



## USER'S CATALOGUE 2016

**MADRAS ENGINEERING INDUSTRIES  
PRIVATE LIMITED**





## MADRAS ENGINEERING INDUSTRIES PRIVATE LIMITED CHENNAI, INDIA

Madras Engineering Industries Private Limited (MEI) with a market standing of five decades had pioneered the indigenous development of Self Setting Automatic Slack Adjusters for the Global and Indian markets. MEI's Automatic Slack Adjusters are exported to Western Europe, North America, South Africa, Australia, China and Russia.

Customer profile includes Major OEMs like KAMAZ - Russia, Arvin Meritor, Europe / USA, Gigant, SAF, Scania, Volvo, Knorr Bremze in Europe and Tata Daewoo in Korea.

MEI Self Setting Automatic Slack Adjusters are widely used in all the commercial vehicles since April 2007, manufactured in India with over 80 % market share. MEI's Slack Adjusters are fitted as OE on all the vehicles of TATA Motors, Ashok Leyland, Bharat Benz, AMW, Volvo Eicher , SML Isuzu, Mahindra Trucks in India.

Self Setting Automatic Slack Adjusters (SASA) are designed and developed in-house and patented.

MEI has its own State-of-the-art Research & Development facility at Maraimalai Nagar, Chennai and it is accredited by the Government of India.

Globally, MEI is the second largest manufacturer of Automatic Slack Adjusters.

MEI has also developed indigenised design of Clutch Boosters for all Commercial Vehicle applications.

Green field foundry with state-of-the-art technology unit with planned capacity of 1000 MT/month with high pressure flawless vertically parted green sand moulding with modern machines.

- ✧ **ISO / TS-16949-2002** Quality Certification for systems and procedures by TUV, Germany.
- ✧ **ISO - 14001** for Environment
- ✧ **ASA-Type approval by Link Laboratories, USA**
- ✧ **ASA and SASA - Type approval for ECE-R13 norms tested and approved by TUV, Germany.**



## USER'S CATALOGUE - 2016

### SELF SETTING AUTOMATIC SLACK ADJUSTERS (SASA)

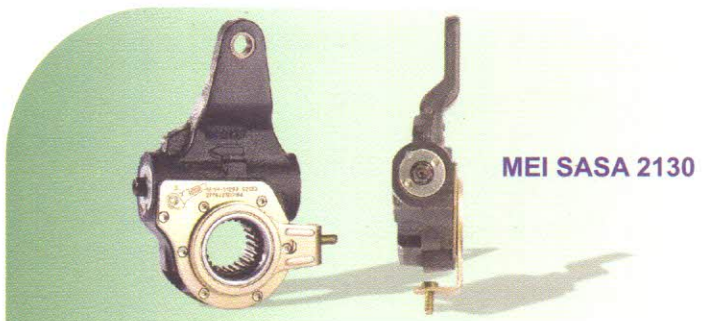
CONTENTS		
		PAGE NO.
1.	TATA MOTORS LIMITED	3-12
2.	ASHOK LEYLAND LIMITED	13-17
3.	DAIMLER	18
4.	VOLVO EICHER	19-20
5.	MAHINDRA TRUCKS AND BUSES LIMITED	21-22
6.	SWARAJ MAZDA	23
7.	ASIA MOTORS WORKS	24-25
8.	CROSS REFERENCE	26-27
10.	VEHICLE MODEL-WISE SASA	28-31
11.	SALES & SERVICE NETWORK	32



# TATA SELF SETTING AUTOMATIC SLACK ADJUSTER

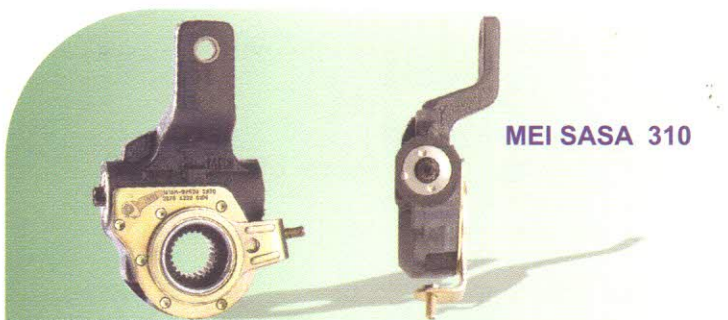
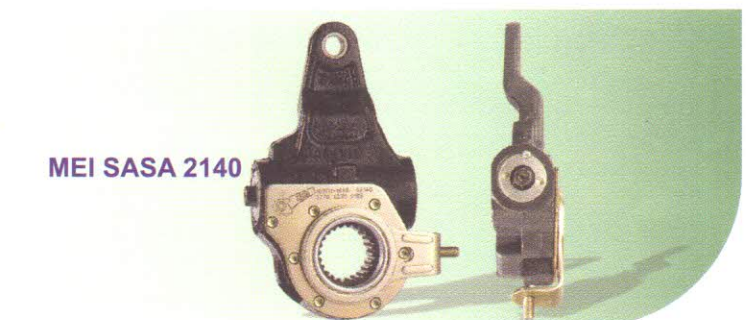


MEI OE Part No.	277842300182
Lever Length in mm	140
Type of casting	straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	277842300184
Lever Length in mm	140
Type of casting	16mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	277842300183
Lever Length in mm	140
Type of casting	16mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	277042300104
Lever Length in mm	140
Type of casting	43mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	277042300105
Lever Length in mm	140
Type of casting	43mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



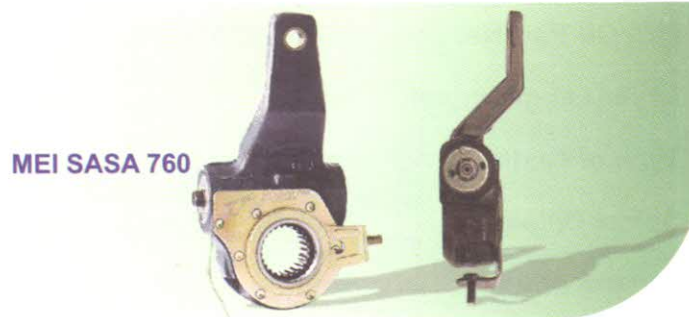


**TATA SELF SETTING AUTOMATIC SLACK ADJUSTER**

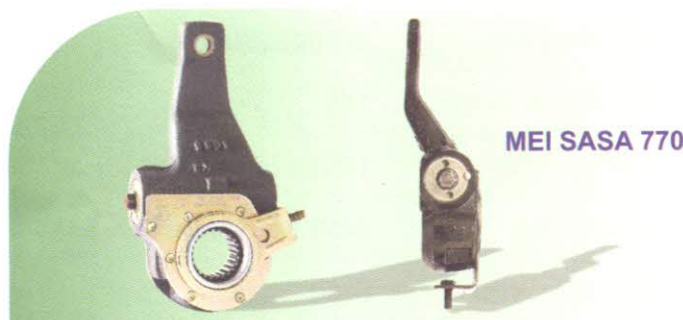


MEI OE Part No.	289242300106
Lever Length in mm	160
Type of casting	straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	288042300122
Lever Length in mm	160
Type of casting	38mm offset
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



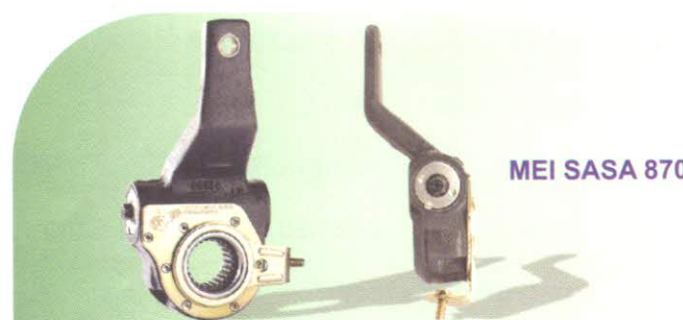
MEI OE Part No.	288042300123
Lever Length in mm	160
Type of casting	38mm offset
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



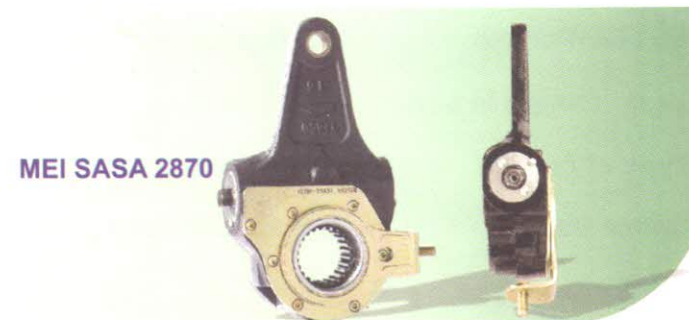
MEI OE Part No.	288042300124
Lever Length in mm	160
Type of casting	60mm offset
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



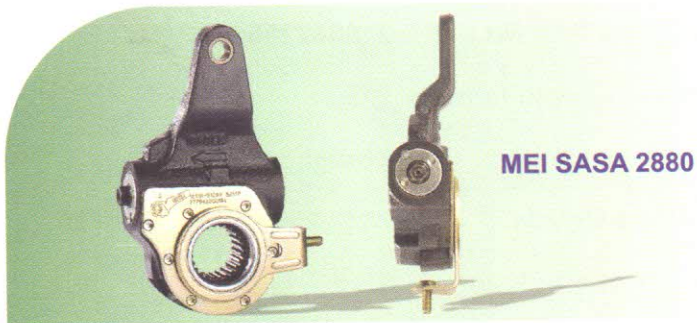
MEI OE Part No.	288042300125
Lever Length in mm	160
Type of casting	60mm offset
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	264142110199
Lever Length in mm	140
Type of casting	straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud

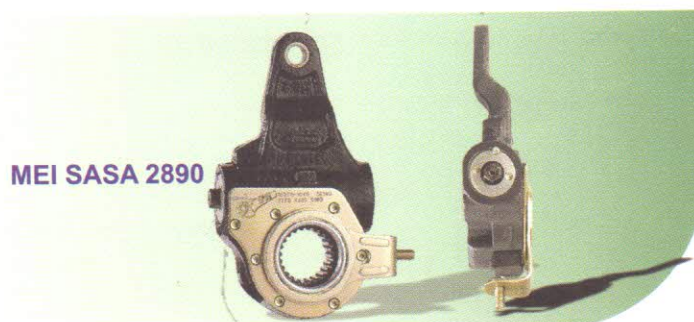




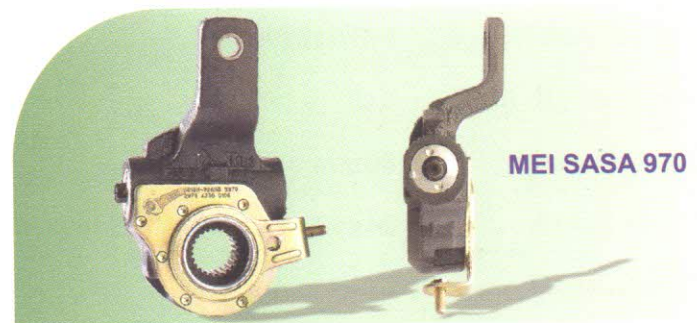
**TATA SELF SETTING AUTOMATIC SLACK ADJUSTER**


MEI OE Part No.	264142310165
Lever Length in mm	140
Type of casting	16mm offset- RH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud

MEI OE Part No.	264142310166
Lever Length in mm	140
Type of casting	16mm offset- LH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



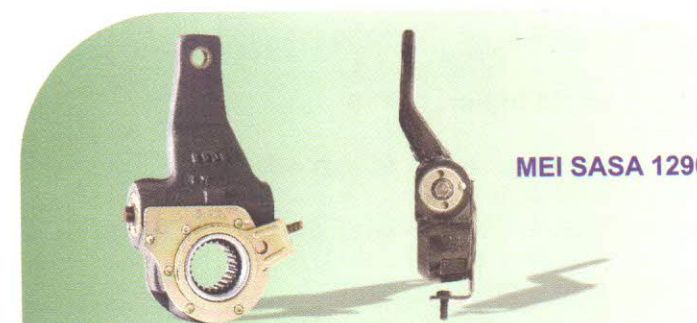
MEI OE Part No.	287642300106
Lever Length in mm	140
Type of casting	43mm offset- RH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



MEI OE Part No.	287642300107
Lever Length in mm	140
Type of casting	43mm offset- LH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



MEI OE Part No.	286742100174
Lever Length in mm	140
Type of casting	38mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

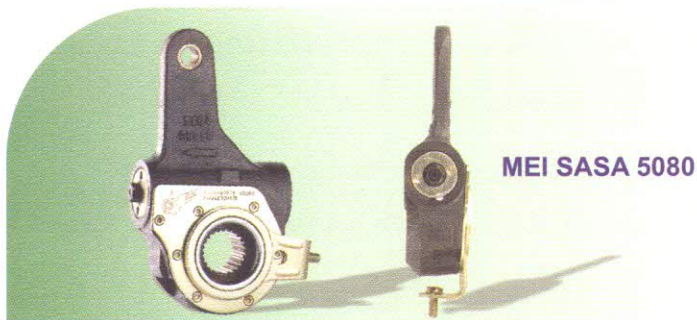


MEI OE Part No.	286742100173
Lever Length in mm	140
Type of casting	38mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud





