

## AMENDMENTS TO FRONT AXLE & SUSPENSION IN MONTH OF NOVEMBER 2016

SR NO	GROUP	SUBGROUP	DIAGRAM NO	PAGE NO IN CAT.	SR NO IN CAT.	DESCRIPTION	DATE OF UPDATE	REVISION
1	FRONT AXLE & SUSPENSION	PARABOLIC LEAF SPRING ASSEMBLY	12	12	9	ALTERNATE REMOVED	09.11.16	01/11/16

# FRONT AXLE & SUSPENSION

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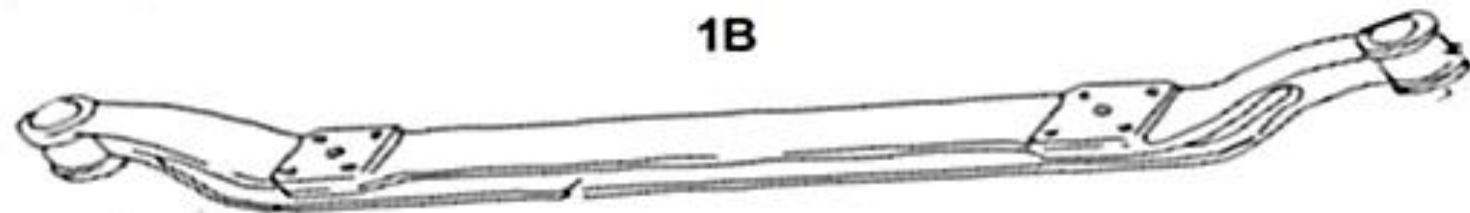
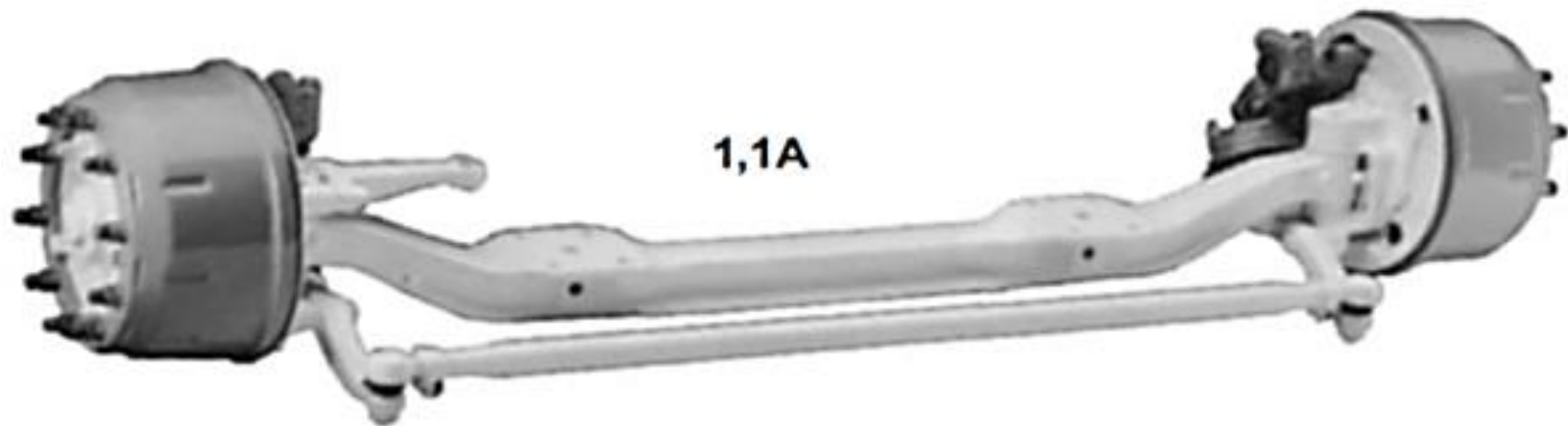
## FRONT AXLE & SUSPENSION

## CONTENTS

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## FRONT AXLE ASSEMBLY

Diagram No. 01



## FRONT AXLE ASSEMBLY

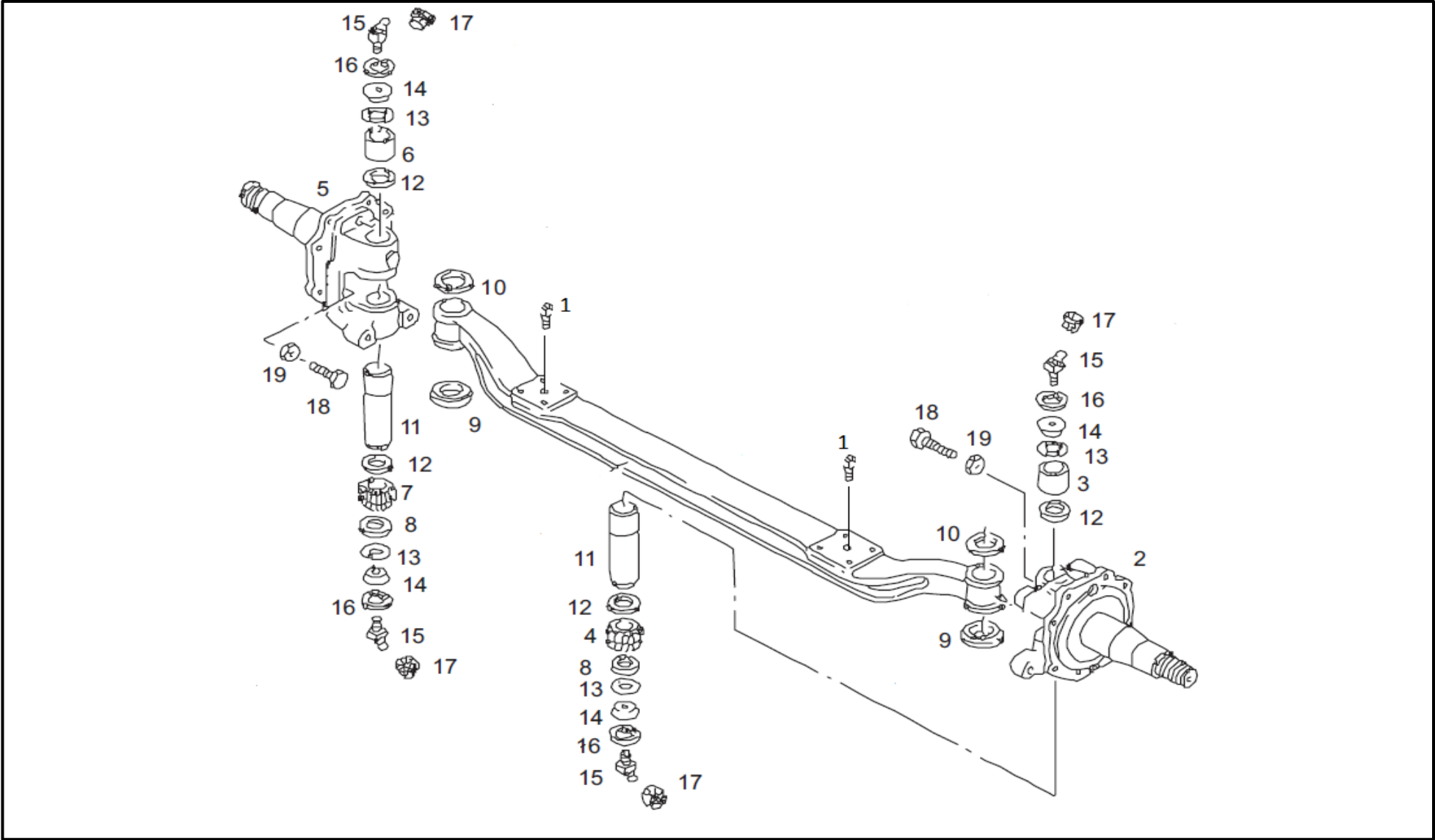
## Diagram No. 01

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.44000-6029	FRONT AXLE DULY PAINTED RHD NON ABS (DROP DOWN)	1	COMMON FOR ALL MODELS EXCEPT MINING TIPPERS & MODELS WITH ABS	W/O ABS. FOR VEHICLES BEFORE VIN NO : MBKMC5AK1FN014561
1	64.44000-6061	FRONT AXLE DULY PAINTED RHD NON ABS (DROP DOWN)	1	COMMON FOR ALL MODELS EXCEPT MINING TIPPERS & MODELS WITH ABS	W/O ABS. FOR VEHICLES FROM VIN NO : MBKMC5AK1FN014561
1	64.44000-6062	FRONT AXLE DULY PAINTED RHD WITH ABS (DROP DOWN)	1	COMMON FOR TIPPER WITH ABS & DROPDOWN AXLE	WITH ABS TIPPER & DDA FROM VIN : 15625
1	64.44000-6004	FRONT AXLE DULY PAINTED RHD W/O ABS-TPR (STRAIGHT)	1	COMMON FOR 25.280 MINING TIPPER APPLICATION ONLY	W/O ABS. FOR VEHICLES BEFORE VIN NO : MBKMC5AK1FN014561
1	64.44000-6063	FRONT AXLE DULY PAINTED RHD W/O ABS-TPR (STRAIGHT)	1	COMMON FOR 25.280 MINING TIPPER APPLICATION ONLY	W/O ABS. FOR VEHICLES FROM VIN NO : MBKMC5AK1FN014561
1	64.44000-6067	FRONT AXLE DULY PAINTED RHD WITH ABS-TPR (STRAIGHT)	1	COMMON FOR TIPPER WITH ABS & STRAIGHT AXLE EXCEPT 31.280 TP	WITH ABS TIPPER & STRAIGHT AXLE FROM VIN : 15625
1	64.44000-6021	FRT AXLE ASSY PAINT RHD W/O ABS (STRAIGHT)	1	COMMON FOR 31.280 MINING TIPPER W/O ABS ONLY	W/O ABS. FOR VEHICLES BEFORE VIN NO : MBKMC5AK1FN014561
1	64.44000-6064	FRONT AXLE ASSY DULY PAINTED RHD (STRAIGHT)	1	COMMON FOR 31.280 MINING TIPPER W/O ABS ONLY	W/O ABS. FOR VEHICLES FROM VIN NO : MBKMC5AK1FN014561
1	64.44000-6005	FRONT AXLE ASSY DULY PAINTED RHD ABS	1	COMMON FOR 49.280 TR , 40.280 TR , 40.220 TR & 25.220 HL ONLY	WITH ABS.FOR VEHICLES BEFORE VIN NO : MBKMC5AK1FN014561
1	64.44000-6062	FRONT AXLE ASSY DULY PAINTED RHD ABS	1	COMMON FOR 49.280 TR , 40.280 TR , 40.220 TR & 25.220 HL ONLY	WITH ABS.FOR VEHICLES FROM VIN NO : MBKMC5AK1FN014561
1	64.44000-6053	FRONTAXLE ASSY DULY PAINTED RHD ABS-DS42	1	COMMON FOR 49.220 LITE MODELS ONLY	WITH ABS
1	64.44000-6054	FRONT AXLE (31.220 W/O ABS)	1	COMMON FOR 31.220 LITE & 31.230 HL MODELS ONLY	W/O ABS
1	64.44000-6055	FRONT AXLE INTERMEDIATE(W/O ABS 31.220)	1	COMMON FOR 31.220 LITE & 31.230 HL MODELS ONLY	W/O ABS

