



# SLACK ADJUSTERS



**WABCO**

# WABCO Slack adjuster



ASA Straight  
type

ASA Offset  
type



MSA Straight  
type

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type



## Achieve higher levels of safety and efficiency

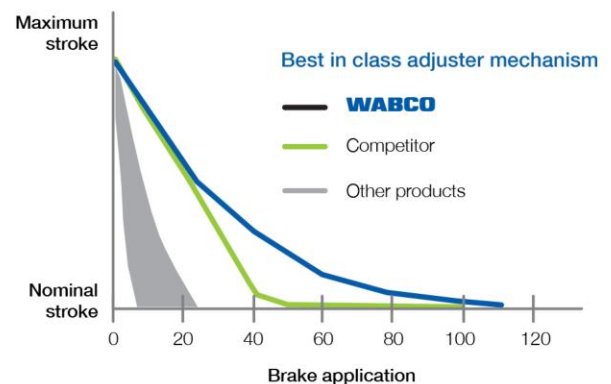
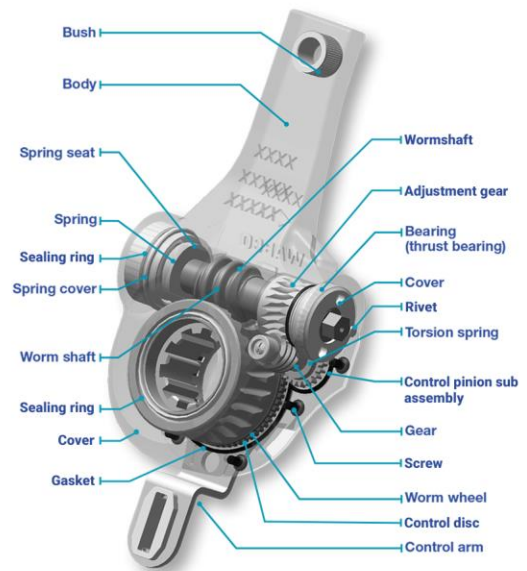
WABCO Automatic Slack Adjusters (ASA) for commercial vehicles keeps brakes operating at peak performance. Built to be robust and completely reliable, WABCO ASA delivers shorter stopping distances and extends brake lining life. Its self-setting design ensures the adjustment of running clearance, and eliminates the need for frequent brake adjustments. This helps to cut down on brake maintenance costs and vehicle safety inspection while optimizing brake performance.

## Maintenance free and durable


WABCO ASA features a housing which is lubricated-for-life and designed to be maintenance free. Specially treated for corrosion protection and fully sealed from road contamination and impurity ingress, WABCO ASA is highly durable and has a long product life. Its performance remains unaffected under extreme temperature and geographical conditions. WABCO ASA's unique features help to reduce maintenance costs and extend the service intervals. Designed for a wide range of commercial vehicle applications, WABCO ASA is the preferred choice of all commercial vehicle fleet owners worldwide.

## Features and capabilities

- Unique design with lifetime lubrication
- Robust rubber sealing to avoid contamination from dust, water and other contaminants
- Progressive adjuster mechanism prevents brake grabbing
- Constantly optimizes running clearance between brake lining and drum
- Superior corrosion protection helps increase product life



## Customer benefits

-  Self-setting feature facilitates easy, accurate and quick installation
-  Maintenance free and longer service intervals as compared to other automatic slack adjusters
-  More than 5 years of field experience on rough road conditions
-  Longer product life as compared to competition
-  Helps to reduce service cost and increase vehicle uptime

# Automatic slack adjuster



Exploded view

## TATA MOTORS

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
MCV & HCV Front	140mm	Straight	24x1.5x38	4332250440	S2120, S3620, S260, S7150
MCV & HCV Rear	140mm	16mm LH	24x1.5x38	4332250630	S2140, S3940, S7290, S7790, S280
MCV & HCV Rear	140mm	16mm RH	24x1.5x38	4332250640	S2130, S3930, S7280, S7780, S270
HCV - 1609 Rear	140mm	43mm LH	24x1.5x38	4332250670	S320, S7170, S5240
HCV - 1609 Rear	140mm	43mm RH	24x1.5x38	4332250680	S310, S7160, S5230
2523 / 3123 / DTC Buses Rear	140mm	60mm LH	24x1.5x38	4332250690	S1700
2523 / 3123 / DTC Buses Rear	140mm	60mm LH	24x1.5x38	4332250700	S1690
DTC Buses with sensor hole Front	140mm	Straight	24x1.5x38	4332250440	S7150, S2120, S3620, S260
713 / 715 Army with sensor hole Rear	140mm	43mm LH	24x1.5x38	4332250670	S5240, S320, S7170
713 / 715 Army with sensor hole Rear	140mm	43mm RH	24x1.5x38	4332250680	S5230, S310, S7160
LCV 709 / 909 / 912 / 1109 Front	140mm	Straight	24x1.25x32	4332250560	S2870, S7180
LCV 709 / 809 / 909 / 912 / 1109 Rear	140mm	16mm LH	24x1.25x32	4332250570	S2890, S7370
LCV 709 / 809 / 909 / 912 / 1109 Rear	140mm	16mm RH	24x1.25x32	4332250580	S2880, S7360
Prima LPS 4921 / 4923 ( 30deg Crank)	140mm	Straight	24x1.5x38	4332251590	S4990