**TATA SELF SETTING AUTOMATIC SLACK ADJUSTER**



MEI OE Part No.	501442300109
Lever Length in mm	140
Type of casting	60mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

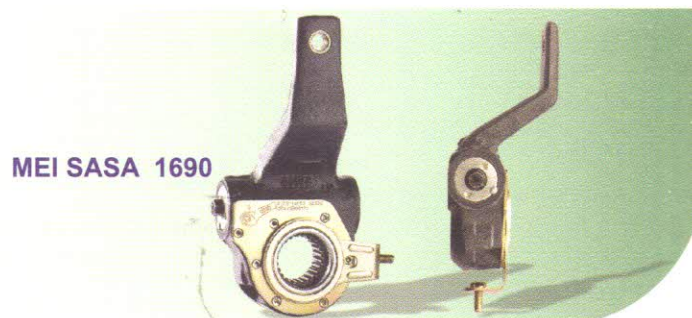


MEI OE Part No.	280942300206
Lever Length in mm	140
Type of casting	60mm offset-Crank40Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	500642300122
Lever Length in mm	170
Type of casting	60mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	219042300105
Lever Length in mm	140
Type of casting	Straight-Crank 30Deg
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



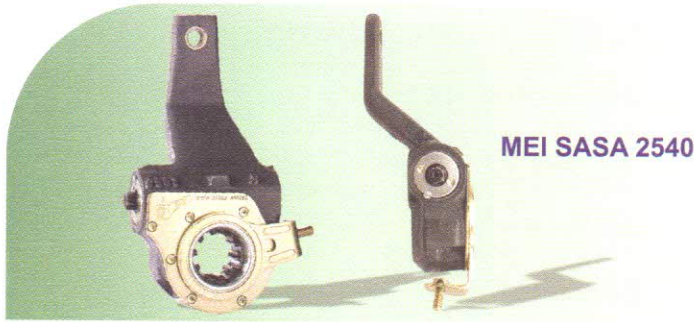
MEI OE Part No.	501442300115
Lever Length in mm	140
Type of casting	60mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	280942300208
Lever Length in mm	140
Type of casting	60mm offset-Crank40Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

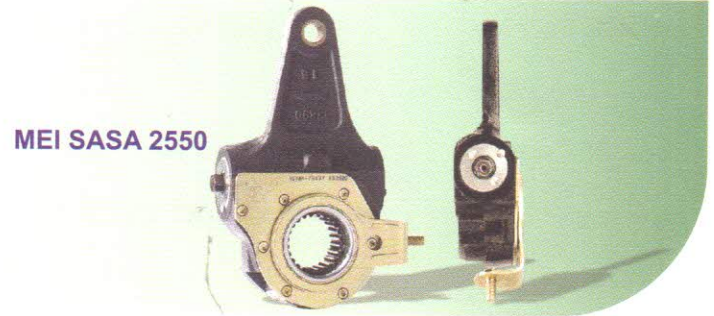




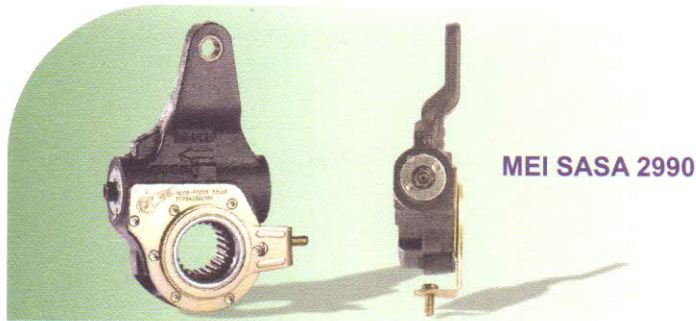


MEI OE Part No.	500642100121
Lever Length in mm	150
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

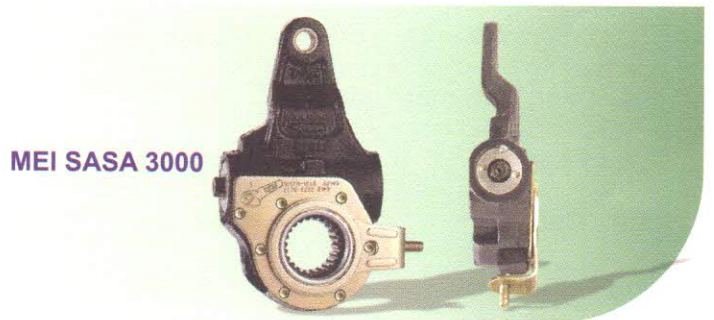
MEI OE Part No.	500642300121
Lever Length in mm	170
Type of casting	60mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



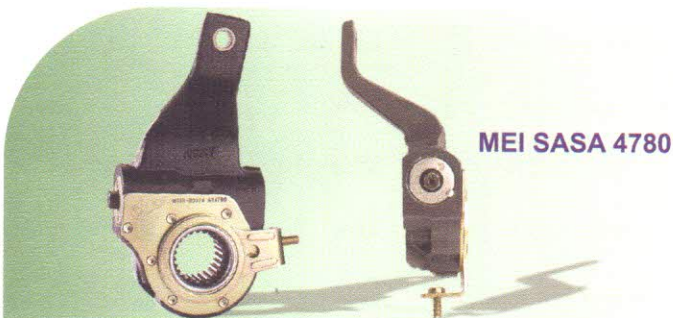
MEI OE Part No.	275242100108
Lever Length in mm	150
Type of casting	16mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



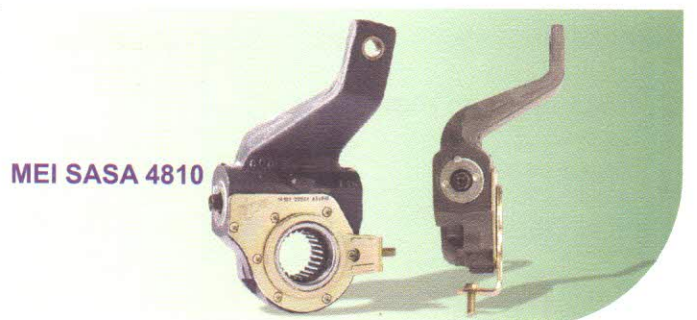
MEI OE Part No.	275242100114
Lever Length in mm	150
Type of casting	16mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	287942300191
Lever Length in mm	160
Type of casting	76-mm offset- LH Crank30Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

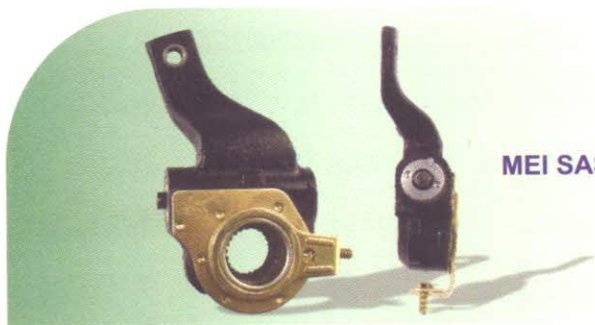


MEI OE Part No.	287942300192
Lever Length in mm	160
Type of casting	76mm offset -RH-Crank30Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud





**TATA SELF SETTING AUTOMATIC SLACK ADJUSTER**

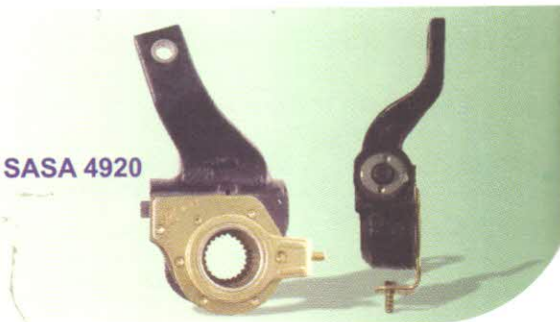


**MEI SASA 4910**

MEI OE Part No.	504342100115
Lever Length in mm	160
Type of casting	38mm offset- LH-Crank50Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

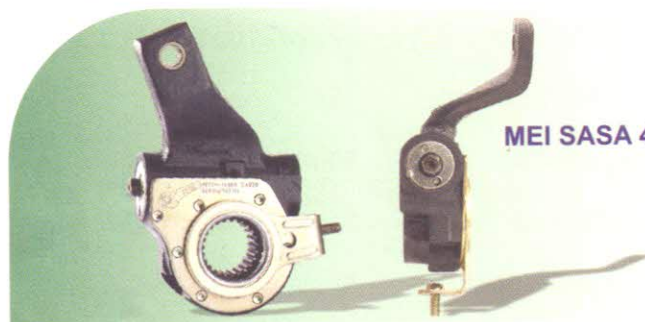
MEI OE Part No.	504342100114
Lever Length in mm	160
Type of casting	38mm offset- RH-Crank50Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

**MEI SASA 4920**



MEI OE Part No.	504142300103
Lever Length in mm	140
Type of casting	60mm offset- LH-Crank55Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

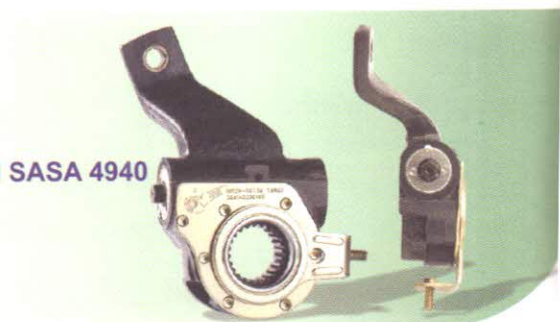
**MEI SASA 4930**



MEI OE Part No.	504142300104
Lever Length in mm	140
Type of casting	60mm offset- RH-Crank 55Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

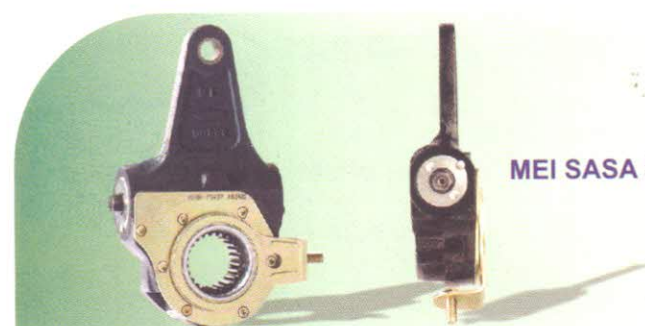
MEI OE Part No.	504142300103
Lever Length in mm	140
Type of casting	60mm offset- LH-Crank55Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

**MEI SASA 4940**



MEI OE Part No.	277642300231
Lever Length in mm	140
Type of casting	43mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

**MEI SASA 3620**



MEI OE Part No.	277842300190
Lever Length in mm	140
Type of casting	straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	277642300231
Lever Length in mm	140
Type of casting	43mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

**MEI SASA 5230**



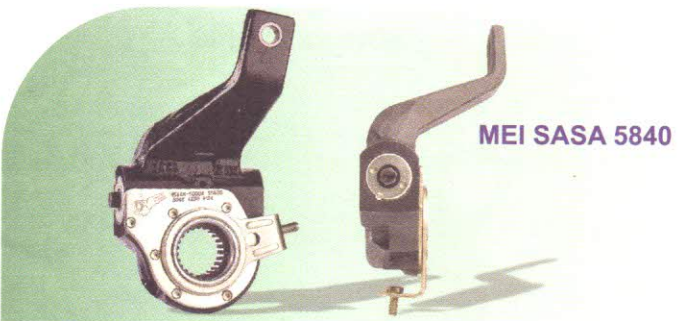


**TATA SELF SETTING AUTOMATIC SLACK ADJUSTER**



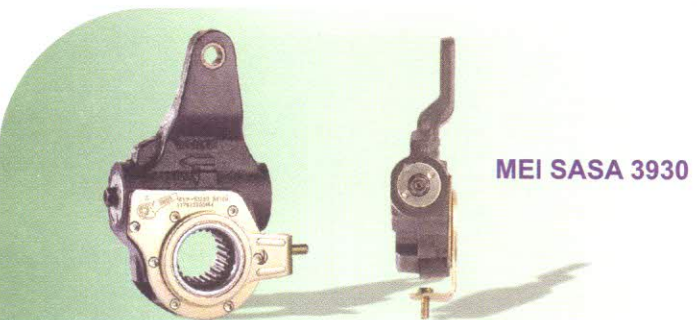
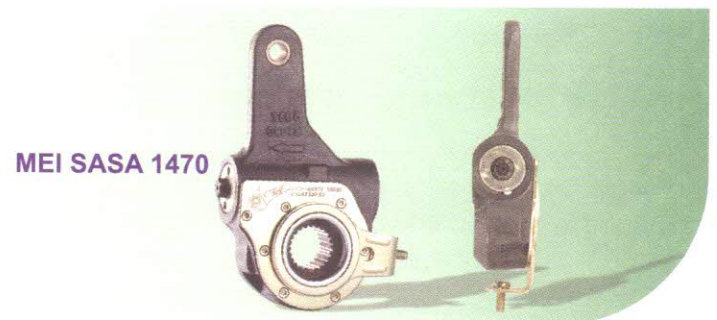
MEI OE Part No.	277642300230
Lever Length in mm	140
Type of casting	43mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	504242300124
Lever Length in mm	160
Type of casting	90-mm offset-LH Crank 30 Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



