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#### AXLES AND SUSPENSION

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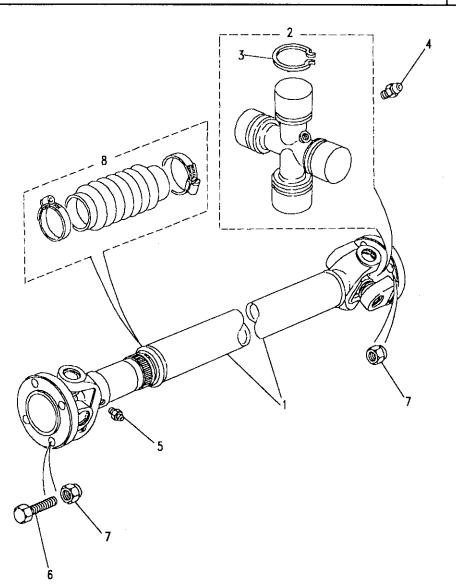
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#### **AXLES - FRONT PROPSHAFT**

III. Part No.			Description		Remarks	
Dei	fender 110	& 130				
1	FRC8390		Propellor shaft front	1	Note(1)	
	FRC8386		Propellor shaft front	1	Note(2)(3)	
All	Variants					
2	RTC3458		Universal joint	2		
3	242522		Circlip	8		
4	549229		Nipple grease	2		
5	234532		Nipple grease	1		
6	509045P		Bolt	4	Note(3)	
7	NZ606041L		Nut	8	, ,	
8	276484		Grommet assembly	1		

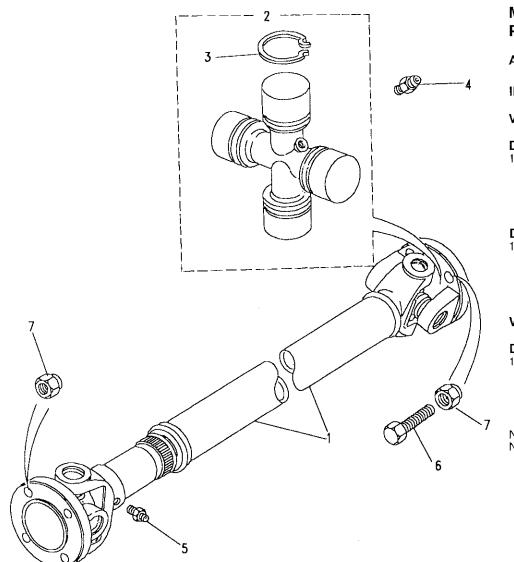
Note(2) All V8
Note(3) TDI from MA939976
Note(4) Fixing bolt at transfer box - see page 368





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#### AXLES AND SUSPENSION



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Page AFEXAC1A

#### AXLES - REAR PROPSHAFT

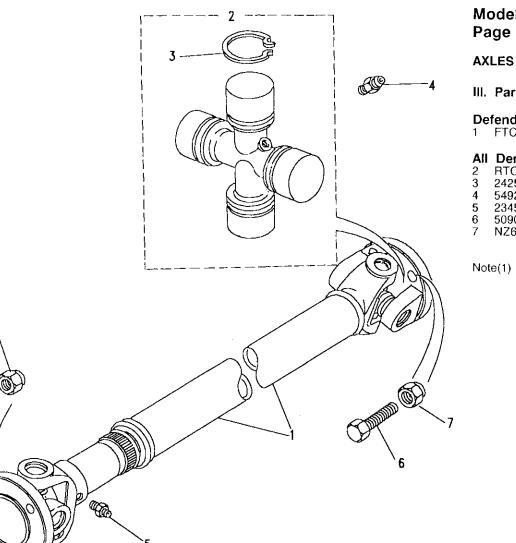
III. Part No.		Description	Qty	Remarks
Vehicles with	front disc	and rear drum brakes		
Defender 110 1 FRC8391 FTC3245 FRC8389		Propellor shaft rear Propellor shaft rear Propellor shaft rear	1 1 1	4 Cylinder Upto VIN KA925786 4 Cylinder From VIN KA925787 V8
Defender 130 1 FTC1250 RRC2303 FTC1249		Propellor shaft rear Propellor shaft rear Propellor shaft rear	1 1	4 Cylinder V8 Upto 4.6.89 V8 LT85 From 5.6.89
Vehicles with	front and	rear disc brakes		
Defender 110 1 FTC3245 FRC8389 FTC3905 FTC3905		Propeller shaft rear Propeller shaft rear Propeller shaft rear Propeller shaft rear	1 1 1	4 Cylinder V8 Note(1) V8 Note(2) 300TDi
Note(1) Note(2)	Up to LA937 From LA9370			