1	64.44000-6068	INTERMEDIATE AXLE ASSY NON ABS - DS10	1	COMMON FOR 31.280 TP ONLY	W/O ABS
1	64.44000-6100	INTERMEDIATE AXLE ASSY ABS - DS10	1	COMMON FOR 31.280 TP ONLY	WITH ABS
1	64.44000-6039	FRONT AXLE ASSY (4X2) WITH ABS RHD	1	COMMON FOR BUS MODELS ONLY	
1	64.44000-6081	FRONT AXLE ASSY RHD ABS (VE)	1	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
1A	64.44101-5001	FRONT AXLE BEAM WITH KING PIN (DROP DOWN)	1	COMMON FOR ALL MODELS EXCEPT MINING TIPPERS	BRAKE & BRAKE DRUM NOT INCLUDED
1A	64.90020-0468	FRONT AXLE BEAM WITH KING PIN (STRAIGHT)	1	COMMON FOR MINING TIPPER APPLICATION ONLY	BRAKE & BRAKE DRUM NOT INCLUDED
1A	64.44101-6003	FRONT AXLE BEAM WITH KING PIN(PARABOLIC)	1	COMMON FOR (LITE MODELS) 49.220 TR , 31.220 HL & 31.230 HL ONLY	BRAKE & BRAKE DRUM NOT INCLUDED
1A	64.44101-6002	FRONT AXLE BEAM WITH KING PIN	1	COMMON FOR BUS MODELS ONLY	BRAKE & BRAKE DRUM NOT INCLUDED
1A	64.44101-6004	FRONT AXLE BEAM WITH KING PIN	1	FOR 25.220 ON ROAD TP ONLY & VALID FROM VIN : 16858	BRAKE & BRAKE DRUM NOT INCLUDED
1B	64.44101-0001	FRONT AXLE BEAM M/CED (DROP DOWN)	1	COMMON FOR ALL MODELS EXCEPT MINING TIPPERS , 49.220 TR , 31.220 HL & 31.230 HL	
1B	64.44101-0002	FRONT AXLE BEAM (STRAIGHT)	1	COMMON FOR MINING TIPPER APPLICATION ONLY	
1B	64.44101-0005	FRONT AXLE BEAM M/CED	1	COMMON FOR (LITE MODELS) 49.220 TR , 31.220 HL & 31.230 HL ONLY	
1B	64.44101-0004	FRONT AXLE BEAM M/CED	1	COMMON FOR BUS MODELS ONLY	
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FRONT AXLE WITH STEERING KNUCKLE

Diagram No. 02



**FRONT AXLE WITH STEERING KNUCKLE****Diagram No. 02**

<b>S R</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>APPLICABLE MODEL</b>	<b>REMARKS</b>
1	64.91001-0019	DOWEL PIN DIA 18X26 DIN 1652	2	COMMON FOR ALL MODELS	
2	64.44201-0001	STEERING KNUCKLE LH	1	COMMON FOR ALL MODELS	
3	81.93404-0065	NEEDLE BUSH	2	COMMON FOR ALL MODELS	
4	06.33719-0101	NEEDLE SLEEVE	1	COMMON FOR ALL MODELS	
5	64.44201-0002	STEERING KNUCKLE RH	1	COMMON FOR ALL MODELS	
6	81.93404-0065	NEEDLE BUSH	2	COMMON FOR ALL MODELS	
7	06.33719-0101	NEEDLE SLEEVE	1	COMMON FOR ALL MODELS	
8	64.96501-0007	WASHER	2	COMMON FOR ALL MODELS	
9	NSSP	THRUST WASHER	2	COMMON FOR ALL MODELS	INCLUDED IN SR No 3 & 6
10	64.90714-0001	SHIM 1.8	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0002	SHIM 1.9	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0003	SHIM 2.0	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0004	SHIM 2.1	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0005	SHIM 2.2	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0006	SHIM 2.3	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0007	SHIM 2.4	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0008	SHIM 2.5	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0009	SHIM 2.6	As reqd	COMMON FOR ALL MODELS	
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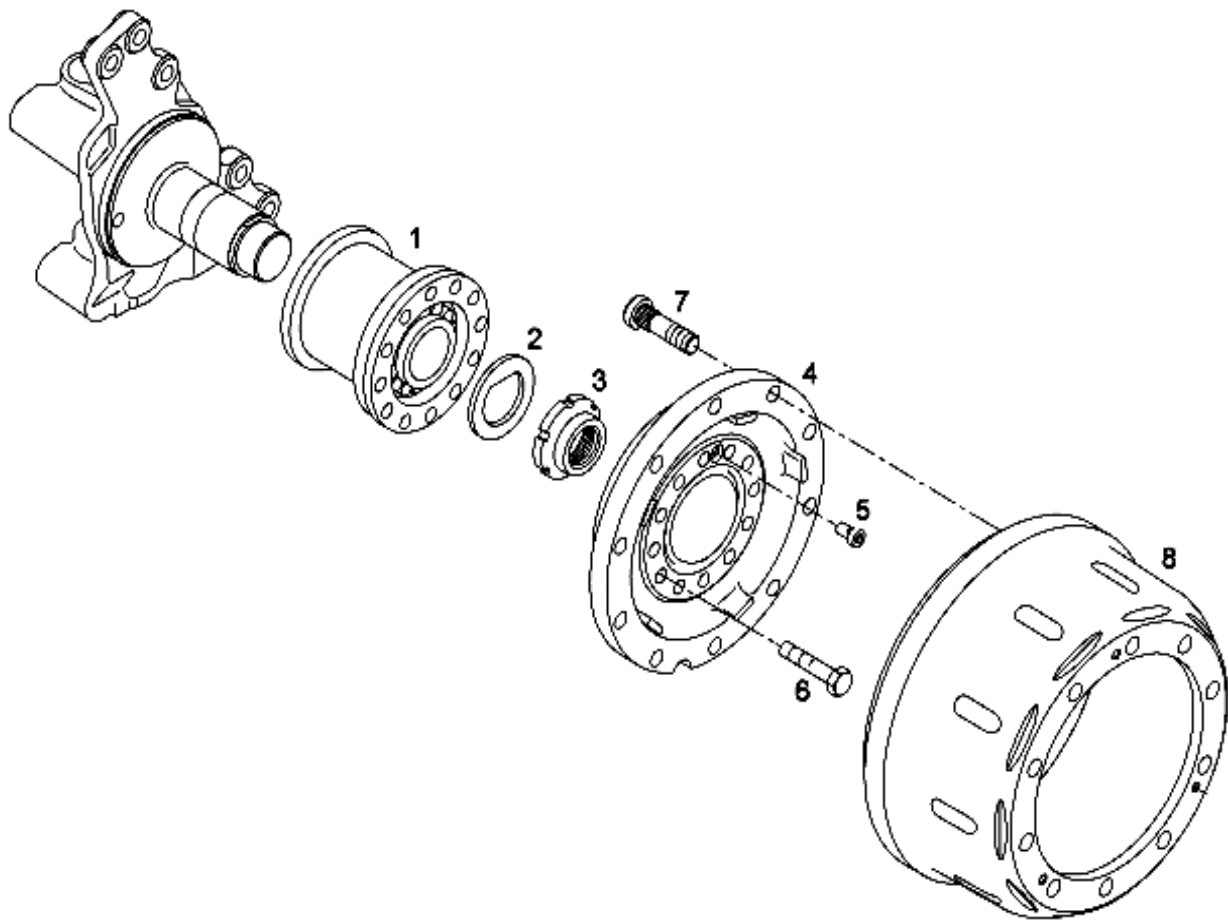


**FRONT AXLE WITH STEERING KNUCKLE****Diagram No. 02**

<b>S R</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>APPLICABLE MODEL</b>	<b>REMARKS</b>
10	64.90714-0010	SHIM S=1.5	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0011	SHIM S=1.6	As reqd	COMMON FOR ALL MODELS	
10	64.90714-0012	SHIM S=1.7	As reqd	COMMON FOR ALL MODELS	
11	64.44205-0001	KING PIN	2	COMMON FOR ALL MODELS	
12	64.98181-0002	CLAMPING RING	4	COMMON FOR ALL MODELS	
13	64.96503-0011	O RING DIA. 62X3 MAN-302 NBR 3-70	4	COMMON FOR ALL MODELS	
14	64.96501-0007	WASHER	2	COMMON FOR ALL MODELS	
15	64.98131-0009	GREASE NIPPLE A M8X1	4	COMMON FOR ALL MODELS	
16	64.90820-0012	INT CIRCLIP 68X2.5N DIN 472 BTS170102.10	4	COMMON FOR ALL MODELS	
17	64.91605-0002	PROTECTIVE CAP	4	COMMON FOR ALL MODELS	
18	64.90490-0009	SCREW	2	COMMON FOR ALL MODELS	
19	64.90501-0029	HEX NUT M16X1.5 DIN 934-8 A3C	2	COMMON FOR ALL MODELS	
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**BRAKE DRUM HUB BEARING**

