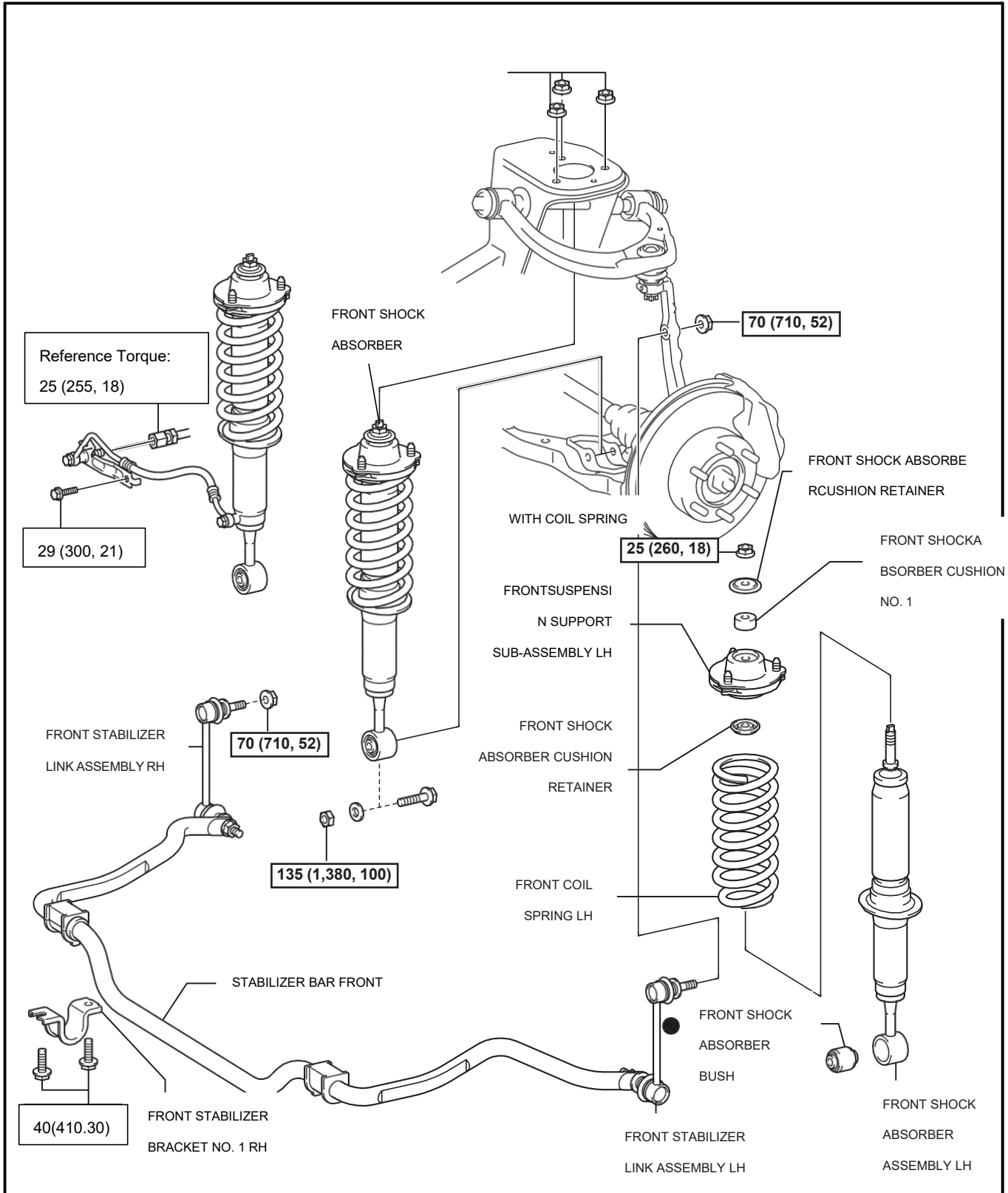
Based on the piston valve, the upper part is called the upper piston chamber, the lower part is called the lower piston chamber, the storage pipe, and the cylinder.

The space between the bodies is called the storage room. The upper and lower chambers of the piston are always filled with oil, the lower layer of the storage chamber is filled with oil, and the upper layer is filled with air or gas (nitrogen).