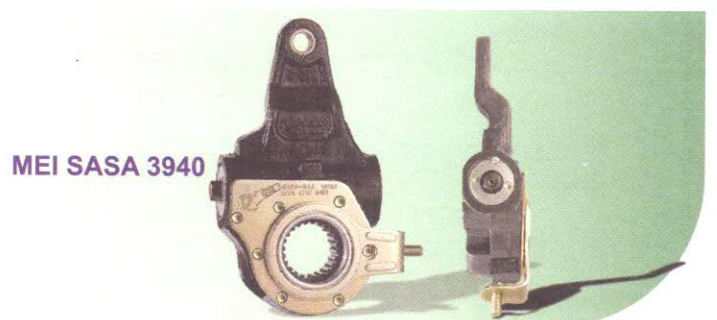
MEI OE Part No.	504242300123
Lever Length in mm	160
Type of casting	90mm offset -RH Crank 30 Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	2778 4230 0177
Lever Length in mm	140
Type of casting	Straight-30mm Crank
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI OE Part No.	5024 4210 0126
Lever Length in mm	160
Type of casting	16mm offset- RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	5024 4210 0127
Lever Length in mm	160
Type of casting	16mm offset- LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



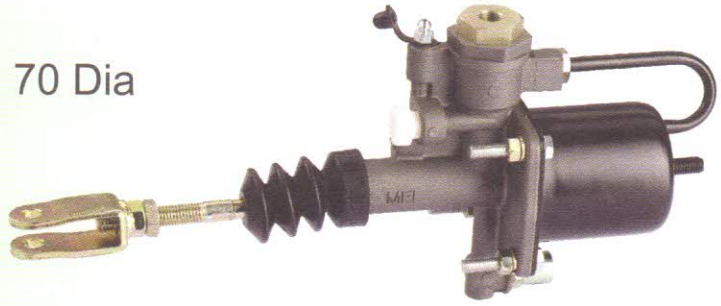






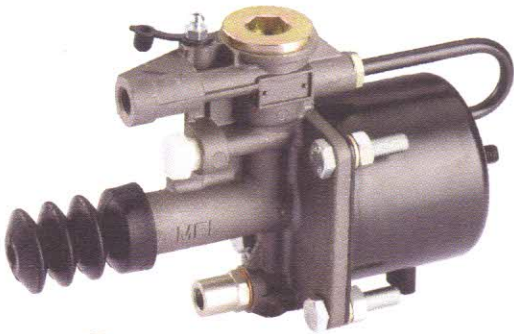
# CLUTCH BOOSTER

70 Dia



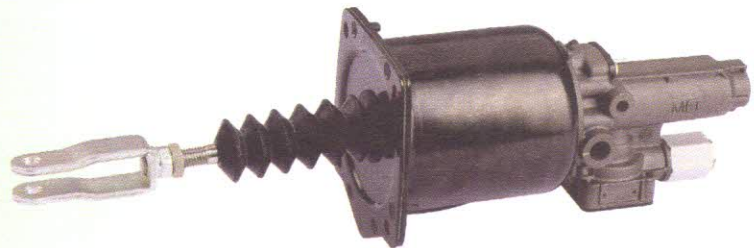
MEI Part No.	TML Part No.	Remarks
MEI 300120	2642 2910 0150	LP709, 909 - MFIP Vehicles, without Push Rod
✓ MEI 300130	5027 2910 0120	For after market - With 174 mm Push Rod
✓ MEI 300350	5027 2930 0101	For LPK 1613 cabin type with 180 mm Push Rod
✓ MEI 300380	5027 2930 0102	For LPT 1613 cowl type with 170 mm Push Rod

90 Dia



MEI Part No.	TML Part No.	Remarks
MEI 300150	2821 2910 0101	For all LCV / ICV range of vehicles

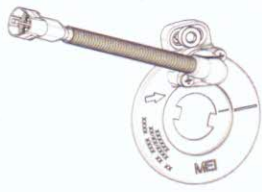


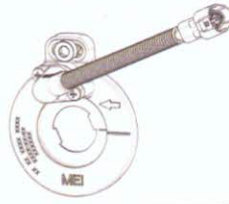
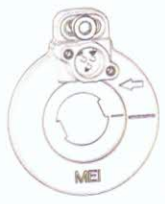



102 Dia



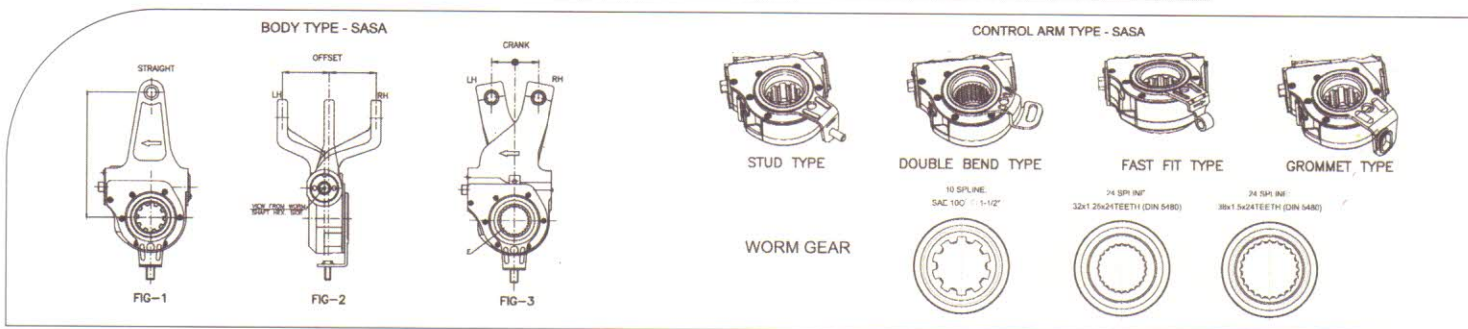
MEI Part No.	TML Part No.	Remarks
MEI 300250	5030 2930 0102	For HCV Models - With VOSS Connection fork type
MEI 300360	5039 2930 0109	For HCV Models - Ball end type BS4 with Integrated Clutch



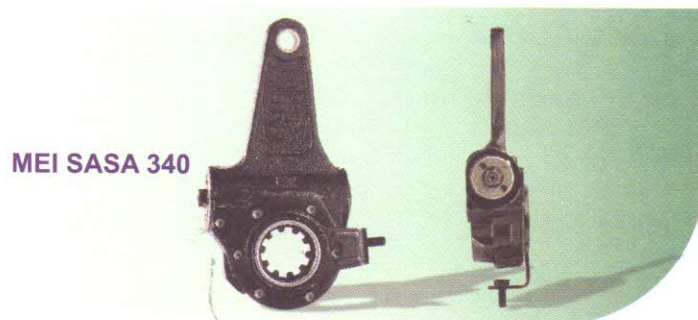
## BRAKE LINING WEAR SENSOR FOR TATA MOTORS APPLICATIONS

Sketch	MEI Part No	TML Part No	Description	List Price	M R P
	500180 Assembly of 500020 and 500060	2778 4230 0197	Wear Sensor with Cable Assembly - Complete - Clock Wise	1387.50	1942.50
	500020	2778 4230 0188	Wear Sensor Assembly - Clock Wise	882.50	1235.50
	500060	4101 5460 0121	Cable Assembly - Clock Wise	497.50	696.50
	500190 Assembly of 500030 and 500210	2778 4230 0198	Wear Sensor with Cable Assembly - Complete -Counter Clock Wise	1387.50	1942.50
	500030	2778 4230 0189	Wear Sensor Assembly - Counter Clock Wise	882.50	1235.50
	500210	4101 5460 0122	Cable Assembly - Counter Clock Wise	497.50	696.50
	500040	4101 5430 4901	Display Unit Assembly - 2 Wheel Sensing	867.50	1214.50
	500050	4101 5430 4902	Display Unit Assembly - 4 Wheel Sensing	867.50	1214.50



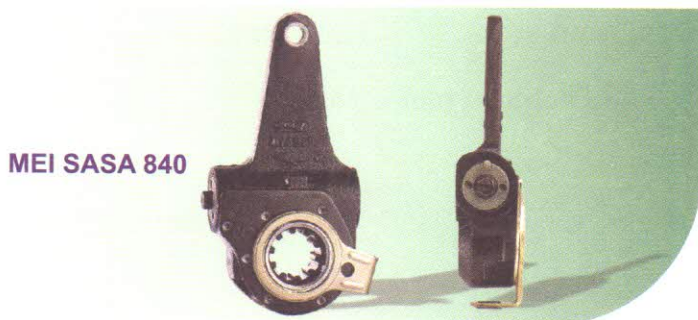


<b>MEI OE Part No.</b>	<b>F8377800</b>
<b>Lever Length in mm</b>	<b>160</b>
<b>Type of casting</b>	<b>Straight</b>
<b>Spline Details</b>	<b>10 Spline SAE 1.5 *</b>
<b>Control arm type</b>	<b>Stud</b>



<b>MEI OE Part No.</b>	<b>F8828600</b>
<b>Lever Length in mm</b>	<b>140</b>
<b>Type of casting</b>	<b>Straight</b>
<b>Spline Details</b>	<b>24x1.25x32mm DIN 5480</b>
<b>Control arm type</b>	<b>Bolt &amp; Nut</b>

<b>MEI OE Part No.</b>	<b>F8850600</b>
<b>Lever Length in mm</b>	<b>160</b>
<b>Type of casting</b>	<b>Straight</b>
<b>Spline Details</b>	<b>10 Spline SAE 1.5 *</b>
<b>Control arm type</b>	<b>Grommet</b>



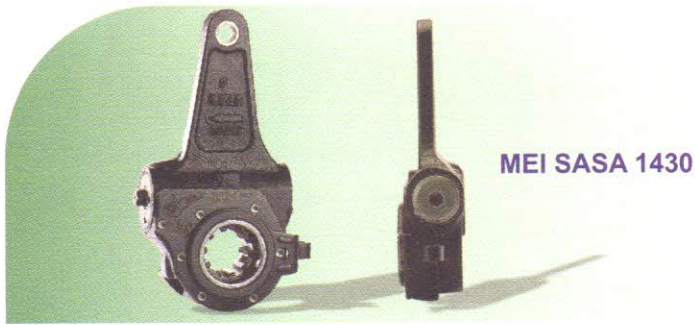
<b>MEI OE Part No.</b>	<b>F8899800</b>
<b>Lever Length in mm</b>	<b>140</b>
<b>Type of casting</b>	<b>70mm offset-LH</b>
<b>Spline Details</b>	<b>24x1.25x32mm DIN 5480</b>
<b>Control arm type</b>	<b>Stud</b>

<b>MEI OE Part No.</b>	<b>F8899700</b>
<b>Lever Length in mm</b>	<b>140</b>
<b>Type of casting</b>	<b>70mm offset-RH</b>
<b>Spline Details</b>	<b>24x1.25x32mm DIN 5480</b>
<b>Control arm type</b>	<b>Stud</b>



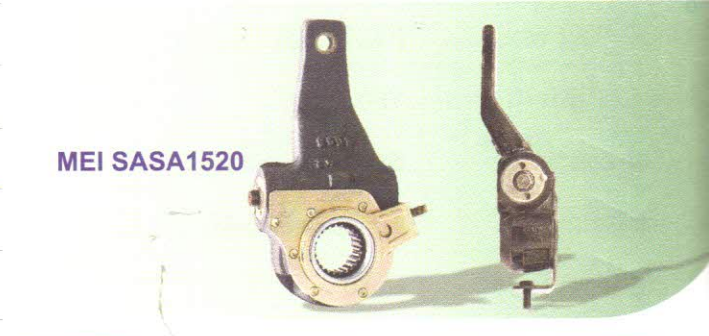


**ASHOK LEYLAND SELF SETTING AUTOMATIC SLACK ADJUSTER**

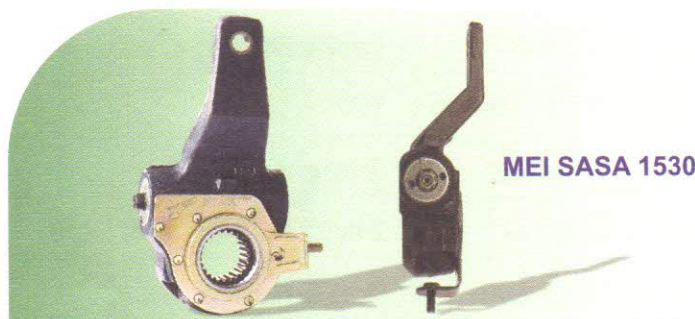


MEI OE Part No.	X8802600
Lever Length in mm	160
Type of casting	Straight
Spline Details	10 Spline SAE 1.5 *
Control arm type	Fast Fit