**Diagram No. 03**

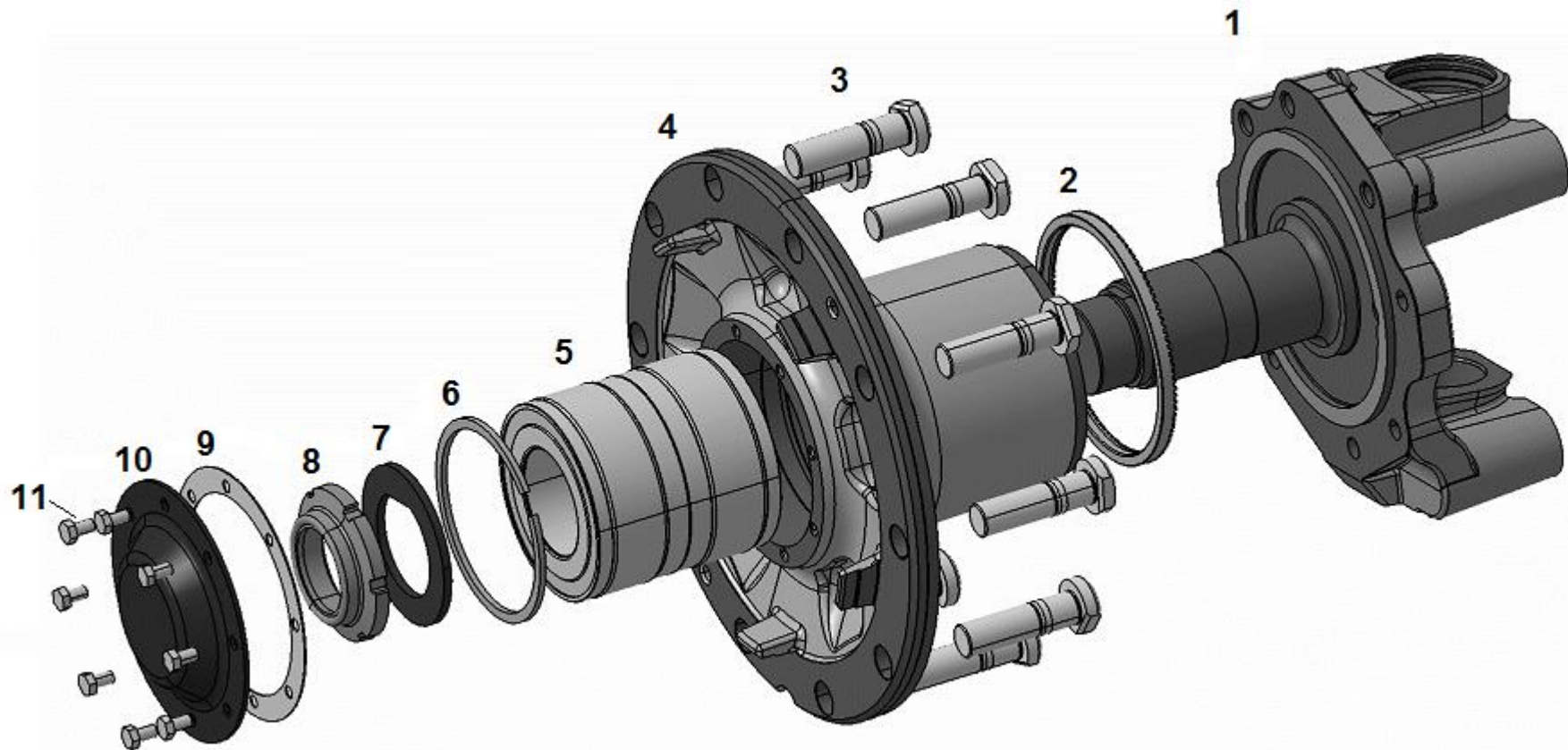


**BRAKE DRUM HUB BEARING****Diagram No. 03**

<b>S R</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>APPLICABLE MODEL</b>	<b>REMARKS</b>
1	81.93420-0349	HUB UNIT (SKF)	2	COMMON FOR ALL MODELS	
2	64.44215-0001	THRUST WASHER	2	COMMON FOR ALL MODELS	
3	81.90620-0086	LOCK RING	2	COMMON FOR ALL MODELS	
4	64.44301-0001	FRONT WHEEL FLANGE (MACHINING)	2	COMMON FOR ALL MODELS	
5	64.90490-0015	ALLEN SCREW DIN-6912 M12X1.5X25-8.8 A3C	4	COMMON FOR ALL MODELS	
6	06.01902-3413	SCREW BM18X1.5X60-10.9-PHR DIN34800	24	COMMON FOR ALL MODELS	
7	64.45501-0017	WHEEL BOLT M22X2.5X79.5	20	COMMON FOR ALL MODELS	
7	64.45503-0006	WHEEL NUT M22X2.5	20	COMMON FOR ALL MODELS	SUPERCEDED BY 64.45503-0007
8	64.50110-0001	BRAKE DRUM FRONT M/CED	2	COMMON FOR ALL MODELS	
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## BRAKE DRUM HUB BEARING (LH & RH)

Diagram No. 04

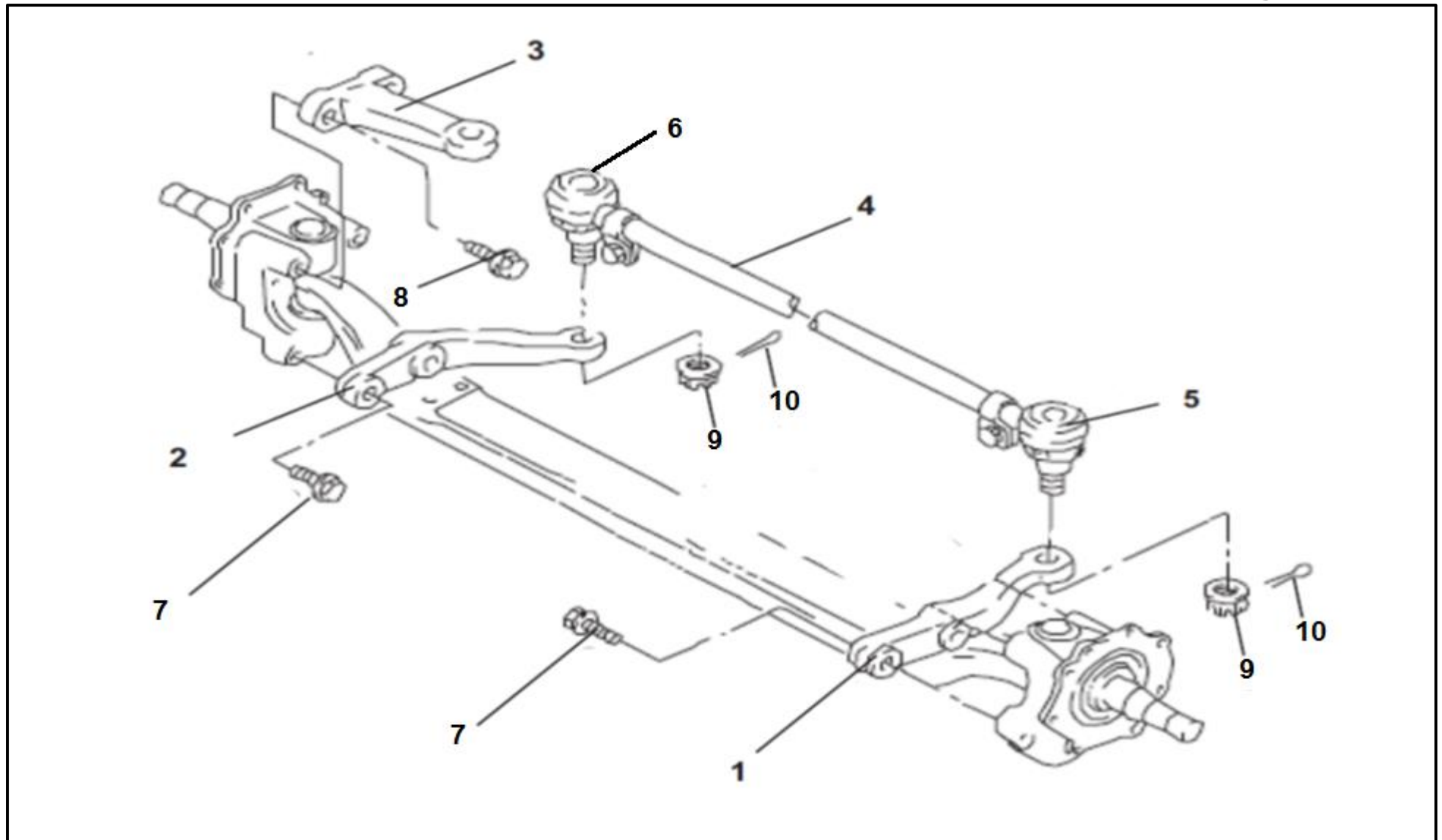


**BRAKE DRUM HUB BEARING (LH & RH)****Diagram No. 04**

<b>S R</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>APPLICABLE MODEL</b>	<b>REMARKS</b>
1	64.44201-4005	STEERING KNUCKLE ASSY LH	1	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
1	64.44201-4006	STEERING KNUCKLE ASSY RH	1	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
2	64.52403-0009	PULSE WHEEL FOR ABS (IP RINGS)	2	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
3	64.45501-0017	WHEEL BOLT M22X2.5X79.5	20	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
3	64.45503-0007	WHEEL NUT M22X2.5	20	COMMON FOR ALL MODELS	
4	64.44301-0004	FRONT WHEEL HUB (M/C)	2	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
5	64.93420-0102	TAPER ROLLER BEARING	2	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
6	64.90810-0110	INTERNAL CIRCLIP 130X4 - DIN 472	2	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
7	64.44215-0001	THRUST WASHER	2	COMMON FOR ALL MODELS	
8	81.90620-0086	LOCK RING	2	COMMON FOR ALL MODELS	
9	64.96601-0094	GASKET (133X165) 8 HOLES	2	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
10	64.44312-0010	HUB CAP	2	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
11	64.90020-0037	HEX. SCREW M8X14 ISO 4017-8.8 A3C	16	FOR 25.220 ON ROAD TP ONLY	VALID FROM VIN : 16858
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## TIE ROD DRAG ARM