## MAHINDRA & MAHINDRA

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
MCV & HCV Front	140mm	Straight	24x1.5x38	4332250440	S4720X, S1370

## DAIMLER INDIA COMMERCIAL VEHICLE (Bharat Benz)

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
Rigid Truck 2523C / 2523R / 3123R / 3128C / 1617R / 49T RT1 / RT2 Con NABS / ABS	160mm	Straight	24x1.5x38	4332250980	S2950, S6460

## HENDRICKSON

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
Hendrickson Axle Trailer	154.2 mm	Straight LH	10 Spline	4332251030	NA
Hendrickson Axle Trailer	154.2 mm	Straight RH	10 Spline	4332251010	NA

# Automatic slack adjuster

## SML ISUZU (Swaraj Mazda)

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
ISUZU Front	140mm	43mm LH	24x1.5x38	4332250670	S320
ISUZU Front	140mm	43mm RH	24x1.5x38	4332250680	S310
ISUZU Rear	160mm	Straight	24x1.5x38	4332250980	S560, S2350
SAMRAT Upgraded Front & Rear	160mm	Straight	10 Splines	4332250850	S342, S2340
LCV Front	140mm	Straight	24x1.25x32	4332250560	S700, S2360, S8100

## ASHOK LEYLAND

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
MCV & HCV Front & Rear	160mm	Straight	10 Splines	4332250850	S7840, S340, S840
Stag, Lynx, Boss 912 Front & Rear	140mm	Straight	24x1.25x32	4332250840	S590, S1570, S2450
Ecomet 1012 / 1212 / 9016 Rear	140mm	70mm LH	24x1.25x32	4332250870	S1400
Ecomet 1012 / 1212 / 9016 Rear	140mm	70mm RH	24x1.25x32	4332250880	S1410
12 Metre Buses & U Truck 2518/ 3718/ 3723 Front	160mm	38mm LH	10 Splines	4332250940	S1490
12 Metre Buses & U Truck 2518/ 3718/ 3723 Front	160mm	38mm RH	10 Splines	4332250950	S1480
MBP Vehicles-U Truck 3123/2518/ 2523/ 2518/ 4920/ 3723/BGS N2518 Rear	160mm	38mm LH	24x1.5x38	4332252350	S3510, S5440
MBP Vehicles-U Truck 3123/2518/ 2523/ 2518/ 4920/ 3723/BGS N2518 Rear	160mm	38mm RH	24x1.5x38	4332252340	S3500, S5430
MBP Vehicles-U Truck 3123/2518/ 2523/ 2518/ 4920/ 3723/BGS N2518 Rear	160mm	Straight	24x1.5x38	4332250980	S3370

## VE COMMERCIAL VEHICLE

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
HCV 11.14/ 20.15/ 20.16/ 30.25/ 35.31/ T16/ T25/ 40.35/ 40.40 Front	140mm	Straight	24x1.5x38	4332250470	S2280, S5070
MCV & HCV 30.25/35.31/T16 Rear	140mm	16mm LH	24x1.5x38	4332250630	S2300
MHCV 30.25/35.31/T16 Rear	140mm	16mm RH	24x1.5x38	4332250640	S2290
PRO 20.16/6015/VE 2100/ 60.16T/ 6025/ 6031/ 60.35/ 60.37/ 60.40 Front & Rear	140mm	Straight	24x1.5x38	4332250470	S5070, S2280
10.75/ 10.80/ 10.90/ 10.95/ 11.10/ 11.12/ PRO 3008 Front	140mm	Straight	24x1.25x32	4332250000	S2250
10.75/ 10.80/ 10.90/ 10.95/ 11.10/ 11.12/ PRO 3008 Rear	140mm	16mm LH	24x1.25x32	4332250720	S2270, S7750
10.75/ 10.80/ 10.90/ 10.95/ 11.10/ 11.12/ PRO 3008 Rear	140mm	16mm RH	24x1.25x32	4332250730	S2260, S7760

## ASIA MOTOR WORKS (AMW)

Application	Configuration				WABCO Part No.	Cross-Reference
	Arm Length	Offset	Crank	Spline		
Tipper BSII Rear	160mm	60mm LH	-	10 Splines	4332250420	S1260
Tipper BSII Rear	160mm	60mm RH	-	10 Splines	4332250430	S1250
Tipper BSIII Rear	160mm	60mm LH	29deg	10 Splines	4332250400	
Tipper BSIII Rear	160mm	60mm RH	29deg	10 Splines	4332250410	
MCV & HCV Front	140mm	Straight	-	24x1.5x38	4332250440	S6630
MCV & HCV Front & Rear	160mm	Straight	-	10 Splines	4332250850	S2230, S342, S1340