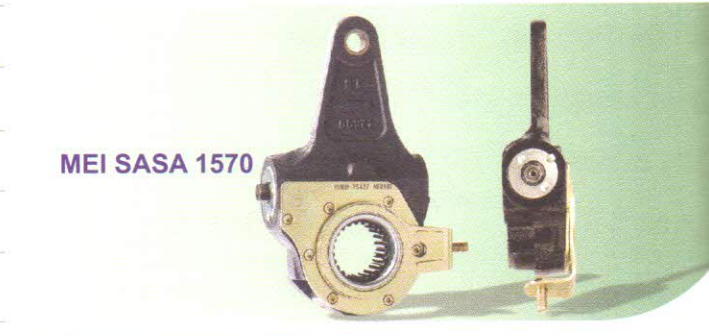
MEI OE Part No.	X8821600
Lever Length in mm	160
Type of casting	28.5mm offset-LH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



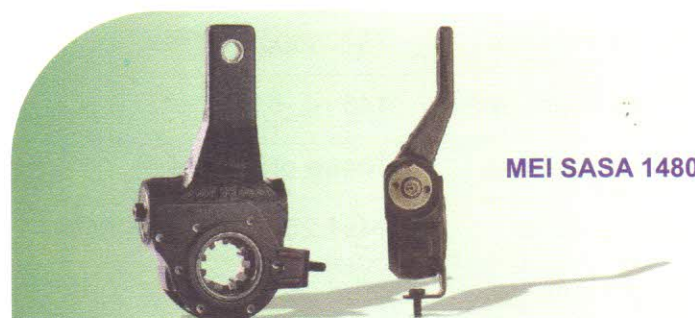
MEI OE Part No.	X8821500
Lever Length in mm	160
Type of casting	28.5mm offset-RH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



MEI OE Part No.	X8824100
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Fast Fit



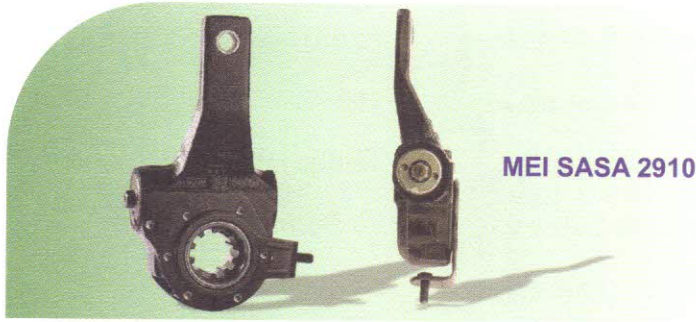
MEI OE Part No.	X8823400
Lever Length in mm	160
Type of casting	38mm offset-RH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



MEI OE Part No.	X8823300
Lever Length in mm	160
Type of casting	38mm offset-LH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud

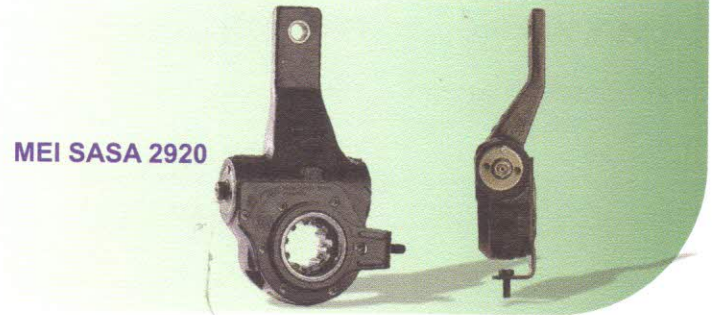




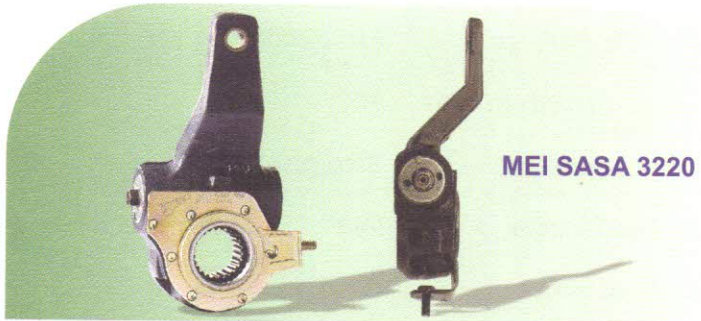

**MEI SASA 2910**

MEI OE Part No.	FP600500
Lever Length in mm	160
Type of casting	28.5mm offset-RH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud

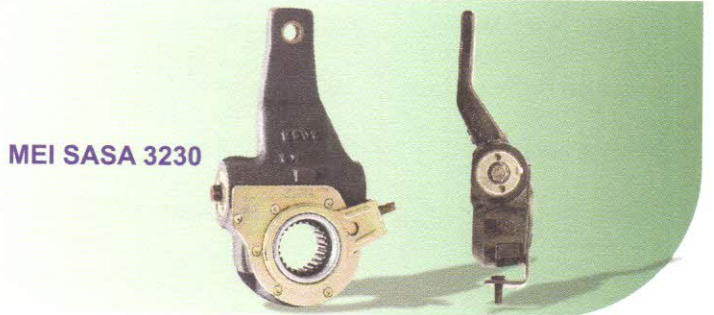
MEI OE Part No.	FP600600
Lever Length in mm	160
Type of casting	28.5mm offset-LH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud


**MEI SASA 2920**

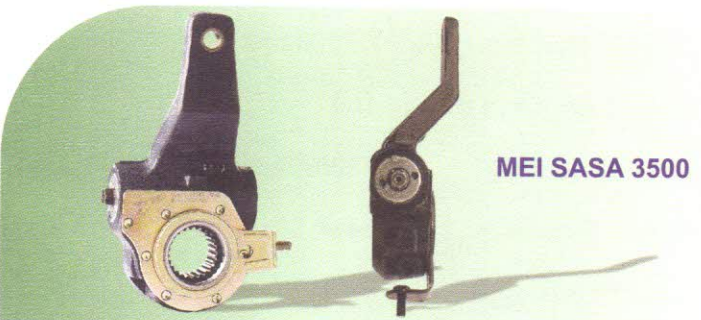
MEI OE Part No.	FP601000
Lever Length in mm	140
Type of casting	28.5mm offset-RH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud


**MEI SASA 3220**

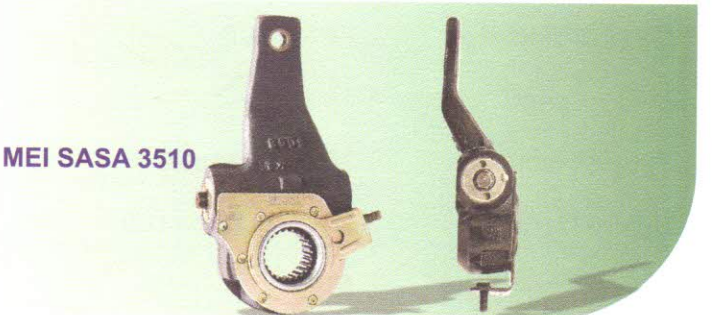
MEI OE Part No.	FP600900
Lever Length in mm	140
Type of casting	28.5mm offset-LH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud


**MEI SASA 3230**

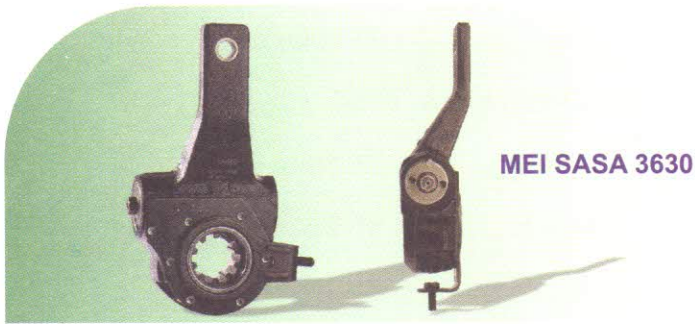
MEI OE Part No.	FP601900
Lever Length in mm	160
Type of casting	38mm offset-RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud


**MEI SASA 3500**

MEI OE Part No.	FP601800
Lever Length in mm	160
Type of casting	38mm offset-LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

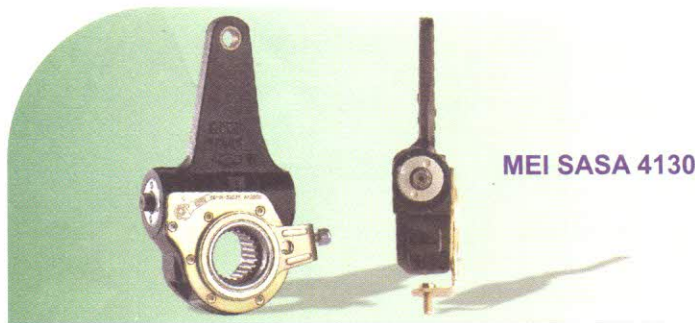

**MEI SASA 3510**



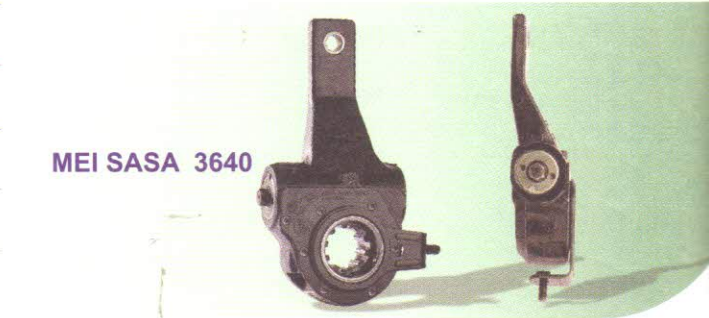


MEI OE Part No.	FP602200
Lever Length in mm	160
Type of casting	16mm offset-LH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud

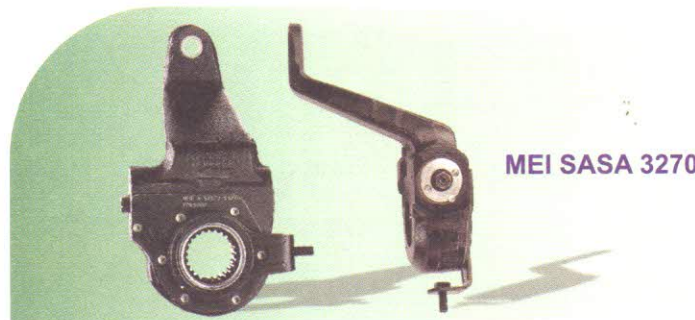
MEI OE Part No.	FP602300
Lever Length in mm	160
Type of casting	16mm offset-RH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



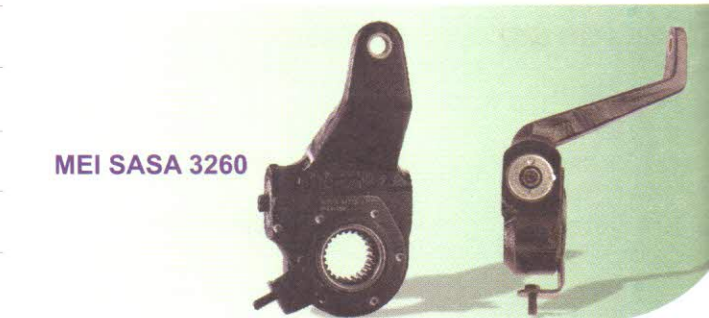
MEI OE Part No.	FP601200
Lever Length in mm	160
Type of casting	120mm offset
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



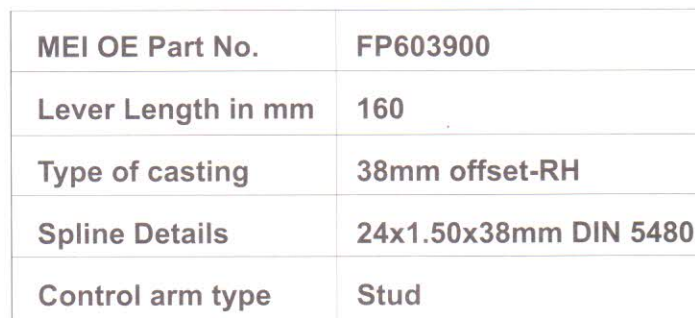
MEI OE Part No.	FP602400
Lever Length in mm	160
Type of casting	Straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



MEI OE Part No.	FP603900
Lever Length in mm	160
Type of casting	38mm offset-RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