Diagram No. 05



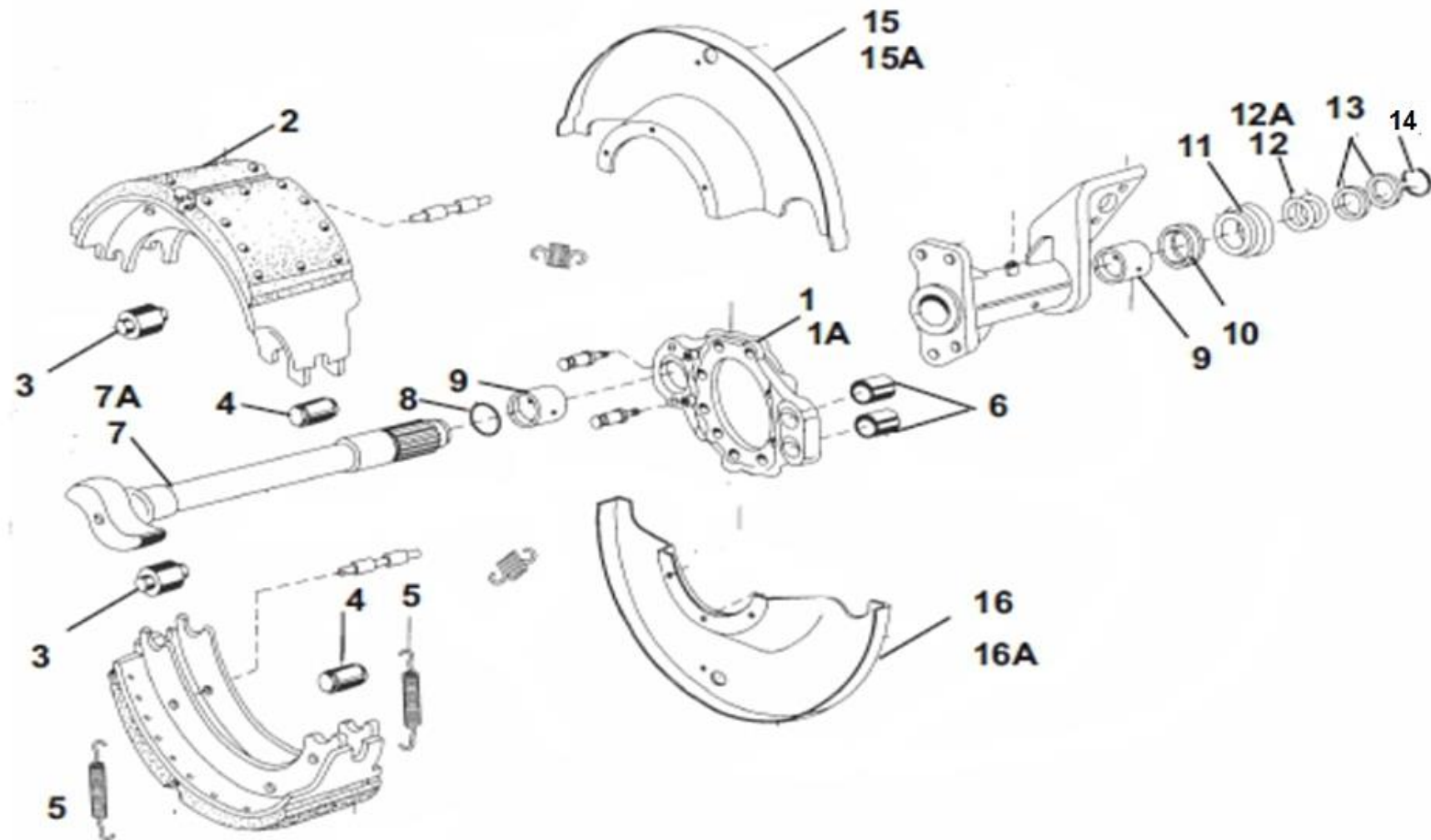
## TIE ROD DRAG ARM

**Diagram No. 05**

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.46701-0002	STEERING LEVER LH	1	COMMON FOR ALL MODELS	
2	64.46701-0001	STEERING LEVER RH	1	COMMON FOR ALL MODELS	
3	64.46705-0001	STEERING ARM RH- MACHINED FOR RHD	1	COMMON FOR ALL MODELS	
4	64.46711-0001	TIE ROD ASSEMBLY	1	COMMON FOR ALL MODELS EXCEPT MINING TIPPERS	FOR DROP DOWN AXLE ONLY
4	64.46711-0004	TIE ROD ASSEMBLY	1	COMMON FOR MINING TIPPERS ONLY	FOR STRAIGHT AXLE ONLY
5	64.95301-6001	BALL JOINT	2	COMMON FOR ALL MODELS EXCEPT MINING TIPPERS	FOR DROP DOWN AXLE ONLY
5	64.95301-6004	BALL JOINT LH	1	COMMON FOR MINING TIPPERS ONLY	FOR STRAIGHT AXLE ONLY
6	64.95301-6005	BALL JOINT RH	1	COMMON FOR MINING TIPPERS ONLY	FOR STRAIGHT AXLE ONLY
7	64.90490-0010	SOCKET HEAD BOLT (FOR STRG. LEVER MTG)	4	COMMON FOR ALL MODELS	
8	64.90490-0011	SOCKET HEAD BOLT (FOR STRG. ARM MTG)	2	COMMON FOR ALL MODELS	
9	81.90620-0086	CASTLE NUT	2	COMMON FOR ALL MODELS	
10	64.91029-0009	SPLIT PIN	2	COMMON FOR ALL MODELS	
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## FRONT BRAKE ASSY

Diagram No. 06





## FRONT BRAKE ASSY

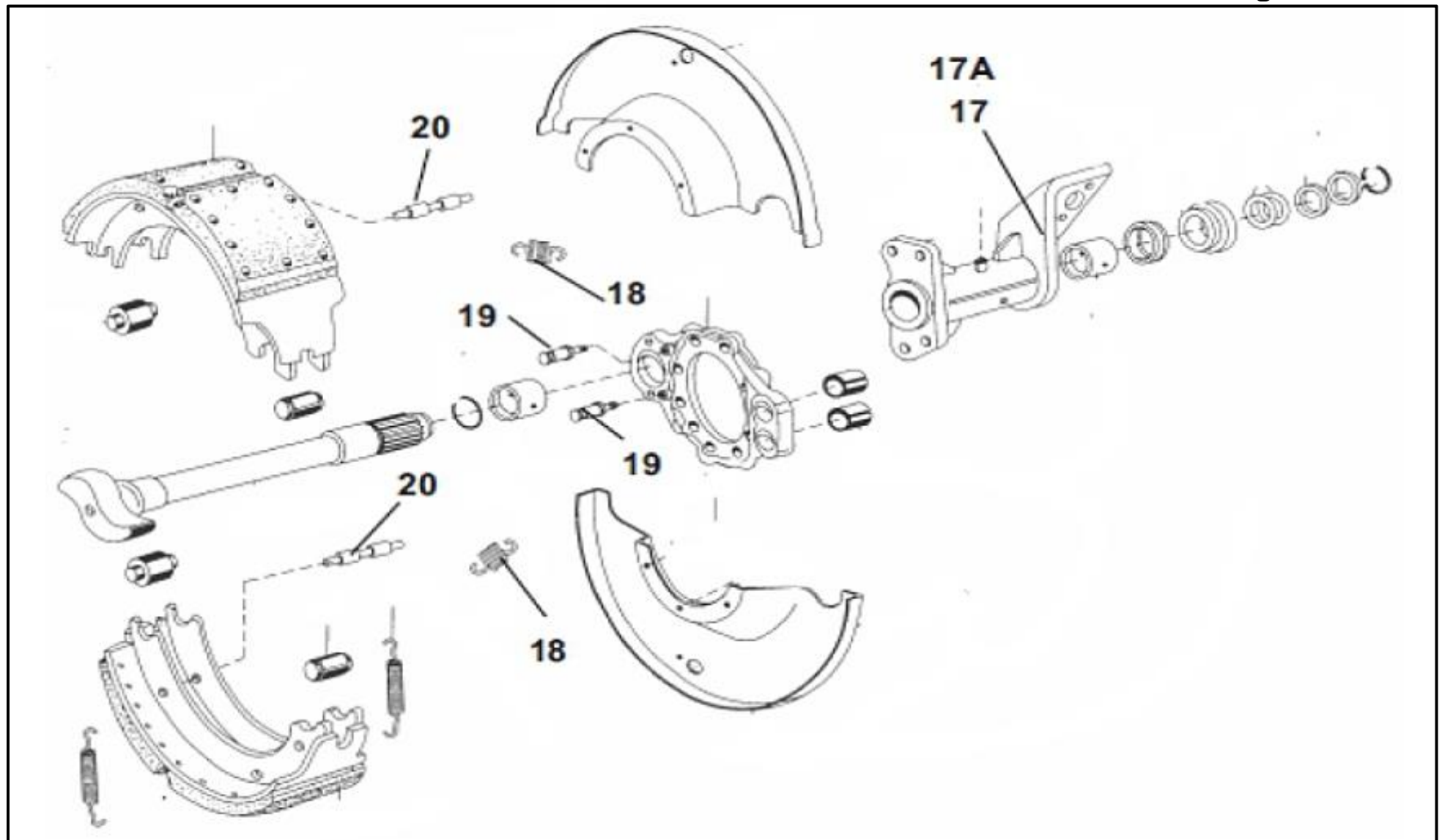
## Diagram No. 06

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
A	64.50200-6001	FRONT BRAKE ASSEMBLY LH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES BEFORE VIN: 14561
A	64.50200-6003	FRONT BRAKE ASSEMBLY RH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES BEFORE VIN: 14561
A	64.50200-6035	BRAKE ASSEMBLY FRONT LH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES AFTER VIN: 14561
A	64.50200-6036	BRAKE ASSEMBLY FRONT RH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES AFTER VIN: 14561
A	64.50200-6025	BRAKE ASSY FRONT LH (ASBESTOSFREE)	1	COMMON FOR BUS MODELS ONLY	
A	64.50200-6026	BRAKE ASSY FRONT RH (ASBESTOSFREE)	1	COMMON FOR BUS MODELS ONLY	
1	64.50202-0003	TORQUE PLATE LH	1	COMMON FOR ALL MODELS EXCEPT BUS	
1A	64.50202-0004	TORQUE PLATE RH	1	COMMON FOR ALL MODELS EXCEPT BUS	
2	64.50200-7002	LINED SHOE ASSEMBLY	4	COMMON FOR ALL MODELS EXCEPT BUS	
2	64.50200-7005	BRAKE SHOE ASSY COMPLETE	4	COMMON FOR BUS MODELS ONLY	
2	64.50221-7001	KIT FRONT BRAKE LINING (STD)	1	COMMON FOR ALL MODELS EXCEPT BUS	
2	64.50221-7002	KIT FRONT BRAKE LINING (1ST O/S)	1	COMMON FOR ALL MODELS EXCEPT BUS	
2	64.50221-7009	KIT LINING SET STD-DON LINER	1	COMMON FOR BUS MODELS ONLY	
2	64.50221-7010	KIT LINING SET-I O/S-DON LINER	1	COMMON FOR BUS MODELS ONLY	
3	64.50213-6002	ROLLER	4	COMMON FOR ALL MODELS	
4	64.50211-0003	FULCRUM PIN	4	COMMON FOR ALL MODELS	
5	64.97610-0006	SPRING ABUTMENT END	4	COMMON FOR ALL MODELS	

6	64.93021-0018	FULCRUM BUSH	4	COMMON FOR ALL MODELS	
7	64.50301-0005	CAMSHAFT LH	1	COMMON FOR ALL MODELS	FOR VEHICLES BEFORE VIN: 14561
7A	64.50301-0006	CAMSHAFT RH	1	COMMON FOR ALL MODELS	FOR VEHICLES BEFORE VIN: 14561
7	64.50301-0013	CAMSHAFT LH	1	COMMON FOR ALL MODELS	FOR VEHICLES AFTER VIN: 14561
7A	64.50301-0014	CAMSHAFT RH	1	COMMON FOR ALL MODELS	FOR VEHICLES AFTER VIN: 14561
8	64.96101-0002	O RING	2	COMMON FOR ALL MODELS	
9	64.93021-0017	BUSH	4	COMMON FOR ALL MODELS	
10	64.96101-0003	OIL SEAL	2	COMMON FOR ALL MODELS	
11	64.93021-0019	SLEEVE DELRIN	2	COMMON FOR ALL MODELS	
12	64.90711-0030	SHIM - 0.5 MM	2	COMMON FOR ALL MODELS	
12A	64.90711-0029	SHIM - 1 MM	4	COMMON FOR ALL MODELS	
13	64.90770-0129	WASHER	2	COMMON FOR ALL MODELS	
14	64.90810-0091	CIRCLIP	2	COMMON FOR ALL MODELS	
15	64.50101-5008	SHIELD ASSEMBLY LH BOTTOM	1	COMMON FOR ALL MODELS	INCLUDING GROMMET
15A	64.50101-5010	SHIELD ASSEMBLY RH BOTTOM	1	COMMON FOR ALL MODELS	INCLUDING GROMMET
16	64.50101-5009	SHIELD ASSEMBLY LH TOP	1	COMMON FOR ALL MODELS	INCLUDING GROMMET
16A	64.50101-5011	SHIELD ASSEMBLY RH TOP	1	COMMON FOR ALL MODELS	INCLUDING GROMMET
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## FRONT BRAKE ASSY.