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## EOK&TOPASIA ABSORBER SUPPORT

### 1. One-stop sourcing solution for shock absorbers

EOK has a full range of products, including car shock absorbers, mini car shock absorbers, truck shock absorbers, modified car shock absorbers, suspension assemblies, CDC shock absorbers (inductance adjustable), air spring inductance shock absorbers assembly, shock absorber repair kit and other accessories are available for customers to choose.

### 2. Highly customized:

Highly customized products can be realized according to the customer's region, requirements, target customers, etc.

(1):In rainy and humid areas with more mountains, the impact resistance (durability) and corrosion resistance requirements of the product are higher than in other areas. Then EOK&TOPASIA® can do special coating treatment according to the needs of customers so that your shock absorber will still be as bright as new after long-term use.

(2):In some areas, the winter is particularly cold, even reaching minus 20-40 degrees Celsius, so the conventional shock absorber oil may freeze in winter (after a night outside in winter, the shock absorber will emit some abnormality when the vehicle is started in the morning. noise, which will seriously affect the customer experience). EOK&TOPASIA® can provide low-temperature resistant oil according to customer needs to avoid this situation (the oil is divided into 5w-20/5w-40 based on temperature considerations)

(3):Products can be customized according to the consumer's requirements, such as thickening the wall thickness of the shock absorber, thickening the shock absorber, heavier, spray color, and other special needs customized products.

### 3. Appearance

(1):The appearance of our products is paint treatment, the appearance is smooth, and the corrosion resistance effect is good.

(2):The welding bead is smooth and the welding strength is high. The appearance is almost free of large particles of welding slag.

Image 1: Painted Appearance



image 2: Appearance of the weld bead



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## 4.Performance

(1):EOK&TOPASIA® tests two-speed points on the damping force of the product, and other companies test almost one-speed points, thus ensuring the stability of the force value and the consistency of the original factory

(2) :EOK&TOPASIA® measures the inflation force value once during the production process, and measures it again before packaging to ensure that the product rebuttal force meets the technical specifications. (Appropriate rebuttal force can improve the stability of the damping force and reduce the noise of the shock absorber)

(3) :EOK&TOPASIA® will randomly select shock absorbers for a muddy water test and durability test to ensure the qualified rate of products.

(4) EOK&TOPASIA® uses HIRI's SV-3 oil, which has better comprehensive performance

(5)EOK&TOPASIA® uses RFX, and NOK oil seals can be selected according to your requirements.

common failures	symptoms	possible reasons	solutions
Oil-leakage	The body shakes for too long when crossing the pit	Oil seal damaged or failed due to expiration	Replace shock absorbers
Undamped or one-way undamped	The body shakes for too long when crossing the pit	Foot valve or piston damaged	Replace shock absorbers
Abnormal noise when crossing the undulating road		Mounting bolts not be fixed	Check the bolts
Piston rod eccentric wear	Oil-leakage	Excessive accumulation of sediment at the piston rod, or long service life, resulting in eccentric wear	Replace shock absorbers
The shock absorber is unable to be pressed down	The sudden obvious shock when crossing the pit	Shock oil failure due to expiration	Replace shock absorbers
The shock absorber bending		Shock absorber damaged due to large impact	Replace shock absorbers
The buffer block is aging (the powder will fall off in one wipe)		Aging of the buffer block	Replace the installation package
Steering noise	Abnormal noise when steering	Disassemble the assy to check if the bearing is damaged or not installed	Check the assembly

**When the car body is prohibited from moving, press the front or rear of the car, then let go, the car body will move up and down 3 times, and then keep it flat. Stable indicates that the damping of the shock absorber is effective.**