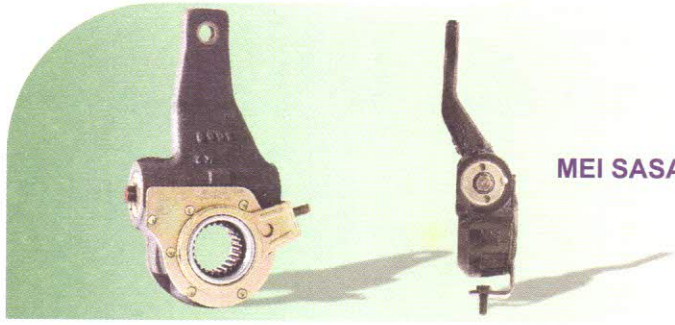


MEI OE Part No.	FP601100
Lever Length in mm	160
Type of casting	120mm offset
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud





**ASHOK LEYLAND SELF SETTING AUTOMATIC SLACK ADJUSTER**



**MEI Sasa 5440**

MEI OE Part No.	FP603800
Lever Length in mm	160
Type of casting	38mm offset-LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud









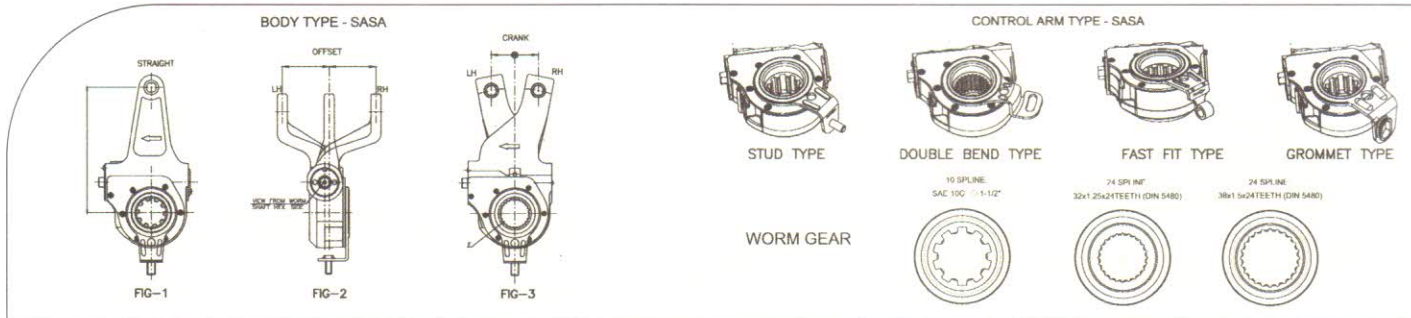






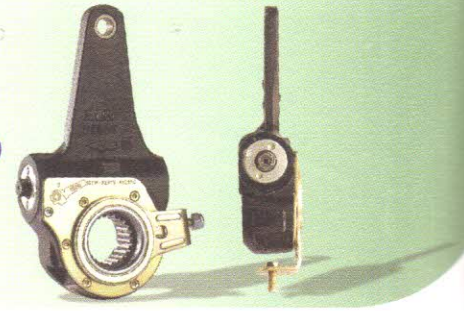



**DAIMLER SELF SETTING AUTOMATIC SLACK ADJUSTER**

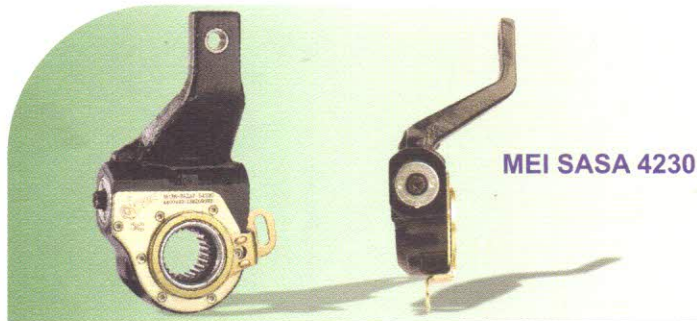


MEI OE Part No.	A4004200038
Lever Length in mm	160
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

**MEI SASA 2950**



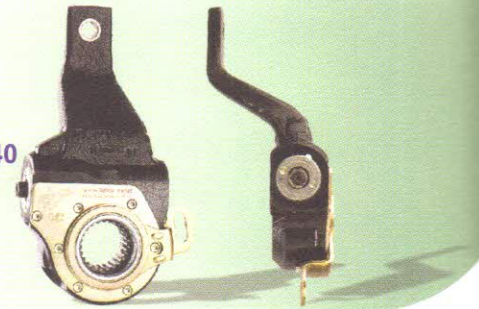
MEI OE Part No.	A4004201338
Lever Length in mm	160
Type of casting	75mm offset-RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Double Bend Type



**MEI SASA 4230**

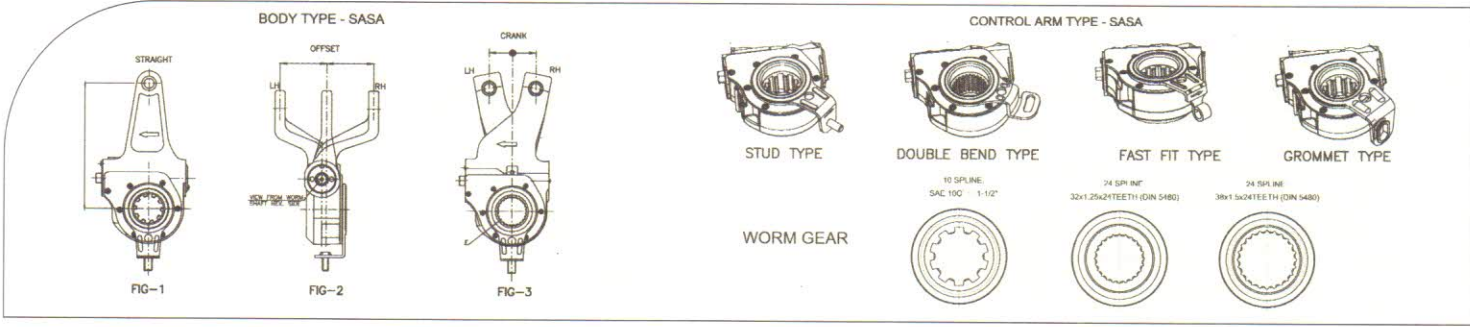
MEI OE Part No.	A4004201238
Lever Length in mm	160
Type of casting	75mm offset -LH
Spline Details	24x1.5x38mm DIN 5480
Control arm type	Double Bend Type

**MEI SASA 4240**

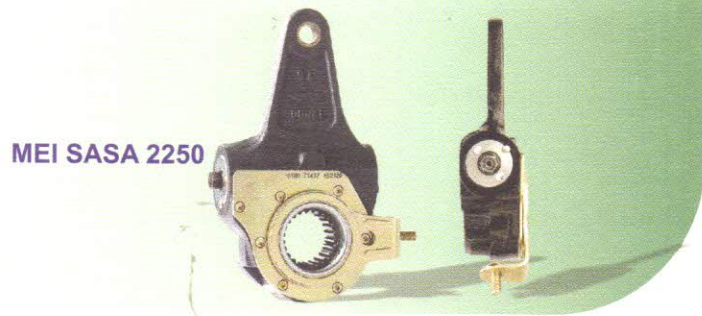




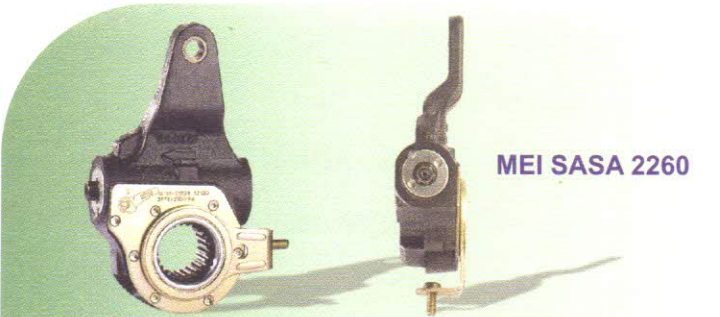
# VOLVO EICHER SELF SETTING AUTOMATIC SLACK ADJUSTER



MEI OE Part No.	IA235434
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



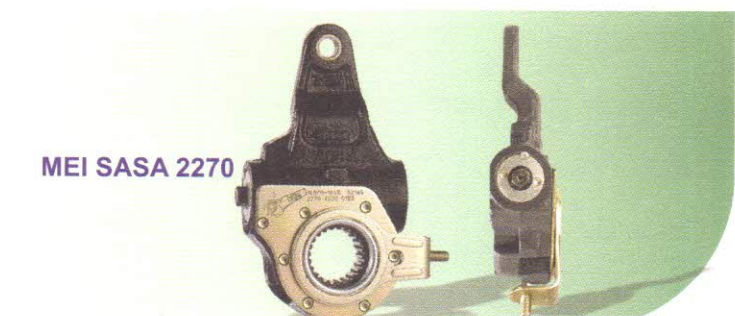
MEI SASA 2250



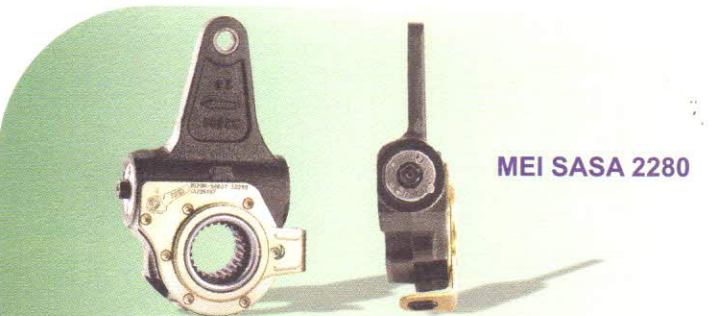
MEI SASA 2260

MEI OE Part No.	IA235463
Lever Length in mm	140
Type of casting	16mm offset-RH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud

MEI OE Part No.	IA235464
Lever Length in mm	140
Type of casting	16mm offset-LH
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



MEI SASA 2270



MEI SASA 2280

MEI OE Part No.	IA235487
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Grommet

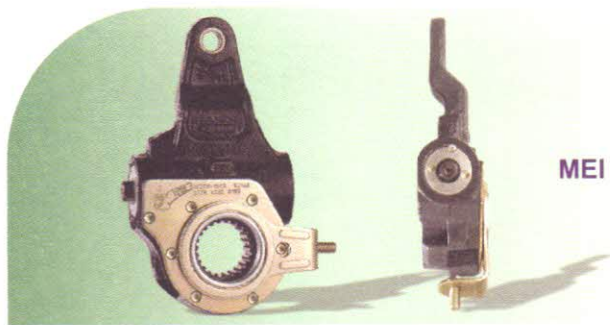
MEI OE Part No.	IA235461
Lever Length in mm	140
Type of casting	16mm offset-RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI SASA 2290



**VOLVO EICHER SELF SETTING AUTOMATIC SLACK ADJUSTER**

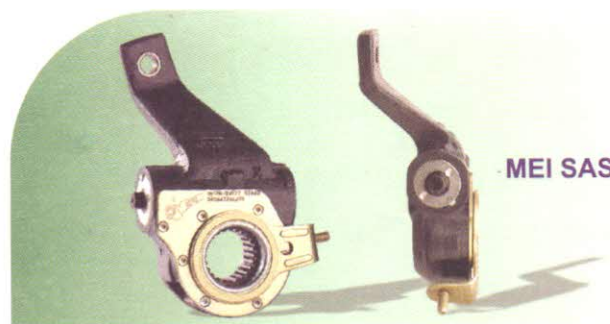
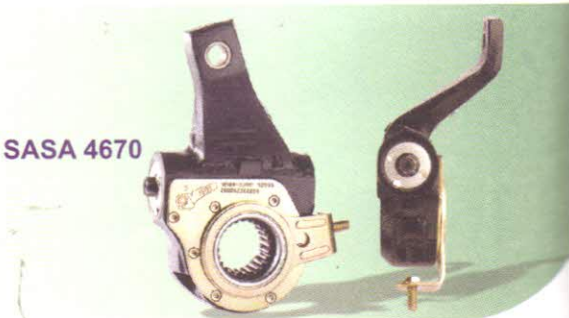


**MEI SASA 2300**

MEI OE Part No.	IA235462
Lever Length in mm	140
Type of casting	16mm offset-LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	IC306249
Lever Length in mm	140
Type of casting	60mm offset- Crank40DEG
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

**MEI SASA 4670**

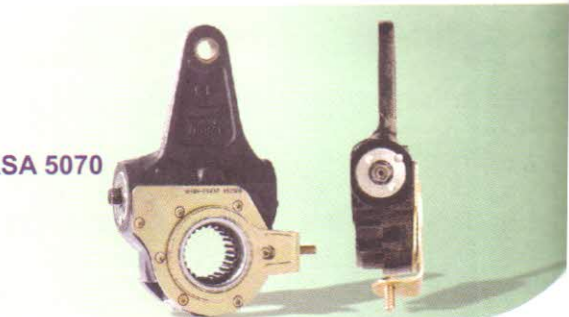


**MEI SASA 4680**

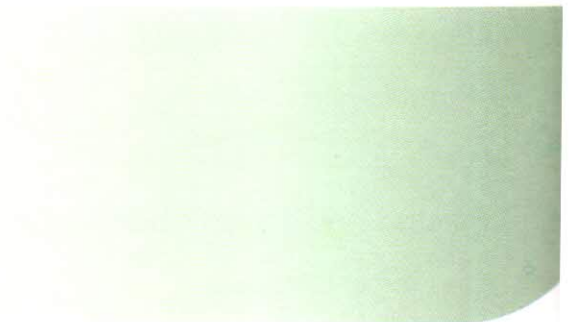
MEI OE Part No.	IC306248
Lever Length in mm	140
Type of casting	60mm offset- Crank40DEG
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	IC309026
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