Diagram No. 07

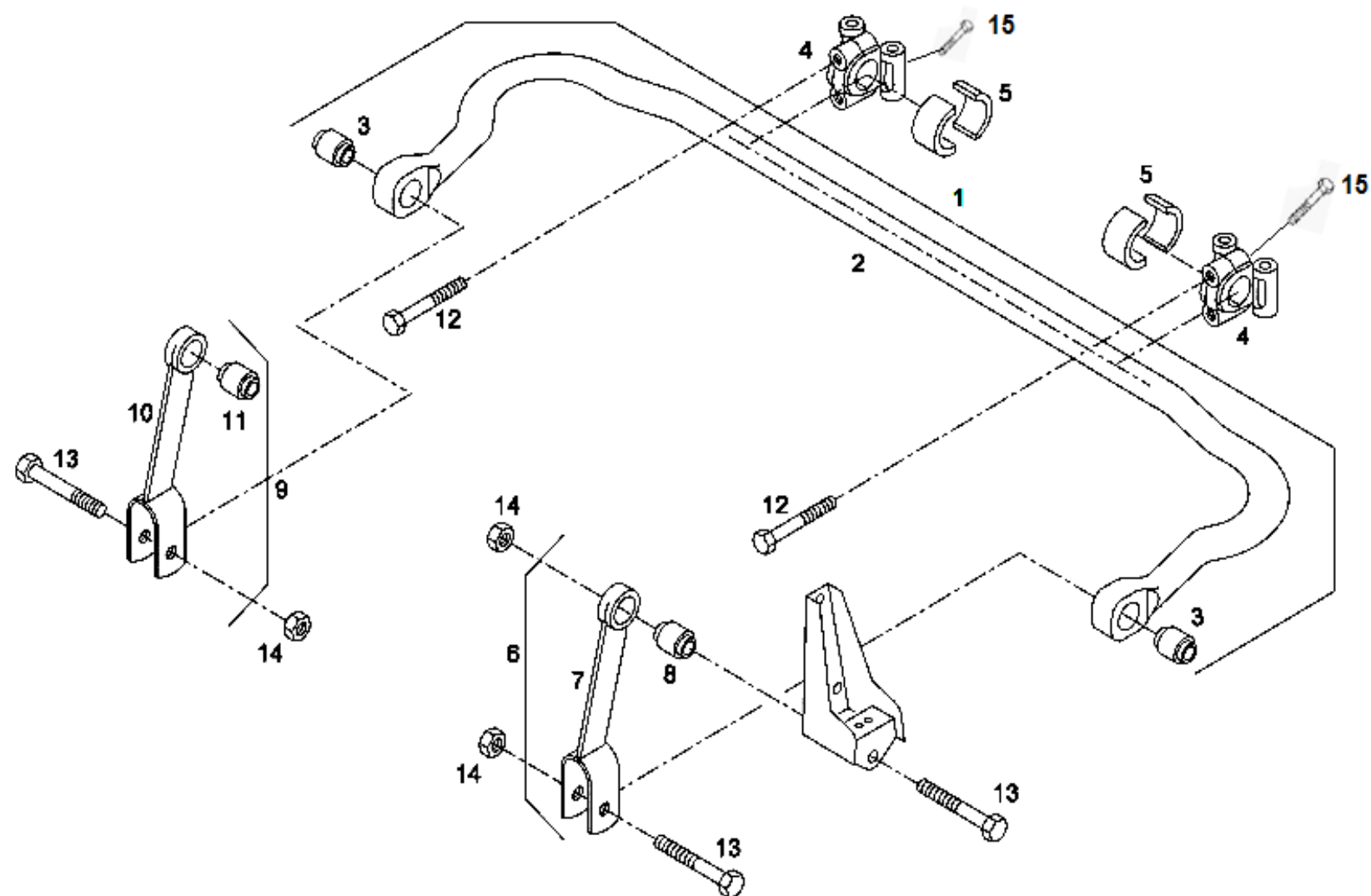


**FRONT BRAKE ASSY.****Diagram No. 07**

<b>S R</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>APPLICABLE MODEL</b>	<b>REMARKS</b>
17	64.50202-6004	FLANGE TUBE AND BRACKET LH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES BEFORE VIN: 14561
17A	64.50202-6005	FLANGE TUBE AND BRACKET RH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES BEFORE VIN: 14561
17	64.50202-6013	FLANGE TUBE AND BRACKET ASSEMBLY LH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES AFTER VIN: 14561
17A	64.50202-6014	FLANGE TUBE AND BRACKET ASSEMBLY RH	1	COMMON FOR ALL MODELS EXCEPT BUS	FOR VEHICLES AFTER VIN: 14561
17	64.50202-6009	TUBE, FLANGE & BBKT ASSY LH	1	COMMON FOR BUS MODELS ONLY	
17A	64.50202-6010	TUBE, FLANGE & BBKT ASSY RH	1	COMMON FOR BUS MODELS ONLY	
18	64.97610-0007	SPRING	4	COMMON FOR ALL MODELS	
19	64.97610-0008	SPRING PIN	4	COMMON FOR ALL MODELS	
20	64.50211-0004	ANCHOR PIN	4	COMMON FOR ALL MODELS	
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## STABILIZER BAR

Diagram No. 08



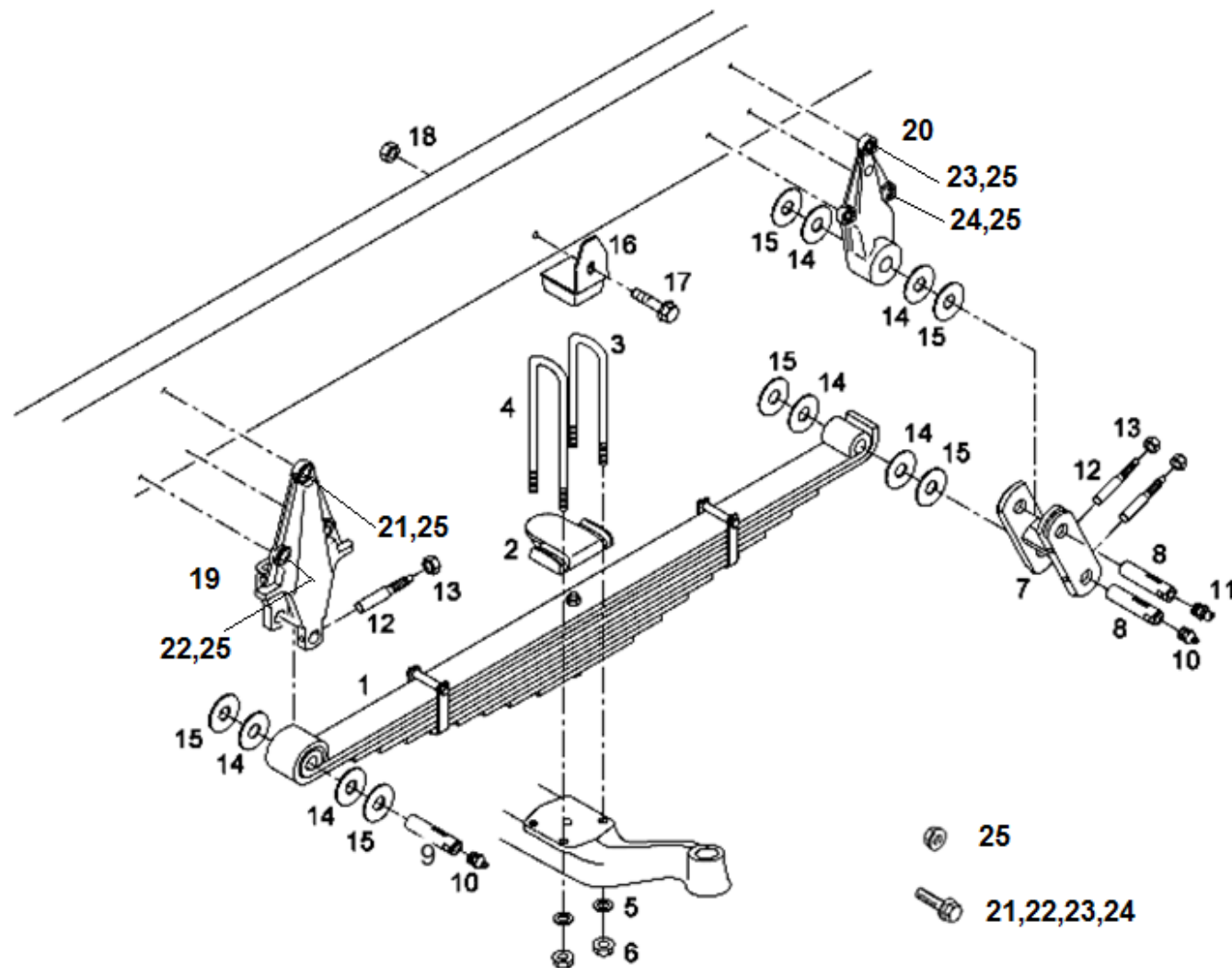
## STABILIZER BAR

## Diagram No. 08

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.43715-6001	STABILIZER ASSY FRONT	1	COMMON FOR TIPPER ,RMC & BUS ONLY	
2	64.43715-0001	ANTI ROLL BAR	1	COMMON FOR TIPPER ,RMC & BUS ONLY	
3	81.43722-0059	SLOTTED BUSH	2	COMMON FOR TIPPER ,RMC & BUS ONLY	
4	64.41701-5005	ANTI ROLL BAR MTG BKT FRONT & REAR ASSLY	2	COMMON FOR TIPPER ,RMC & BUS ONLY	
5	64.43704-0001	DOUBLE BUSH	4	COMMON FOR TIPPER ,RMC & BUS ONLY	
6	64.43718-6001	ARM ASSLY LH WITH BUSH	1	COMMON FOR TIPPER ,RMC & BUS ONLY	
7	64.43718-5001	ARM ASSLY LH (FOR ANTI ROLL BAR MTG BKT)	1	COMMON FOR TIPPER ,RMC & BUS ONLY	
8	81.43722-0059	SLOTTED BUSH	2	COMMON FOR TIPPER ,RMC & BUS ONLY	64.96210-0005 ALTERNATE
9	64.43718-6002	ARM ASSLY RH WITH BUSH	1	COMMON FOR RMC , BUS & TIPPER EXCEPT 31.280 TP,	
9	64.43718-6004	ARM ASSLY RH WITH BUSH	2	FOR 31.280 TP ONLY	
10	64.43718-5003	ARM ASSLY RH (FOR ANTI ROLL BAR MTG BKT)	1	COMMON FOR RMC , BUS & TIPPER EXCEPT 31.280 TP,	
10	64.43718-5007	ARM ASSLY RH (FOR ANTI ROLL BAR MTG BKT)	1	FOR 31.280 TP ONLY	
11	81.43722-0059	SLOTTED BUSH	2	COMMON FOR TIPPER ,RMC & BUS ONLY	64.96210-0005 ALTERNATE
12	64.90020-0011	SCREW M14X1.5X65-10.9, M701204 -MAN183B1	4	COMMON FOR TIPPER ,RMC & BUS ONLY	
13	64.90020-0327	SCREW M16X1.5X80-10.9 MAN183-B1 M701204	4	COMMON FOR TIPPER ,RMC & BUS ONLY	
14	64.90501-0030	NUT M16X1.5-10 , M7.112.40-MAN183B1	4	COMMON FOR TIPPER ,RMC & BUS ONLY	
15	64.90020-0047	BOLT M20X1.5X95 , DIN960-10.9, A3C	4	COMMON FOR TIPPER ,RMC & BUS ONLY	
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# FRONT LEAF SPRING MOUNTING

Diagram No. 09



## FRONT LEAF SPRING MOUNTING

## Diagram No. 09

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.43402-0007	LEAF SPRING ASSLY. (FRONT)	2	COMMON FOR ALL MODELS EXCEPT 31.28 TP & RMC ,49.220,31.220 LITE , 31.230 HL & BUS MODELS	
1	64.43402-0016	LEAF SPRING ASSY FRONT	4	FOR 31.280 TP & 31.280 RMC ONLY	
2	64.41335-0001	SPACER ABOVE LEAF SPRING	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
3	64.41312-0002	REAR SPRING 'U' BOLT -( FRONT)	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
4	64.41312-0100	FRONT SPRING 'U' BOLT( FRONT)	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
5	64.90710-0061	PLAIN WASHER A19 DIN125-ST PHR	8	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
6	64.90501-0027	NUT AM18x2-10 M7.112.60- A3C	8	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
7	64.41303-0005	SHACKLE FOR FRONT (MACHINING)	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
8	64.94099-0003	PIN-6 (SUSPENSION)	4	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
9	64.94099-0002	PIN-5 (FRONT SUSPENSION)	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
10	64.98131-0003	GREASE NIPPLE STRAIGHT	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
11	64.98131-0004	GREASE NIPPLE 45 DEG.	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	