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MERCEDES-BENZ | LINCOLN | JEEP | DODGE | KIA | JAGUAR |

CADILLAC | AUDI | BMW | BUICK | LAND ROVER | PORSCHE | VW

NO.	CAR	TYPE	OEM	MODEL	POSITION
<b>MERCEDES-BENZ</b>					
1	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2053206000	W205	R
2	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2133202200	W213	R
3	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2533207600	W253	R
4	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2923261200	W292	R
5	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	2123231300	W212/218	FR
6	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	2123231400	W212/218	FL
7	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	2123231300	W218	FR
8	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	2123231400	W218	FL
9	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A1643206013	W164	F
10	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A1663230300	W166	F
11	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2223208113	W222	F
12	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2223207313	W222	R
13	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2213209313	W221	F
14	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	A2213205513	W221	R
15	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	463016100B 0053234200 0053230100	G-CLASS G SERIES(W463)	F
16	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	463016200B 0033261000 4603260400		R
17	Mercedes-Benz	INDUCTIVE SHOCK ABSORBER	1663200130 1663260500 1663200930 A1663200130 A1663260500 A1663200930	GL-CLASS GL SERIES( X166)	R
<b>LINCOLN</b>					
18	Lincoln	INDUCTIVE SHOCK ABSORBER	DM030202/3750052	MKZ	RR
19	Lincoln	INDUCTIVE SHOCK ABSORBER	DM030201/3750053	MKZ	RL
20	Lincoln	INDUCTIVE SHOCK ABSORBER	DM030102/4750286	MKZ	FR
21	Lincoln	INDUCTIVE SHOCK ABSORBER	DM030101/4750285	MKZ	FL
22	Lincoln	INDUCTIVE SHOCK ABSORBER	DE9318B062	MKT	RR
23	Lincoln	INDUCTIVE SHOCK ABSORBER	DE9318B063	MKT	RL
24	Lincoln	INDUCTIVE SHOCK ABSORBER	Dm020202	MKX	RR
25	Lincoln	INDUCTIVE SHOCK ABSORBER	Dm020201	MKX	RL
26	Lincoln	INDUCTIVE SHOCK ABSORBER	EJ7Z-18125E	MKC	RR
27	Lincoln	INDUCTIVE SHOCK ABSORBER	EJ7Z-18125G	MKC	RL
28	Lincoln	INDUCTIVE SHOCK ABSORBER	DE9318B060	MKT	FR
29	Lincoln	INDUCTIVE SHOCK ABSORBER	DE9318B061	MKT	FL
30	Lincoln	INDUCTIVE SHOCK ABSORBER	G3GC18B060	CONTINENTAL	FR
31	Lincoln	INDUCTIVE SHOCK ABSORBER	G3GC18B061	CONTINENTAL	FL
32	Lincoln	INDUCTIVE SHOCK ABSORBER	EJ7C-18B060	MKC	FR
33	Lincoln	INDUCTIVE SHOCK ABSORBER	EJ7C-18B061	MKC	FL
34	Lincoln	INDUCTIVE SHOCK ABSORBER	DM020102/4750284	MKX	FR
35	Lincoln	INDUCTIVE SHOCK ABSORBER	DM020101/4750283	MKX	FL
36	Lincoln	INDUCTIVE SHOCK ABSORBER	JL14-18B060	NAVIGATOR	F

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37	Lincoln	INDUCTIVE SHOCK ABSORBER	JL14-18B062	NAVIGATOR	RR
38	Lincoln	INDUCTIVE SHOCK ABSORBER	JL14-18B063	NAVIGATOR	RL
<b>JEEP</b>					
39	JEEP	INDUCTIVE SHOCK ABSORBER	O5181506AC	Grand Cherokee	FR
40	JEEP	INDUCTIVE SHOCK ABSORBER	O5181507AC	Grand Cherokee	FL
41	JEEP	INDUCTIVE SHOCK ABSORBER	O5181548AC	Grand Cherokee	RR
42	JEEP	INDUCTIVE SHOCK ABSORBER	O5181549AC	Grand Cherokee	RL
<b>DODGE</b>					
43	Dodge	INDUCTIVE SHOCK ABSORBER	05181908AB	SRT	RR
44	Dodge	INDUCTIVE SHOCK ABSORBER	05181907AB	SRT	RL
45	Dodge	INDUCTIVE SHOCK ABSORBER	05181905AB	SRT	FR
46	Dodge	INDUCTIVE SHOCK ABSORBER	05181906AB	SRT	FL
<b>KIA</b>					
47	Kia	INDUCTIVE SHOCK ABSORBER		CARNIVAL	RR
48	Kia	INDUCTIVE SHOCK ABSORBER		CARNIVAL	RL
<b>JAGUAR</b>					
49	Jaguar	INDUCTIVE SHOCK ABSORBER	11341H824W000Y	XJL F	F
<b>CADILLAC</b>					
50	Cadillac	INDUCTIVE SHOCK ABSORBER	23151123 23312167 23464589 84061228 84176631  84977478	ESCALADE	F
51	Cadillac	INDUCTIVE SHOCK ABSORBER	23151122 23267007  23290661 84176675	ESCALADE	R
52	Cadillac	INDUCTIVE SHOCK ABSORBER	19353945 25845438  25888683 15918522  15911938 15886465  25888675 15909491	ESCALADE	F
53	Cadillac	INDUCTIVE SHOCK ABSORBER		CTS	F
54	Cadillac	INDUCTIVE SHOCK ABSORBER		CTS	R
55	Cadillac	INDUCTIVE SHOCK ABSORBER	84235048	C7	F
56	Cadillac	INDUCTIVE SHOCK ABSORBER	22248107	C5	F
57	Cadillac	INDUCTIVE SHOCK ABSORBER	22248105	C5	R
58	Cadillac	INDUCTIVE SHOCK ABSORBER	19302786 22487280	ESCALADE	R
59	Cadillac	INDUCTIVE SHOCK ABSORBER	22793800	SRX	F/R
60	Cadillac	INDUCTIVE SHOCK ABSORBER	22793799		F/L
61	Cadillac	INDUCTIVE SHOCK ABSORBER	25857108 25857109		R
62	Cadillac	INDUCTIVE SHOCK ABSORBER	23247469	ATS	F/R
63	Cadillac	INDUCTIVE SHOCK ABSORBER	23247470		F/L
64	Cadillac	INDUCTIVE SHOCK ABSORBER	84230454		R/R
65	Cadillac	INDUCTIVE SHOCK ABSORBER	84230453		R/L
66	Cadillac	INDUCTIVE SHOCK ABSORBER	23220501	XTS	F
67	Cadillac	INDUCTIVE SHOCK ABSORBER	23457037		R/R