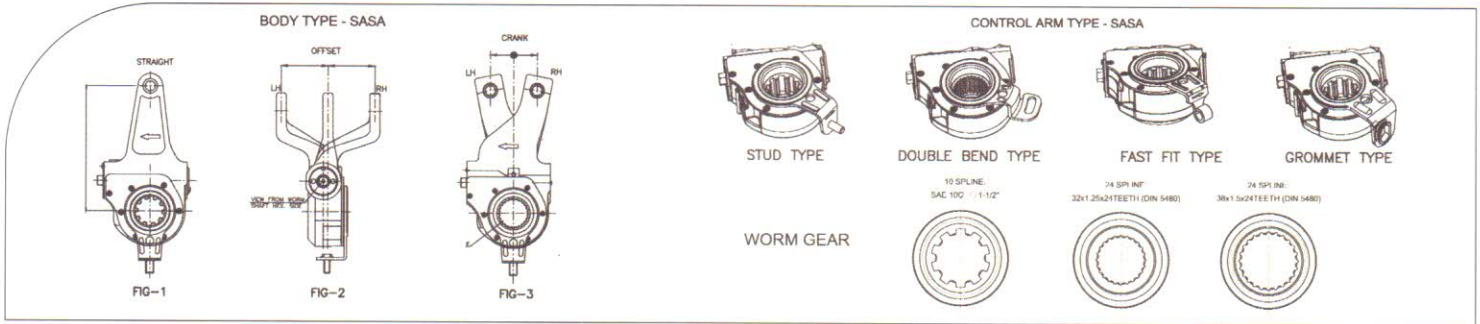
**MEI SASA 5070**







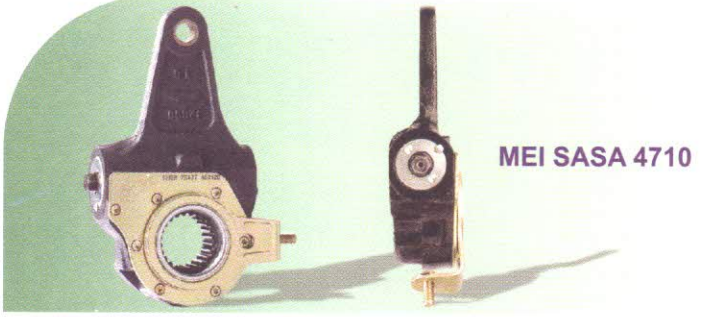




MEI OE Part No.	0601BAB00440N
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud

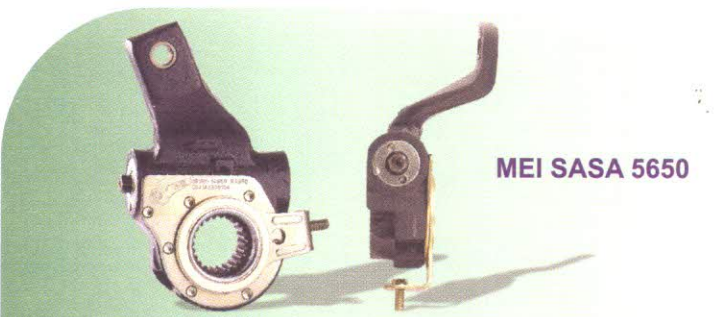


MEI OE Part No.	7712AAP00030N
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud



MEI OE Part No.	7712AAP00040N
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	7712AAQ00050N
Lever Length in mm	140
Type of casting	60mm RH Crank 55Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



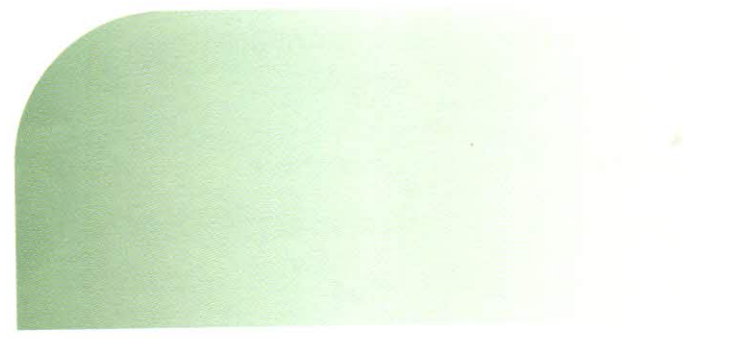
MEI OE Part No.	7712AAQ00060N
Lever Length in mm	140
Type of casting	60mm LH Crank 55Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

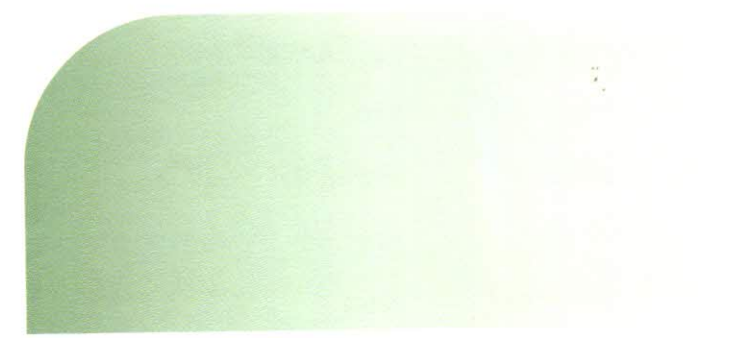






MEI OE Part No.	7712AAQ00070N
Lever Length in mm	140
Type of casting	Straight Crank 30Deg
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

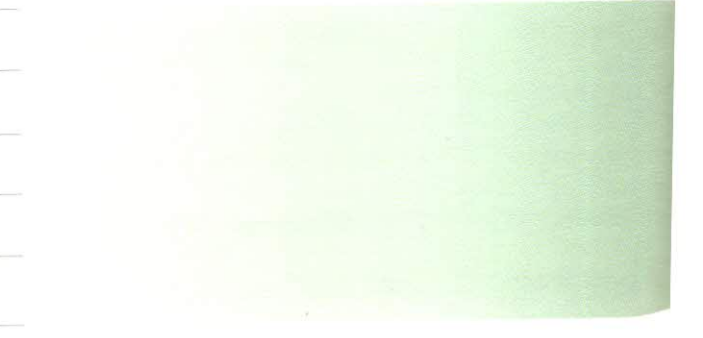



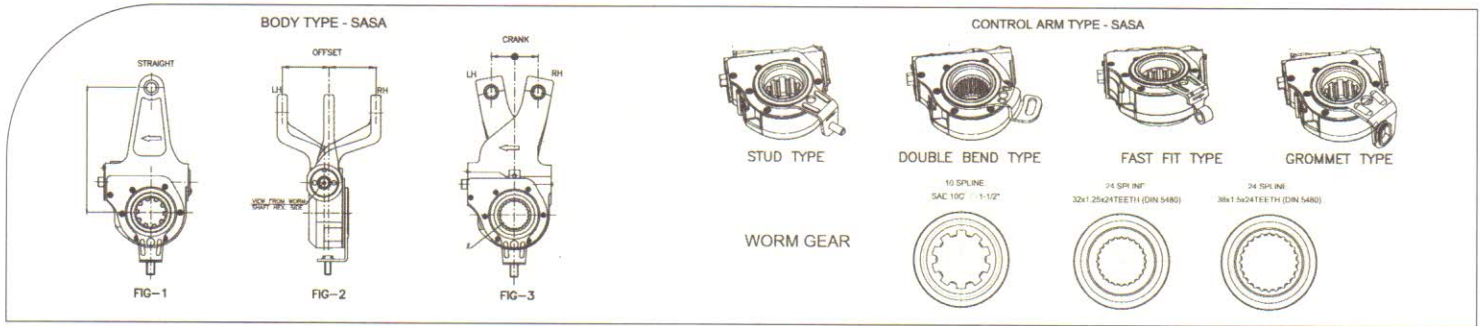






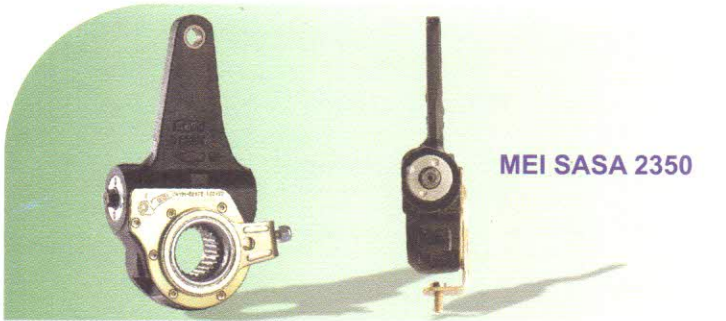
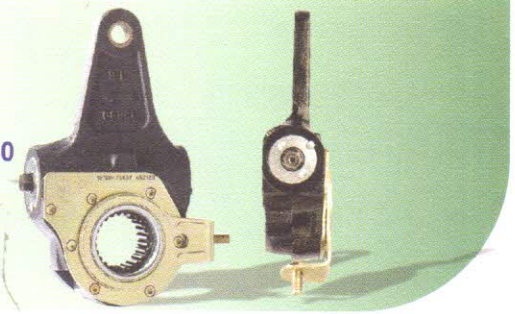







MEI OE Part No.	LP-4926970 A
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.25x32mm DIN 5480
Control arm type	Stud

MEI SASA 2360

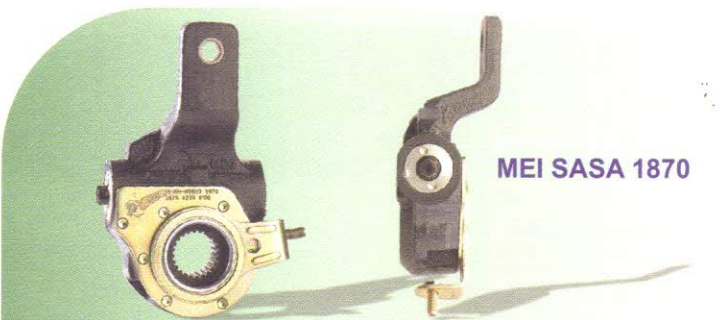
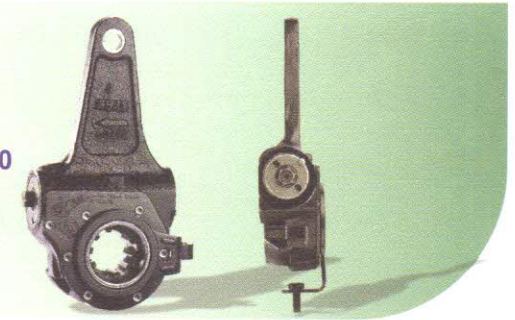


MEI SASA 2350

MEI OE Part No.	LZ-0226970
Lever Length in mm	160
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI OE Part No.	SD-0126970
Lever Length in mm	160
Type of casting	Straight
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud

MEI SASA 2340

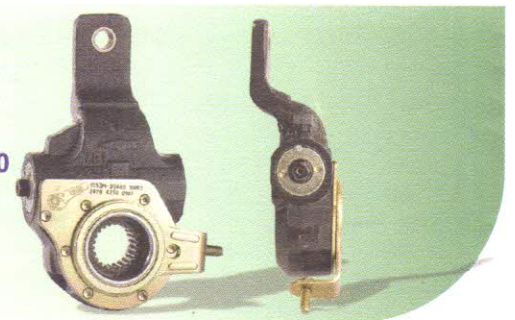


MEI SASA 1870

MEI OE Part No.	LZ-0233985
Lever Length in mm	160
Type of casting	43mm offset-RH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

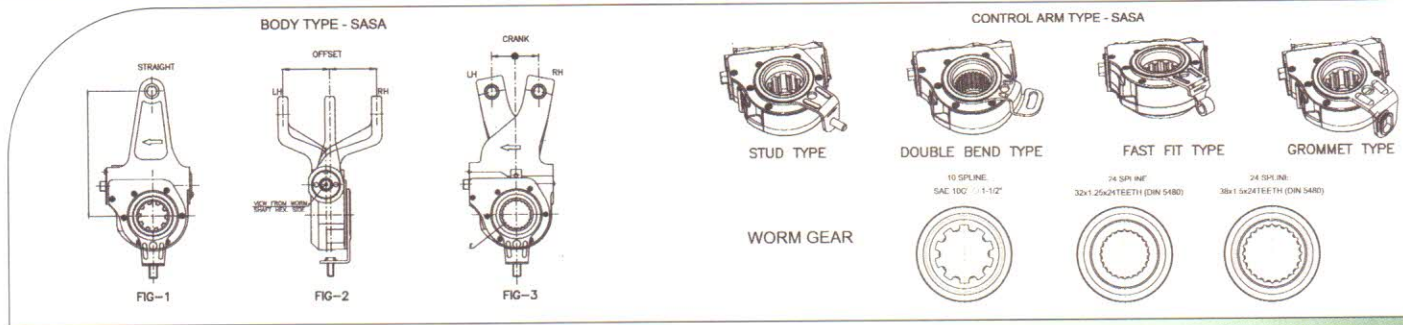
MEI OE Part No.	LZ-0233980
Lever Length in mm	160
Type of casting	43mm offset-LH
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud