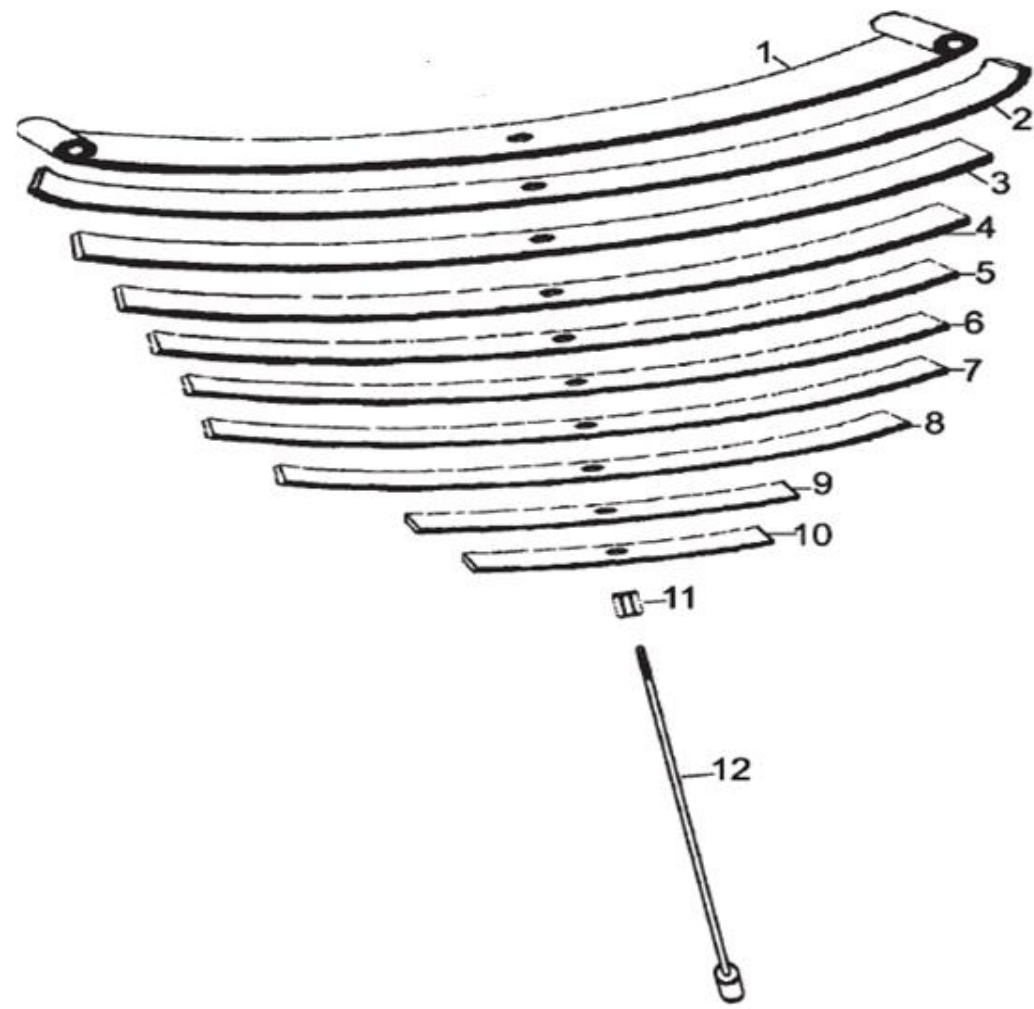


12	64.94099-0001	LOCKING PIN (REAR SUSPENSION)	6	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
13	64.90501-0019	NUT AM10X1.5-10 , M7.112.60-MAN183B1	6	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
14	64.97470-0015	SPACER 30.2X66X1	12	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
15	64.97470-0002	SPACER 30.2X66X2	12	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
16	64.96210-0004	SUSPENSION RUBBER STOPPER	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
17	64.90020-0005	SCREW M14X1.5X35-10.9, M701204 -MAN183B1	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
18	64.90501-0011	NUT M14X1.5-10 , M7.112.40-MAN183B1	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
19	64.41301-0002	FRONT SPRING BKT FRONT MACHINED	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
20	64.41307-6001	FRONT SPRING REAR BKT ASSLY	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
21	64.90020-0006	SCREW M14X1.5X40-10.9, M701204 -MAN183B1	4	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
22	64.90020-0007	SCREW M14X1.5X45-10.9, M701204 -MAN183B1	6	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
23	64.90020-0200	BOLT M14X1.5X75-10.9 M7.012.04 MAN183-B1	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
24	64.90020-0010	SCREW M14X1.5X60-10.9, M701204 -MAN183B1	4	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	

25	64.90501-0011	NUT M14X1.5-10 , M7.112.40-MAN183B1	10	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	FOR SR NO 19
25	64.90501-0011	NUT M14X1.5-10 , M7.112.40-MAN183B1	6	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	FOR SR NO 20
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FRONT LEAF SPRING ASSEMBLY

Diagram No. 10



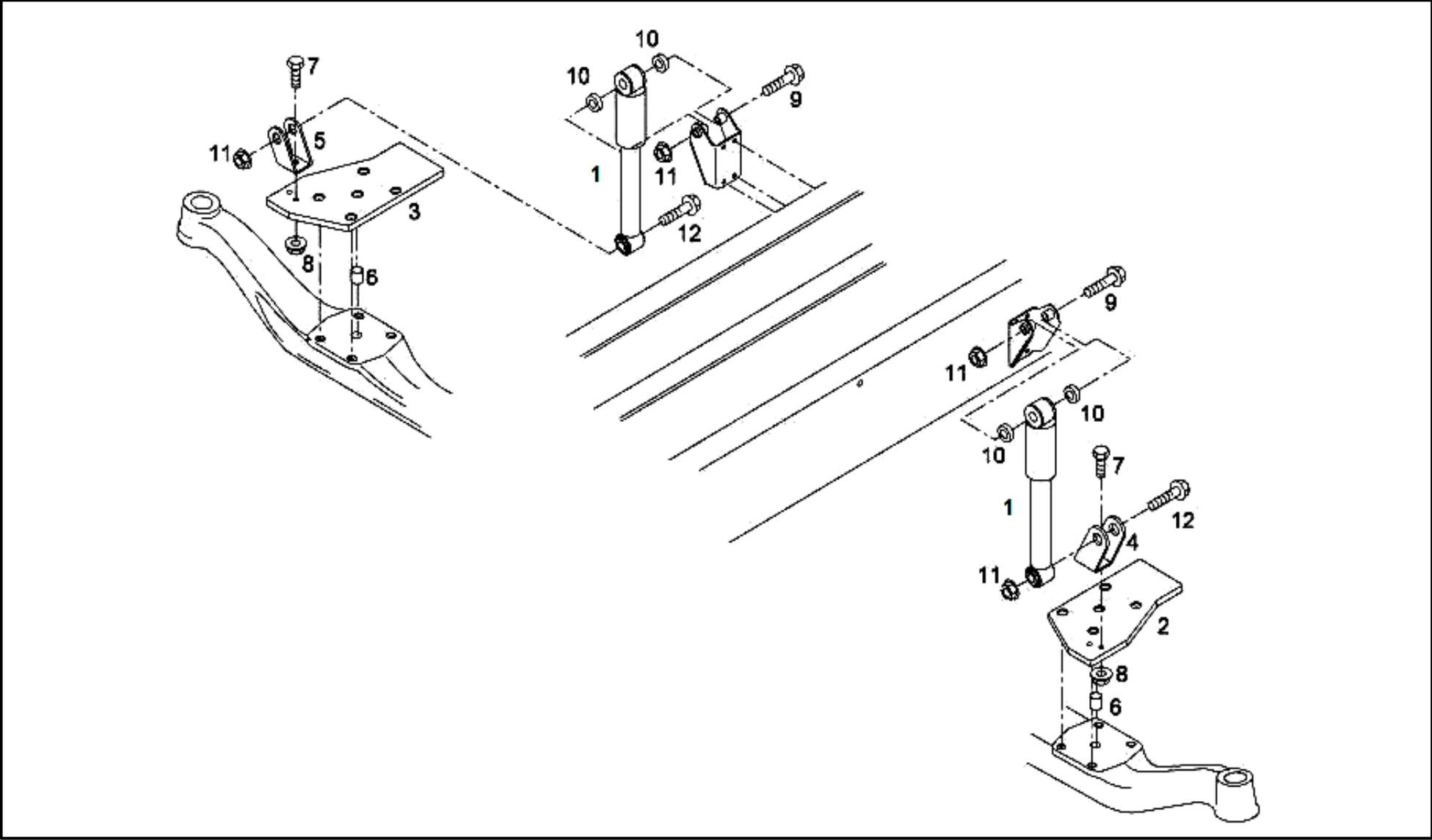
## FRONT LEAF SPRING ASSEMBLY

Diagram No. 10

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.43490-0001	LEAF SPRING 1	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
2	64.43491-0001	LEAF SPRING 2	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
3	64.43492-0001	LEAF SPRING 3	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
4	64.43494-0001	LEAF SPRING 4	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
5	64.43494-0002	LEAF SPRING 5	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
6	64.43494-0003	LEAF SPRING 6	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
7	64.43494-0004	LEAF SPRING 7	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
8	64.43494-0005	LEAF SPRING 8	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
9	64.43494-0006	LEAF SPRING 9	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
10	64.43494-0007	LEAF SPRING 10	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
11	64.90990-0404	CENTER BOLT NUT	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
12	64.90490-0078	CENTER BOLT	2	COMMON FOR ALL MODELS EXCEPT 49.220,31.220 LITE , 31.230 HL & BUS MODELS	
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**FRONT SHOCK ABSORBER & MOUNTING**