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68	Cadillac	INDUCTIVE SHOCK ABSORBER	23457036		R/L
<b>AUDI</b>					
69	Audi	INDUCTIVE SHOCK ABSORBER	420512020AM 420512020S 4S0412019N	R8	R
70	Audi	INDUCTIVE SHOCK ABSORBER	60-SH-0009	R8	F
71	Audi	INDUCTIVE SHOCK ABSORBER	4F0616032N	C6 (4F)	R/R
72	Audi	INDUCTIVE SHOCK ABSORBER	4F0616031N 4F0616031M	C6 (4F)	R/L
73	Audi	INDUCTIVE SHOCK ABSORBER	4G0616031AC	C7 (4G)	R
74	Audi	INDUCTIVE SHOCK ABSORBER	8R0413030J 8R0413030L	Q5	F/R
75	Audi	INDUCTIVE SHOCK ABSORBER	8R0413029L 8R0413029J	Q5	F/L
76	Audi	INDUCTIVE SHOCK ABSORBER	8R0513026J 8R0513026G 8K0513026J	Q5	R/R
77	Audi	INDUCTIVE SHOCK ABSORBER	8R0513025G 8R0513025J 8K0513025J	Q5	R/L
<b>BMW</b>					
78	BMW	INDUCTIVE SHOCK ABSORBER	37106879656	X1(F48)	F/R
79	BMW	INDUCTIVE SHOCK ABSORBER	37106879655		F/L
80	BMW	INDUCTIVE SHOCK ABSORBER	37106887789		R
81	BMW	INDUCTIVE SHOCK ABSORBER	37116797026	X3(F25)	F/R
82	BMW	INDUCTIVE SHOCK ABSORBER	37116797025		F/L
83	BMW	INDUCTIVE SHOCK ABSORBER	37126799911		R
84	BMW	INDUCTIVE SHOCK ABSORBER	37106877554	G38	FR
85	BMW	INDUCTIVE SHOCK ABSORBER	37106885857	G38	FL
86	BMW	INDUCTIVE SHOCK ABSORBER	37116875084 37116863174	X5/X6(F15,F85, F16,F86)	F/R
87	BMW	INDUCTIVE SHOCK ABSORBER	37116875083 37116863173		F/L
88	BMW	INDUCTIVE SHOCK ABSORBER	37106875088 37106867868 37126863176		R/R
89	BMW	INDUCTIVE SHOCK ABSORBER	37106875087 37106867867 37126863175		R/L
90	BMW	INDUCTIVE SHOCK ABSORBER	37106895066 37106895068		Z4
91	BMW	INDUCTIVE SHOCK ABSORBER	37106895065 37106895067	F/L	
92	BMW	INDUCTIVE SHOCK ABSORBER	37106895295	R	
<b>BUICK</b>					
93	Buick	INDUCTIVE SHOCK ABSORBER	84447273 23365289 84210228	LACROSSE	F/R
94	Buick	INDUCTIVE SHOCK ABSORBER	84447272 23365288 84210227		F/L
95	Buick	INDUCTIVE SHOCK ABSORBER	84384344 23365352 23417078 84276646 84375329 84178420		R/R