MEI SASA 1880

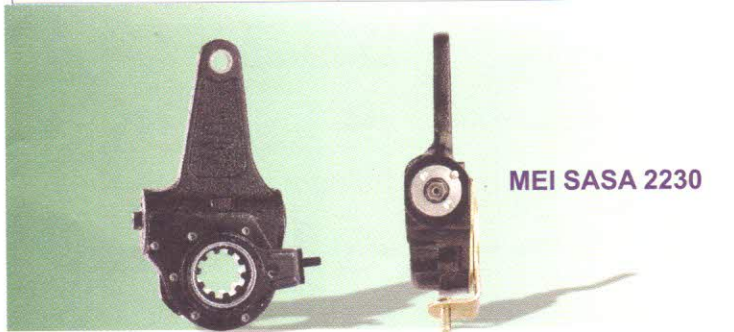




# AMW SELF SETTING AUTOMATIC SLACK ADJUSTER

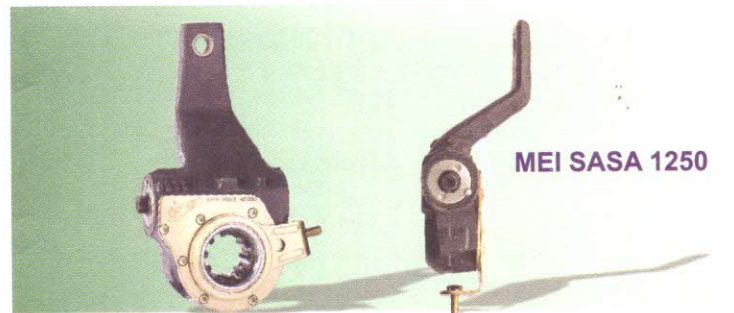


MEI OE Part No.	281-02-00005
Lever Length in mm	140
Type of casting	Straight
Spline Details	24x1.50x38mm DIN 5480
Control arm type	Stud



MEI SASA 2230

MEI OE Part No.	281-00-0015A
Lever Length in mm	140
Type of casting	Straight
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



MEI SASA 1250

MEI OE Part No.	281-30-0010
Lever Length in mm	160
Type of casting	60mm offset-LH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



MEI SASA 6630

MEI OE Part No.	281-02-0006A
Lever Length in mm	160
Type of casting	Straight
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



MEI SASA 2240

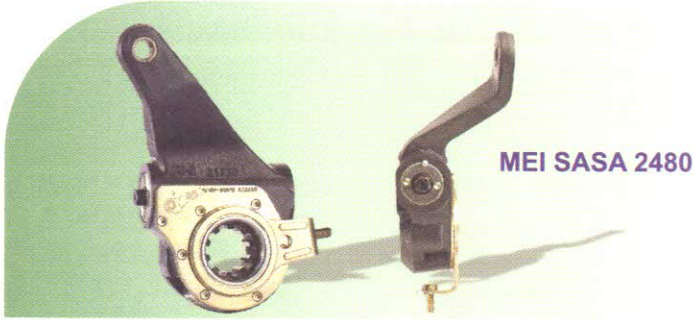
MEI OE Part No.	281-30-0009
Lever Length in mm	160
Type of casting	60mm offset-RH
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



MEI SASA 1260

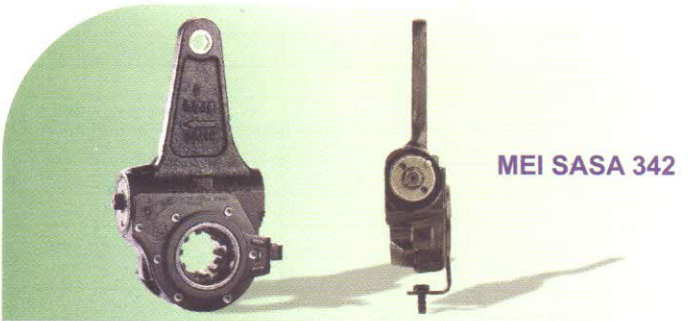
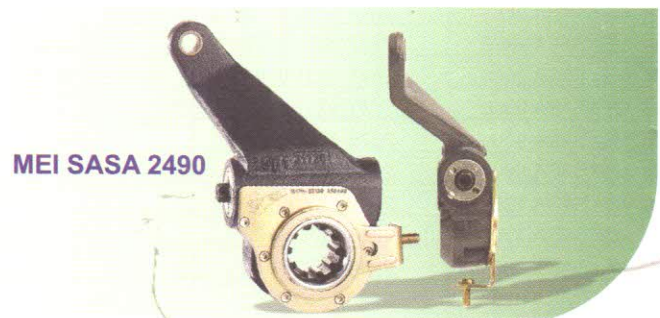


**AMW SELF SETTING AUTOMATIC SLACK ADJUSTER**



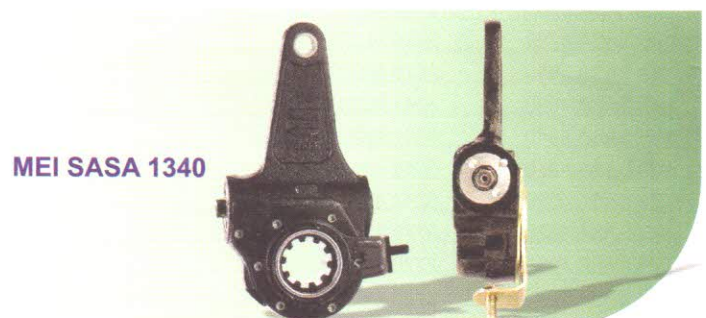
MEI OE Part No.	281-00-0022
Lever Length in mm	160
Type of casting	60mm offset-RH Crank 29Deg
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud

MEI OE Part No.	281-00-0021
Lever Length in mm	160
Type of casting	60mm offset-LH Crank 29Deg
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud



MEI OE Part No.	281-02-00006
Lever Length in mm	160
Type of casting	Straight
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud

MEI OE Part No.	281-00-00015
Lever Length in mm	140
Type of casting	Straight
Spline Details	10 Spline SAE 1.5 *
Control arm type	Stud









# CROSS REFERENCE CHART - MEI vs HALDEX vs KNORR BREMSE

MEI		HALDEX		KNORR BREMSE	
		TATA MOTORS LIMITED			
PART NUMBER	OE PART NUMBER	PART NUMBER	OE PART NUMBER	PART NUMBER	OE PART NUMBER
✓ MEI SASA 2120	2778 4230 0182	T 80072 / T 80230 / T 80378	2778 4210 0101	K 012587 / K013211	2778 4210 0159
✓ MEI SASA 2130	2778 4230 0184	T 80073	2778 4230 0102	K 012592	2778 4230 0153
✓ MEI SASA 2140	2778 4230 0183	T 80074	27784 230 0101	K 012591	2778 4230 0156
✓ MEI SASA 310	2770 4230 0104	T 80231	2770 4230 0102		
✓ MEI SASA 320	2770 4230 0105	T 80232	2770 4230 0103		
✓ MEI SASA 560	2892 4230 0106	T 80323	2892 4230 0119		
✓ MEI SASA 2870	2641 4211 0199	T 80075	2641 4210 0164	K 012589	2641 4211 0197
✓ MEI SASA 2880	2641 4231 0165	T 80076	2641 4231 0121	K 012593	2641 4231 0140
✓ MEI SASA 2890	2641 4231 0166	T 80077	2641 4231 0120	K 012594	2641 4231 0141
✓ MEI SASA 970	2876 4230 0106	T 80447	2876 4230 0109		
✓ MEI SASA 980	2876 4230 0107	T 80448	2876 4230 0108		
✓ MEI SASA 760	2880 4230 0122				
✓ MEI SASA 770	2880 4230 0123				
✓ MEI SASA 860	2880 4230 0124				
✓ MEI SASA 870	2880 4230 0125				
✓ MEI SASA 1290	2867 4210 0174				
✓ MEI SASA 1300	2867 4210 0173				
✓ MEI SASA 1690	5014 4230 0109				
✓ MEI SASA 1700	5014 4230 0115				
✓ MEI SASA 2050	2809 4230 0206				
✓ MEI SASA 2060	2809 4230 0208				
✓ MEI SASA 5080	2190 4230 0105				
✓ MEI SASA 2530	5006 4230 0122				
✓ MEI SASA 2540	5006 4230 0121				
✓ MEI SASA 2550	5006 4210 0121				
✓ MEI SASA 2990	2752 4210 0108	T 80085	2776 4230 0181	K049978	2776 4230 0190
✓ MEI SASA 3000	2752 4210 0114	T 80086	2776 4230 0182	K049979	2776 4230 0191
✓ MEI SASA 4780	2879 4230 0191				
✓ MEI SASA 4810	2879 4230 0192				
✓ MEI SASA 4930	5041 4230 0104				
✓ MEI SASA 4940	5041 4230 0103				
✓ MEI SASA 4910	5043 4210 0115				
✓ MEI SASA 4920	5043 4210 0114				
✓ MEI SASA 3620	2778 4230 0190				
✓ MEI SASA 5230	2776 4230 0231				
✓ MEI SASA 5240	2776 4230 0230				
✓ MEI SASA 5830	5032 4230 0124				
✓ MEI SASA 5840	5032 4230 0123				
<b>ASHOK LEYLAND LIMITED</b>					
✓ MEI SASA 340	F 8377800	T 80314		F 8821500	
✓ MEI SASA 840	F 8850600	T 80315		F 8822400	
✓ MEI SASA 590	F 8828600	T 80319		X 8835700	
✓ MEI SASA 1570	X 8824100				
✓ MEI SASA 1400	F 8899800				
✓ MEI SASA 1410	F 8899700				
✓ MEI SASA 1430	X 8802600				
✓ MEI SASA 1520	X 8821600				
✓ MEI SASA 1530	X 8821500				
✓ MEI SASA 1480	X 8823400	T 80501		FX 400600	
✓ MEI SASA 1490	X 8823300	T 80502		FX 400400	
✓ MEI SASA 2910	FP 600600	T 80411		FY 400200	
✓ MEI SASA 2920	FP 600500	T 80410		FY 400100	
✓ MEI SASA 3220	FP 601000				
✓ MEI SASA 3230	FP 600900				
✓ MEI SASA 3500	FP 601900	T 80503		FY 400300	





## CROSS REFERENCE CHART - MEI vs HALDEX vs KNORR BREMSE

MEI		HALDEX		KNORR BREMSE	
		ASHOK LEYLAND			
PART NUMBER	OE PART NUMBER	PART NUMBER	OE PART NUMBER	PART NUMBER	OE PART NUMBER
✓ MEI SASA 3510	FP 601800	T 80504		FY 400500	
MEI SASA 3630	FP 602300				
MEI SASA 3640	FP 602200				
✓ MEI SASA 4130	FP 602400				
MEI SASA 3260	FP 601200				
MEI SASA 3270	FP 601100				
MEI SASA 5430	FP 603900				
MEI SASA 5440	FP 603800				
MEI SASA 5990	FY 400221				
MEI SASA 6000	FY 400121				
<b>SWARAJ MAZDA LIMITED</b>					
MEI SASA 2360	LP 4926970 A	80075		LP 4926970 A	
MEI SASA 2350	LZ 0226970				
MEI SASA 310	LZ 0233970				
MEI SASA 320	LZ 02333975				
MEI SASA 2340	SD 0126970				
MEI SASA 1870	LZ 0233985				
MEI SASA 1880	LZ 0233980				
<b>VOLVO EICHER COMMERCIAL VEHICLES LIMITED</b>					
MEI SASA 2250	1A 235434	T80075		IA 234382	
MEI SASA 2280	IA 235487	T80158		IA 222822	
MEI SASA 2300	IA 235462	T80073		IA 222823	
MEI SASA 2260	IA 235463	T80076		IA 234383	
MEI SASA 2270	IA 235464	T80077		IA 234384	
MEI SASA 2290	IA 235461	T80074		IA 222824	
MEI SASA 4670	IC 306249				
MEI SASA 4680	IC 306248				
MEI SASA 5070	IC 309026				
<b>ASIA MOTOR WORKS LIMITED</b>					
MEI SASA 6630	2810 2000 05	T80072			
MEI SASA 2230	2810 2000 6A	T80314			
✓ MEI SASA 1250	2813 0000 09				
✓ MEI SASA 1260	2813 0000 10				
✓ MEI SASA 2240	2810 0001 5A				
✓ MEI SASA 2480	2810 000 22				
✓ MEI SASA 2490	2810 000 21				
<b>DAIMLER - BHARAT BENZ</b>					
✓ MEI SASA 2950	A400 4200 038				
✓ MEI SASA 4230	A400 4201 338				
✓ MEI SASA 4240	A400 4201 238				
<b>MAHINDRA TRUCKS AND BUSES LIMITED</b>					
MEI SASA 4710	7712 AAP0 030N				
MEI SASA 4720	7712 AAP0 040N				
MEI SASA 5640	7712 AAQ0 0070N				
MEI SASA 5650	7712 AAQ0 0050N				
MEI SASA 5660	7712 AAQ0 0060N				