**Diagram No. 11**



## FRONT SHOCK ABSORBER & MOUNTING

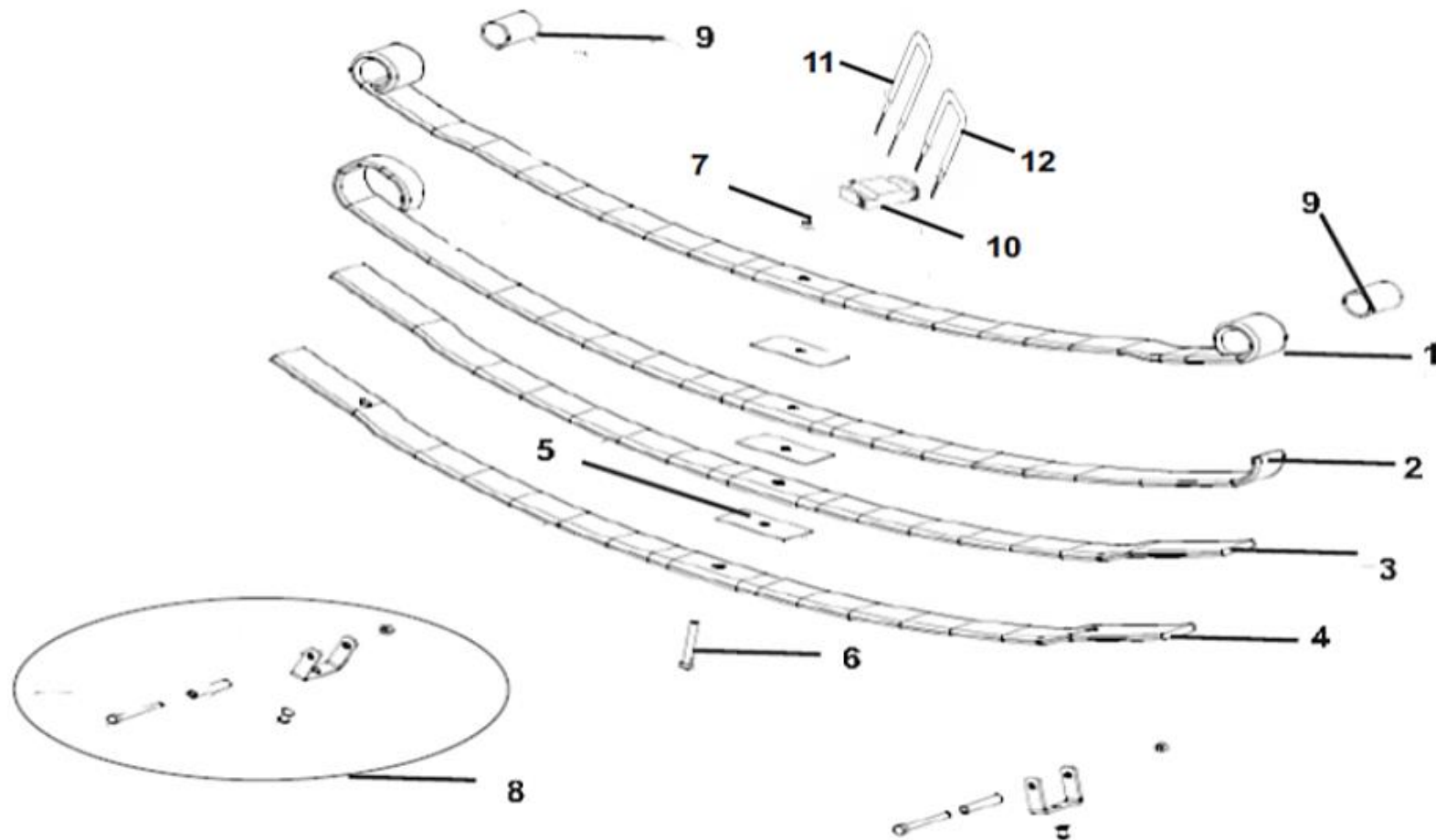
## Diagram No. 11

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.43701-6001	FRONT SHOCK ABSORBER (H.D)	2	COMMON FOR ALL MODELS	
2	64.97470-0094	S.A MTG PLATE FRONT SUSP. 25MM LH (M/C)	1	COMMON FOR MINING TIPPERS ,RMC,49.280,40.220 & 40.280 MODELS	USED IN VEHICLES BEFORE VIN NO : MBKME5GG4FN013904
3	64.97470-0095	S.A MTG PLATE FRONT SUSP. 25MM RH (M/C)	1	COMMON FOR MINING TIPPERS ,RMC,49.280,40.220 & 40.280 MODELS	USED IN VEHICLES BEFORE VIN NO : MBKME5GG4FN013904
2	64.97470-0099	SHOCK ABSORBER MTG PLATE LH M/CED 25MM T	1	COMMON FOR LITE MODELS	USED IN LITE MODELS BEFORE VIN NO : MBKMC5AT7EN013146
3	64.97470-0100	SHOCK ABSORBER MTG PLATE RH M/CED 25MM T	1	COMMON FOR LITE MODELS	USED IN LITE MODELS BEFORE VIN NO : MBKMC5AT7EN013146
2	64.97470-0101	SHOCK ABSORBER MTG PLATE LH M/CED 45MM	1	COMMON FOR LITE MODELS	USED IN LITE MODELS AFTER VIN NO : MBKMC5AT7EN013146
3	64.97470-0102	SHOCK ABSORBER MTG PLATE RH M/CED 45MM T	1	COMMON FOR LITE MODELS	USED IN LITE MODELS AFTER VIN NO : MBKMC5AT7EN013146
2	64.97470-0088	S.A MTG PLATE FRONT SUSP. LH	1	COMMON FOR DS04,DS07,DS22,DS15,DS35,DS29,DS09,DS05,DS03,DS27,DS27,D S24,DS23,DS13,DS12,DS02,DS12, DS26,DS11	USED IN VEHICLES AFTER VIN NO : MBKME5GG4FN013904
3	64.97470-0089	S.A MTG PLATE FRONT SUSP. RH	1	COMMON FOR DS04,DS07,DS22,DS15,DS35,DS29,DS09,DS05,DS03,DS27,DS27,D S24,DS23,DS13,DS12,DS02,DS12, DS26,DS11	USED IN VEHICLES AFTER VIN NO : MBKME5GG4FN013904
4	64.41701-0014	SHOCK ABSORBER MTG BKT (BOTTOM) LH	1	COMMON FOR ALL MODELS	
5	64.41701-0013	SHOCK ABSORBER MTG BKT (BOTTOM) RH	1	COMMON FOR ALL MODELS EXCEPT 8X2 & 8X4 MODELS.	NOT TO BE USED FOR 8X2 & 8X4 MODELS.
5	64.41701-0105	SHOCK ABSORBER MTG BKT RH	1	COMMON FOR 8X2 & 8X4 MODELS ONLY.	

6	64.91001-0019	DOWEL PIN DIA 18X26 DIN 1652	2	COMMON FOR ALL MODELS	
7	64.90020-0031	SCREW M10X1.5X35-10.9 M7.012.04 MAN183B1	4	COMMON FOR ALL MODELS	
8	64.90501-0017	NUT M10X1.5-10 , M7.112.40-MAN183B1	4	COMMON FOR ALL MODELS	
9	64.90020-1001	SCREW M20X1.5X125,DIN960-10.9,A3C	2	COMMON FOR ALL MODELS	
10	64.97470-0003	SPACER (SHOCK ABSORBER)	4	COMMON FOR ALL MODELS	
11	64.90501-0020	NUT AM20X1.5-8, M7.112.60 , MAN183-B1	4	COMMON FOR ALL MODELS	
12	64.90020-0047	BOLT M20X1.5X95 , DIN960-10.9, A3C	2	COMMON FOR ALL MODELS	
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## PARABOLIC LEAF SPRING ASSEMBLY

Diagram No. 12





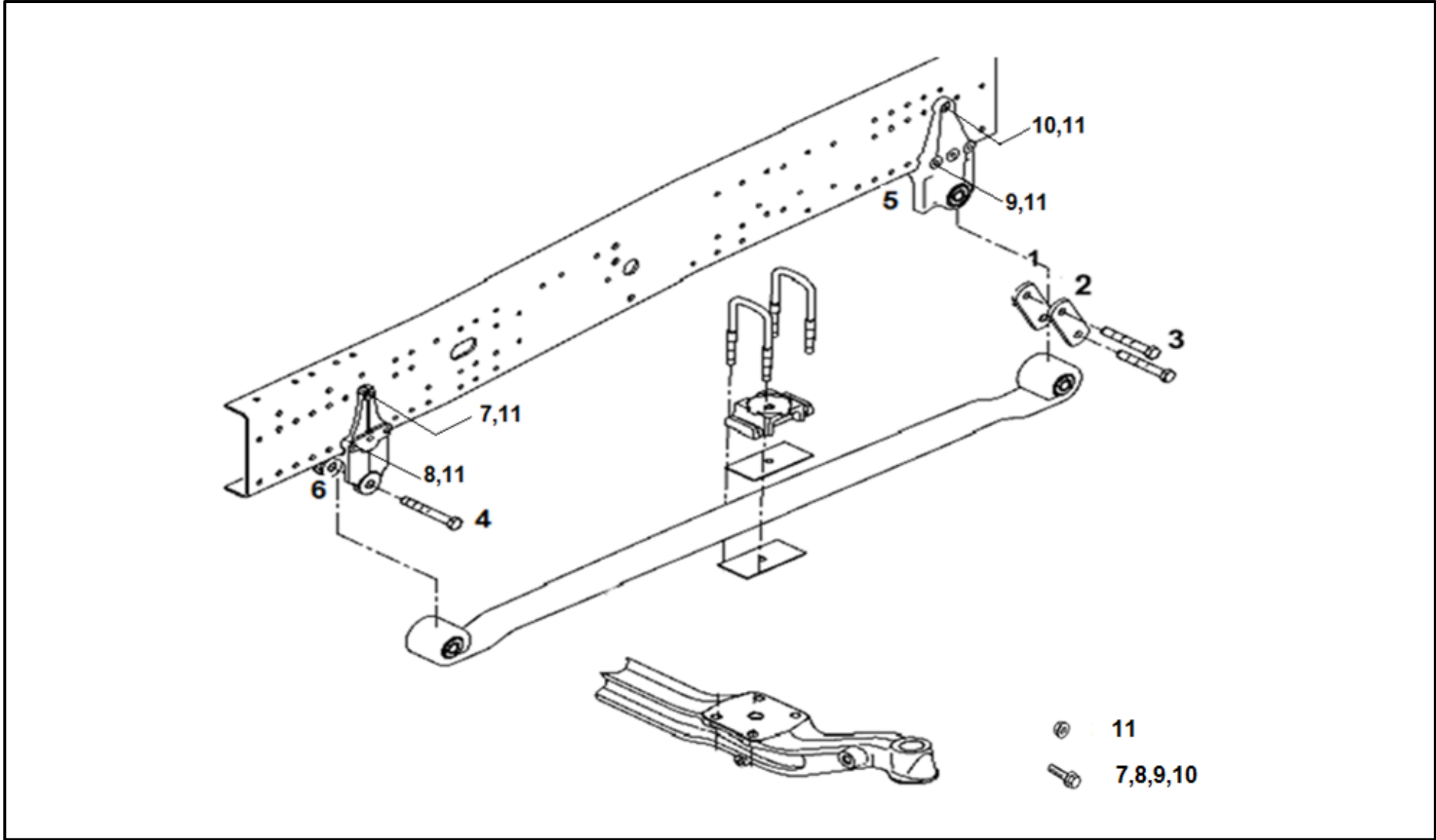
## PARABOLIC LEAF SPRING ASSEMBLY

Diagram No. 12

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
A	64.43402-0008	LEAF SPRING ASSLY (SLOTTED/PARABOLIC)	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
1	64.43494-0125	LEAF-1 FOR PARABOLIC SPRING ASSLY	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
2	64.43494-0126	LEAF-2 FOR PARABOLIC SPRING ASSLY	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
3	64.43494-0127	LEAF-3 FOR PARABOLIC SPRING ASSLY	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
4	64.43494-0128	LEAF-4 FOR PARABOLIC SPRING ASSLY	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
5	64.43718-0005	LINER (SPACER BETWEEN LEAF)	6	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
6	64.90490-0535	CENTER BOLT M12X1.75-10	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
7	64.90501-0531	NUT M12X1.75X10	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
8	64.90490-7041	CLAMP KIT	4	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
9	64.43722-0012	BUSH	4	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
10	64.41335-0004	SPACER ABOVE FRONT LEAF SPRING	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
11	64.41312-0024	U BOLT FRONT (L=205)	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
12	64.41312-0016	U BOLT FRONT	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
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PARABOLIC LEAF SPRING MOUNTING