# Manual slack adjuster



Exploded view

## TATA MOTORS

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
MCV & HCV Front & Rear	140mm	Straight	24x1.5x38	100820220	1801, 1870
MCV & HCV Rear	140mm	16mm LH	24x1.5x38	100820240	1803
MCV & HCV Rear	140mm	16mm RH	24x1.5x38	100820230	1802
HCV Rear	140mm	43mm LH	24x1.5x38	100820410	1835, 1840
HCV Rear	140mm	43mm RH	24x1.5x38	100820420	1836, 1841
LCV Front & Rear	140mm	Straight	24x1.25x32	100820260	1829
LCV Rear	140mm	16mm LH	24x1.25x32	100820280	1828
LCV Rear	140mm	16mm RH	24x1.25x32	100820270	1827

## ASHOK LEYLAND

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm length	Offset	Spline		
MCV & HCV Front & Rear	160mm	Straight	10 Spline	100820250	1810
LCV Front & Rear	140mm	Straight	24x1.25x32	100820260	18223

## CATERPILLAR INDIA

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm Length	Offset	Spline		
Caterpillar Dumper Front / Rear	132	Straight	10 Splines	100820330	NA

## VE COMMERCIAL VEHICLE

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm length	Offset	Spline		
LCV Front	140	Straight	24x1.25x32	100820260	1829
LCV Rear	140	16mm LH	24x1.25x32	100820280	1828
LCV Rear	140	16mm RH	24x1.25x32	100820270	1827

## DAIMLER INDIA COMMERCIAL VEHICLE (Bharat Benz)

Application	Configuration			WABCO Part No.	Cross-Reference
	Arm length	Offset	Spline		
MCV & HCV Front	160	Straight	24x1.5x38	4335360310	NA

## Automatic slack adjuster - Repair kit

OEM	Application	ASA Type	ASA Assembly	Repair kit		
				Major kit	Minor kit	Control arm
AL	Stag, Lynx, Boss 912 Front & Rear	Straight	4332250840	300008110	300008111	350023046
AL	MCV & HCV Front & Rear	Straight	4332250850	300008110	300008111	350023046
AL	Ecomet 1012 / 1212 / 9016 Rear	Offset	4332250870	300008110	300008111	350023046
AL	Ecomet 1012 / 1212 / 9016 Rear	Offset	4332250880	300008110	300008111	350023046
AL	12 Metre Buses & U Truck 2518 / 3718 / 3723 Front	Offset	4332250940	300008110	300008111	350023046
AL	12 Metre Buses & U Truck 2518 / 3718/ 3723 Front	Offset	4332250950	300008110	300008111	350023046
AL	MBP Vehicles-U Truck 3123 / 2518 / 2523 / 2518 / 4920 / 3723 / BGS N2518 Rear	Straight	4332250980	300008110	300008111	350023046
TML	LCV 709 / 809 / 909 / 912/ 1109 Rear	Offset	4332250570	300008110	300008111	350023046
TML	LCV 709 / 809 / 909 / 912/ 1109 Rear	Offset	4332250580	300008110	300008111	350023046
TML	MCV & HCV Rear	Offset	4332250630	300008110	300008111	350023046
TML	MCV & HCV Rear	Offset	4332250640	300008110	300008111	350023046
SML	ISUZU Front	Offset	4332250670	300008084	300008086	350023046
SML	ISUZU Front	Offset	4332250680	300008084	300008086	350023046
AMW	Tipper BS3 – Rear	Offset	4332250400	300008084	300008086	350023046
AMW	Tipper BS3 – Rear	Offset	4332250410	300008084	300008086	350023046
AMW	Tipper BS2 - Rear	Offset	4332250420	300008084	300008086	350023046
AMW	Tipper BS2 - Rear	Offset	4332250430	300008084	300008086	350023046
AMW	MCV & HCV Front	Straight	4332250440	300008110	300008111	350023046
VE	10.75 / 10.80 / 10.90 / 10.95 / 11.10/ 11.12/ PRO 3008 Front	Straight	4332250560	300008110	300008111	350023046

## Manual slack adjuster - Repair kit

OEM	Application	MSA Type	MSA Assembly	Repair kit	
				Major kit	Minor kit
AL	MCV & HCV Front & Rear	Straight	100820250	300008067	300008049
TML	MCV & HCV Front & Rear	Straight	100820220	300008067	300008051
TML	MCV & HCV Rear	Offset	100820230	300008067	300008043
TML	MCV & HCV Rear	Offset	100820240	300008067	300008043
TML	LCV Front & Rear	Straight	100820260	300008077	300008076
TML	LCV Rear	Offset	100820270	300008067	300008076
TML	LCV Rear	Offset	100820280	300008067	300008076
TML	HCV Rear	Offset	100820410	300008055	300008054
TML	HCV Rear	Offset	100820420	300008055	300008054