## VEHICLE MODEL-WISE SASA

### TATA MOTORS

Sl. No	Vehicle Model	Application Multi Axle												
		F1 R	F1 L	F2 R	F2 L	R1 R	R1 L	R2 R	R2 L	R3 R	R3 L			
1	709	S2870	S2870			S2880	S2890							
2	712	S2870	S2870			S2880	S2890							
3	909 LPT	S2870	S2870			S2880	S2890							
4	909LPK	S2870	S2870			S2880	S2890							
5	909 Mar	S2870	S2870			S2880	S2890							
6	912	S2870	S2870			S2880	S2890							
7	1012 Ultra	S2870	S2870			S2880	S2890							
8	1109 LPT/1112 LPT	S2870	S2870			S970	S980							
9						& 5080	& 5080							
10	1312	S2120	S2120			S2130	S2140							
11	1512	S2120	S2120			S2130	S2140							
12	1512 TC/52	S2120	S2120			S310	S320							
13	1613 LPT	S2120	S2120			S2130	S2140							
14	1613 BS III	S2130	S2140			S2120	S2120							
15	1615 C BS III	S2120	S2120			S2130	S2140							
16	LPK 1618													
17	2515 Multi Axle	S2120	S2120			S2120	S2120		S2120	S2120				
18	2518 LPT / 48	S2990	S3000			S2120	S2120		S2990	S2990	S3000			
19	2518 LPT / 62	S560	S560			S2120	S2120		S2990	S2990	S3000			
20	LPK 2518	S2130	S2140			S2120	S2120		S2120	S2120	S2120			
21	LPK 2523													
22	LPK 2521								S2990	S2990	S3000			
23	LPT 3118	S2130	S2140	S2120	S2120	S2120	S2120		S2120	S2130	S2140			
24	3123	S560	S560			S560	S560							
25	3518TT	S2120	S2120			S2120	S2120							
26	3118 LPT	S2140	S2130	S2120	S2120	S2120	S2120		S2120	S2120	S2120			
27	3118 LPT / 62	S560	S560	S2120	S2120	S2120	S2120		S2120	S2130	S2140			
28	LPS 3518	S2120	S2120			S2120	S2120							
29	3718	S560	S560	S560	S560	S560	S560		S5230	S5230	S5240	S2130		
30	LPS 4018	S2120	S2120			S2120	S2120							
31	LPT 48 ABS	S2990	S3000			S2130	S2140		S2990	S2990	S3000			
32	4923 Prima	S560	S560			S4930	S4940		S4930	S4930	S4940			



## VEHICLE MODEL-WISE SASA

### ASHOK LEYLAND

Application Multi Axle											
Sl. No	Vehicle Model	F1 R	F1 L	F2 R	F2 L	R1 R	R1 L	R2 R	R2 L	R3 R	R3 L
1	Stag	S590	S590			S3220	S3220				
2	Lynx	S340	S340			S340	S340				
3	Boss 912	S590	S590			S590	S590				
4	Boss 1212	S590	S590			S590	S590				
5	Ecomet	S4130(Or) 1570	S4130(Or) 1570			S1400	S1410				
6	12 Meter	S1480	S1490			S2910(Or) 340	S2920(Or) 340				
7	1612	S340(1430)	S340(1430)			S340	S340				
8	1613	S340(1430)	S340(1430)			S340	S340				
9	1616 XL	S340(1430)	S340(1430)			S340	S340				
10	1618	S340(1430)	S340(1430)			S340	S340				
11	2516	S340(1430)	S340(1430)			S340	S340	S340	S340		
12	2518	S340(1430)	S340(1430)			S340	S340	S340	S340		
13	U2518	S1480	S1490			S3500	S3510	S3500	S3510		
14	2523	S340(1430)	S340(1430)			S340	S340	S340	S340		
15	U2523	S1480	S1490			S3500	S3510	S3500	S3510		
16	3116	S340(1430)	S340(1430)	S340(1430)	S340(1430)	S340	S340	S340	S340		
17	3118	S340(Or) 1430	S340(Or) 1430	S340(Or) 1430	S340(Or) 1430	S340	S340	S340	S340		
18	3123	S1480	S1490	S1480	S1490	S3510	S3510	S3510	S3500		
19	Captan 3123	S1480	S1490	S1480	S1490	S3500	S3510	S3500	S3510		
20	U 3718	S1480	S1490	S1480	1490	S340	S340	S340	S340	S340	S340
21	3723	S1480	S1490	S1480	S1490	S340	S340	S340	S340	S340	S340
22	3516	MSA 18-10	MSA 18-10			MSA 18-10	MSA 18-10				
23	3518	MSA 18-10	MSA 18-10			MSA 18-10	MSA 18-10				
24	4018	MSA 18-10	MSA 18-10			MSA 18-10	MSA 18-10				
25	4023	MSA 18-10	MSA 18-10			MSA 18-10	MSA 18-10				
26	4923	MSA 18-10	MSA 18-10			MSA 18-10	MSA 18-10				
27	MTC Bus-III	S1430	S1430			S340	S340				
28	MTC Bus-IV	S340	S340			S2910(Or) 340	S2920(Or) 340				
29	SETC	S1480	S1490			S2910	S2920				



## VEHICLE MODEL-WISE SASA

DAIMLER												
Application Multi Axle												
Sl. No	Vehicle Model	F1 R	F1 L	F2 R	F2 L	R1 R	R1 L	R2 R	R2 L	R3 R	R3 L	
1	1617 R	S2950	S2950			S2950	S2950					
2	2523C	S2950	S2950			S4230	S4240	S4230	S4240			
3	2523R	S2950	S2950			S2950	S2950	S2950	S2950			
4	2528C	S2950	S2950			S4230	S4240	S4230	S4240			
5	3123R	S2950	S2950	S2950	S2950	S2950	S2950	S2950	S2950			
6	3128C	S2950	S2950	S2950	S2950	S4230	S4240	S4230	S4240			
<b>MAHINDRA</b>												
1	Multi Axle	S4720	S4720			S4720	S4720	S4720	S4720			
2	LCV	S4710	S4710			S4710	S4710					
3	Mn31											
4	7712AAP00011N											
5	7712AAQ00030N											
6	7712AAQ00040N											
7	7712AAQ00070N											
8	7712AAQ00050N											
9	7712AAQ00060N											
10	0601BAB00440N											



VOLVO EICHER  
 VEHICLE MODEL-WISE SASA

VOLVO EICHER		Application Multi Axle												
Sl. No	Vehicle Model	F1 R	F1 L	F2 R	F2 L	R1 R	R1 L	R2 R	R2 L	R3 R	R3 L			
1	10.75	S2260	S2270			S2250	S2250							
2	10.80	S2260	S2270			S2250	S2250							
3	10.90	S2260	S2270			S2250	S2250							
4	10.95	S2260	S2270			S2250	S2250							
5	11.10	S2250	S2250			S2260	S2270							
6	11.12	S2250	S2250			S2260	S2270							
7	11.14	S2280	S2280			S2280	S2280							
8	20.15	S2280	S2280			S2280	S2280							
9	20.16	S2280	S2280			S2280	S2280							
10	30.25	S2280	S2280			S2290	S2300							
12	35.31	S2280	S2280	S2280	S2280	S2290	S2300							
13	T 16	S2280	S2280			S2290	S2300							
14	T25	S2280	S2280			S2290	S2300							
15	T 25 boogie	S2280	S2280			S4670	S4680	S4670	S4680					





## SALES & SERVICE NETWORK



Plant -I, Ambattur, Chennai  
Plant-II, Maraimalainagar near Chennai  
Capacity:  
1.56 million Automatic Slack Adjusters and  
1.00 million Manual Slack Adjusters  
Foundry, Piliappakkam, Chennai

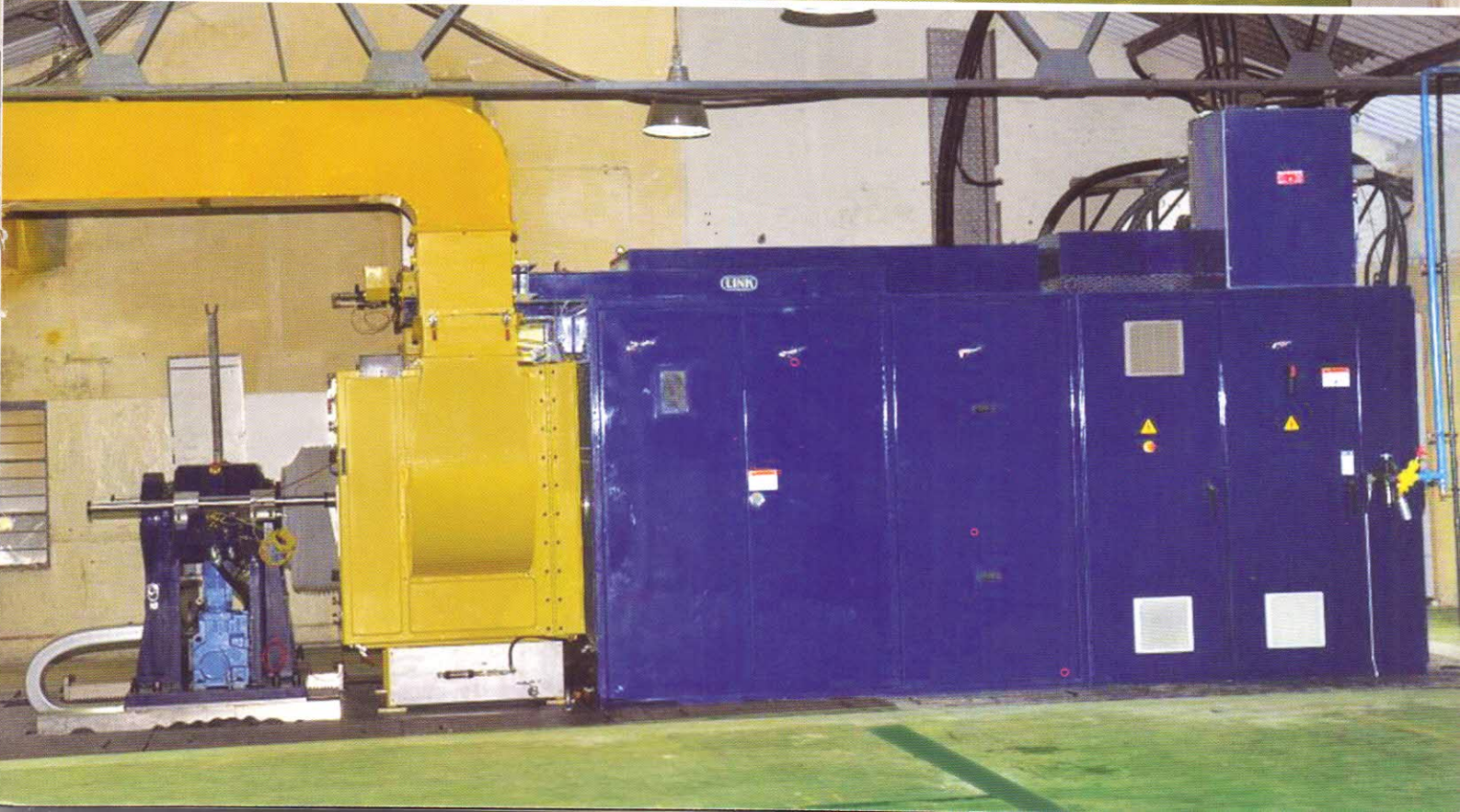
• MEI • Regional Service Representatives

Major OE Customers

Distributor for after market



# DYNAMO METER - R & D







## MADRAS ENGINEERING INDUSTRIES PRIVATE LIMITED

Plant-I: C6, Ambattur Industrial Estate, Ambattur, Chennai-600 058, INDIA.

Tel: +91 44 4398 3200, 2625 8433, Fax: +91 44 2625 0178

Plant-II: 2, 5 & 6, SIDCO Industrial Estate, Maraimalai Nagar-603 209, Tamil Nadu, India

Tel: +91 44 2745 2646, 2745 3291 Fax: +91 44 2745 2546

Plant-III: Plot No. AA7, 6th Avenue, Auto Ancillary SEZ, Mahindra World City, Natham Sub Post,  
Chengalpet-603 002, Kancheepuram District, Tamil Nadu, India

Tel: +91 44 4742 3000 Fax: +91 44 4742 3099

E-mail: [meil@madrasengineering.com](mailto:meil@madrasengineering.com)

Visit us at : [www.mei.co.in](http://www.mei.co.in)