Diagram No. 13



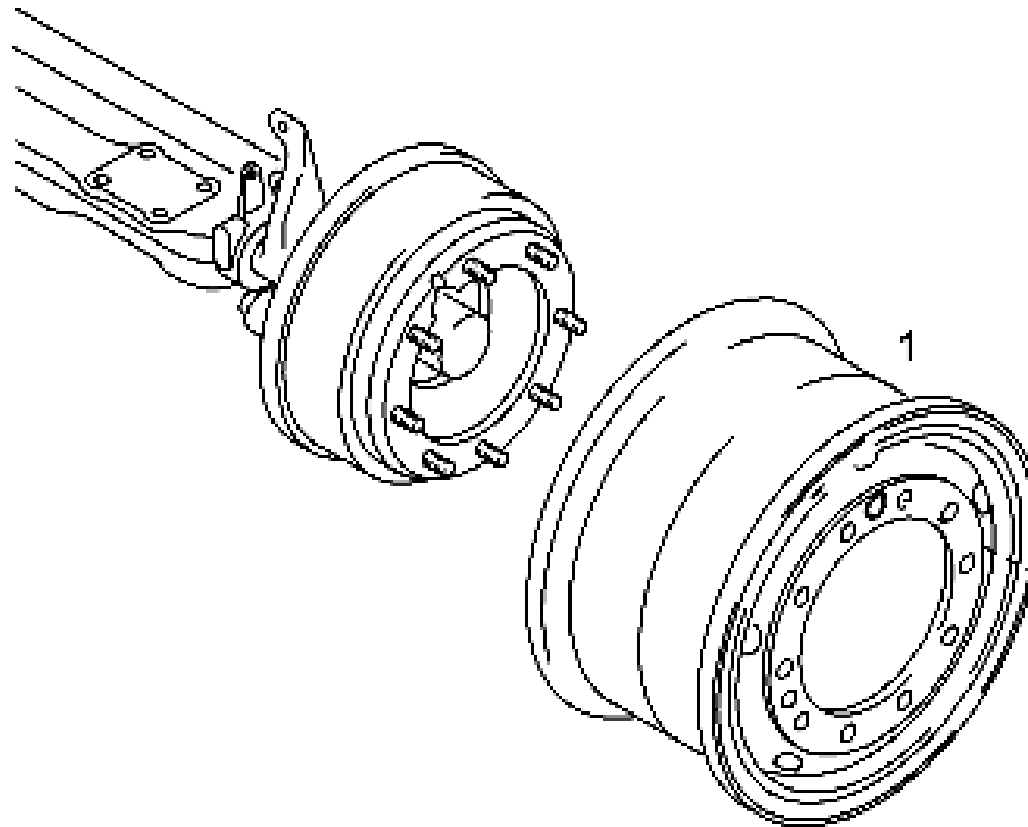
## PARABOLIC LEAF SPRING MOUNTING

Diagram No. 13

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.41303-0006	SPRING SHACKLE WITH THREAD (MACHINING)	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
2	64.41303-0007	SPRING SHACKLE (FRONT SUSPENSION)	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
3	64.90490-0432	BOLT M24(PARABOLIC LEAF SPRING MTG)L-135	4	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
4	64.90490-0433	BOLT M24(PARABOLIC LEAF SPRING MTG)L-145	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
5	64.41307-6005	FRONT SPRING REAR BKT ASLY(SLOTTED BUSH)	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
6	64.41301-0008	FRONT SPRING BKT FRONT MACHINED (SLOTTED)	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
7	64.90020-0009	SCREW M14X1.5X55-10.9, M701204 -MAN183B1	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
8	64.90020-0011	SCREW M14X1.5X65-10.9, M701204 -MAN183B1	2	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
9	64.90020-0006	SCREW M14X1.5X40-10.9, M701204 -MAN183B1	4	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
10	64.90020-0007	SCREW M14X1.5X45-10.9, M701204 -MAN183B1	8	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	
11	64.90501-0011	NUT M14X1.5-10 , M7.112.40-MAN183B1	6	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	FOR SR NO 5
11	64.90501-0011	NUT M14X1.5-10 , M7.112.40-MAN183B1	10	COMMON FOR 49.220 LITE,31.220 LITE & 31.230 MODELS ONLY	FOR SR NO 6
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## WHEEL RIM

Diagram No. 14



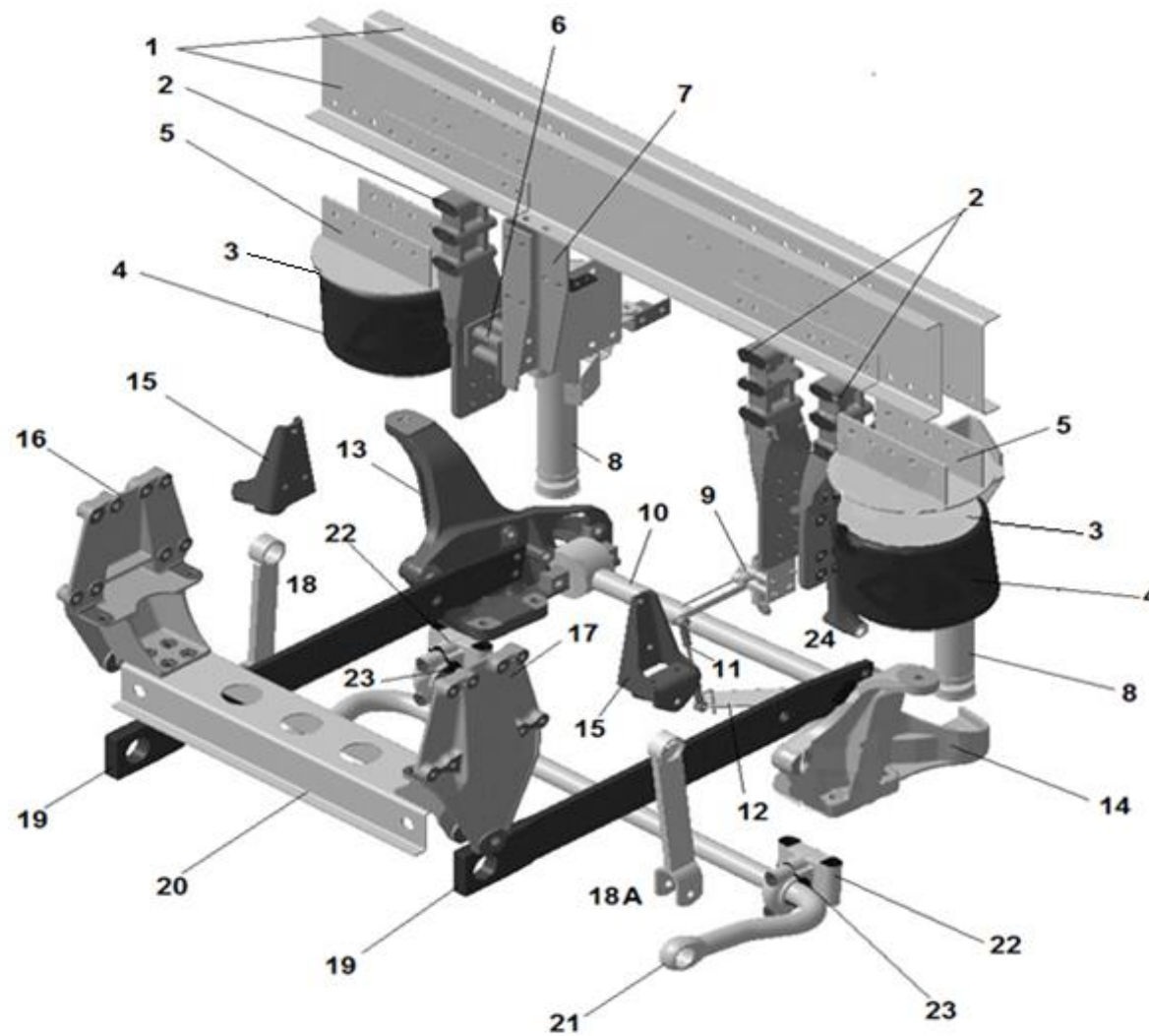
## WHEEL RIM

### Diagram No. 14

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.45302-0020	WHEEL RIM 7.5HDx20 (BLACK)- CT139	5	COMMON FOR ALL MODELS EXCEPT BUS	
1	64.45302-0006	WHEEL RIM 8.25X22.5	2	COMMON FOR BUS MODELS ONLY	
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## FRONT AIR SUSPENSION – BUS

Diagram No. 15



## FRONT AIR SUSPENSION – BUS

Diagram No. 15

S R	PART NO.	DESCRIPTION	QTY	APPLICABLE MODEL	REMARKS
1	64.43630-0014	CARRIER	2		
2	64.43630-0033	CARRIER BKT(BELLOW CARRIER TO CHASSIS)M/C	3		
3	64.43603-6001	AIR BELLOW WITH HOLDER ASSLY	2		
4	81.43601-0126	AIR BELLOWS	2		
5	64.43630-5023	BELLOW TOP PLATE (77mm)	2		
6	64.41290-5018	REINFORCEMENT BOX RH	1		
7	64.41140-0086	CONNECTING CHANNEL (FRONT SUSPENSION)	1		
8	64.43701-6010	SHOCK ABSORBER FRONT	2		
9	64.52161-6017	LEVELLING VALVE ASSY	1		
10	64.43230-6001	PAN HARD ROD ASSLY	1		
11	64.52731-0012	CONNECTING ROD FRONT SUSPENSION (267MM)	1		
12	64.51701-0019	SUPPORTING BKT FOR CONNECTING ROD FRONT	1		
13	64.43630-0036	BELLOW MTG BKT RH (M/C)	1		
14	64.43630-0025	BELLOW MTG BKT LH (M/C)	1		
15	64.41701-5001	ANTI ROLL BAR MTG BKT ASSLY	2		
16	64.43215-0007	SUPPORT BKT RH -(FRONT SUSPENSION)(M/C)	1		
17	64.43215-5006	ASSLY SUPPORT BKT -LH (FRONT SUSPENSION)	1		
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**FRONT AIR SUSPENSION – BUS****Diagram No. 15**

<b>S R</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>APPLICABLE MODEL</b>	<b>REMARKS</b>
18	64.43718-6002	ARM ASSLY RH WITH BUSH	1		
18A	64.43718-6001	ARM ASSLY LH WITH BUSH	1		
19	81.43220-6266	LONGITUDINAL LOCATING ARM	2		
20	64.41291-0031	TOP HAT (FRONT SUSPENSION)	1		
21	64.43715-6001	STABILIZER ASSY FRONT	1		
22	64.41701-5060	ANTI ROLL BAR MTG BKT FRONT & REAR ASSLY	2		
23	64.43704-0001	DOUBLE BUSH	2		
24	64.41710-0345	PANHARD ROD MTG BKT (MACHINING)	1		
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