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96	Buick	INDUCTIVE SHOCK ABSORBER	84384343 23365351 23417077 84276645 84375330 84178421		R/L
97	Buick	INDUCTIVE SHOCK ABSORBER	13319742 314801719 562400005429	REGAL BASE GS PREMIUM CXL	F/R
98	Buick	INDUCTIVE SHOCK ABSORBER	562400005428 314801718 13319741		F/L
99	Buick	INDUCTIVE SHOCK ABSORBER	442400005228 315000330 13319749		R/R
100	Buick	INDUCTIVE SHOCK ABSORBER	442400005229 315000331 13319750		R/L
101	Buick	INDUCTIVE SHOCK ABSORBER	23308920 13397891	ENVISION	F/R
102	Buick	INDUCTIVE SHOCK ABSORBER	23308919 13397890		F/L
103	Buick	INDUCTIVE SHOCK ABSORBER	13397882		R/R
104	Buick	INDUCTIVE SHOCK ABSORBER	13397883		R/L
<b>LAND ROVER</b>					
105	Land Rover	INDUCTIVE SHOCK ABSORBER	LR056268 LR057931 LR024444 LR051483	RANGE ROVER EVOQUE	F/R
106	Land Rover	INDUCTIVE SHOCK ABSORBER	LR056266 LR070932 LR024437 LR051481 LR057930		F/L
107	Land Rover	INDUCTIVE SHOCK ABSORBER	LR056269 LR079421 LR024447 LR044687 LR051497 LR063741		R/R

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108	Land Rover	INDUCTIVE SHOCK ABSORBER	LR056267 LR079420 LR024440 LR044682 LR051491 LR063740		R/L
109	Land Rover	INDUCTIVE SHOCK ABSORBER	LR056926	Land RoverL405F(14-21) /L	FL
110	Land Rover	INDUCTIVE SHOCK ABSORBER	LR056924	Land RoverL405F(14-21) /R	FR
<b>PORSCHE</b>					
111	Porsche	INDUCTIVE SHOCK ABSORBER	99734304810 99734304814 99734304815 99734304816 99734304821 99734304822 99734304823 99734304824 99734304835 99734305203	CARRERA 911 (997) 4WD	F/R
112	Porsche	INDUCTIVE SHOCK ABSORBER	99734304710 99734304714 99734304715 99734304716 99734304721 99734304722		F/L
113	Porsche	INDUCTIVE SHOCK ABSORBER	99733304910 99733305331 99733304903 99733305320 99733305322 99733305324 99733305325 99733305330		R
114	Porsche	INDUCTIVE SHOCK ABSORBER	97034305134	PANAMERA	FL
115	Porsche	INDUCTIVE SHOCK ABSORBER	97034305234	PANAMERA	FR
116	Porsche	INDUCTIVE SHOCK ABSORBER	97033304511	PANAMERA	R
<b>VW</b>					
117	VW	INDUCTIVE SHOCK ABSORBER	3Q0413031BB 3Q0413031BE 3Q0413032 5Q0413031FK 5Q0413031FL 5Q0413032 5Q041331HN 5QF413032A	GOLF VII	F
118	VW	INDUCTIVE SHOCK ABSORBER	5Q0512009BH 5Q0512009BD 5Q0513045AN 5Q0513045BD 5QA512009C 5QF512009Q 5QF513045M 5QF513045N		R
119	VW	INDUCTIVE SHOCK ABSORBER	3Q0413031BB 3Q0413031BE 3Q0413032 5Q0413031FK 5Q0413031FL 5Q0413032 5Q041331HN 5QF413032A	SCIROCCO	F
120	VW	INDUCTIVE SHOCK ABSORBER	5Q0512009BH 5Q0512009BD 5Q0513045AN 5Q0513045BD 5QA512009C 5QF512009Q 5QF513045M 5QF513045N		R

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