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#### AXLES - REAR PROPSHAFT

III. Part No.	Description	Qty Remarks			
Defender 130 1 FTC1250	Propeller shaft rear	1			
All Derivatives 2 RTC3458 3 242522 4 549229 5 234532 6 509045P 7 NZ606041L	Universal joint Circlip Nipple grease Nipple grease Bolt Nut	2 8 2 1 4 Note(1) 8			

Fixing bolt at transfer box - see page 369





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### AXLES AND SUSPENSION

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AFEXCA1A

FRONT AXLE - FRONT AXLE ASSEMBLY

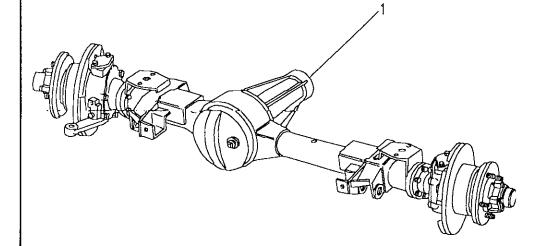
III. Part No.

Description

**Qty Remarks** 

Vehicles with front disc and rear drum brakes

**Upto VIN 930434 - 110, 930545 - 130** 1 FRC8782 Axle assembly Axle assembly front-RHS Axle assembly front-RHS Axle assembly front-LHS Axle assembly front-LHS Upto 20L77036C From 20L77037C Upto 21L56452C From 21L56453C FTC3280 FRC8783 FTC3281







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Model

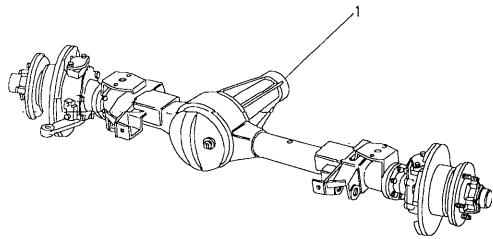
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AFEXCA2A



III. Part No.	Description	Qty Remarks
Vehicles with fro	nt and rear disc brakes	
<b>Defender 110 4</b> 1 FTC3300 FTC3301	Cylinder - From VIN LA930435 Axle assembly front-RHS Axle assembly front-LHS	1 63L
Defender 110 V8 1 FTC3300 FTC3301	- From VIN LA930435 Axle assembly front-RHS Axle assembly front-LHS	1 63L 1 64L
<b>Defender 130 - I</b> 1 FTC3300 FTC3301	From VIN LA930546  Axle assembly front-RHS Axle assembly front-LHS	1 63L 1 64L







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#### **AXLES AND SUSPENSION**

Description

**Qty Remarks** 

Model

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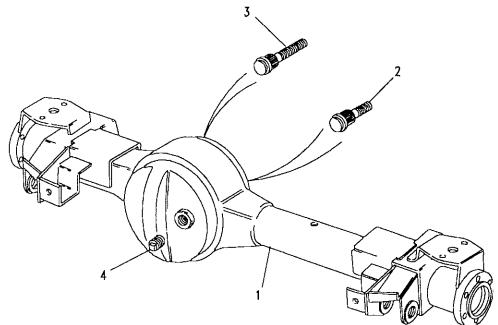
Page

III. Part No.

AFEXCC1A



Vehicles with front disc and rear drum brakes Upto VIN 930434 - 110. 930545 - 130 1 FRC4307 Axle case front 561195 Stud 561196 Stud Plug oil level 608246







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#### AXLES AND SUSPENSION

Model

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AFEXCC2A



III. Part No.

Description

**Qty Remarks** 

Vehicles with front and rear disc brakes

From VIN LA930435 - 110, LA930546 - 130 1 FTC4413 Axle case front

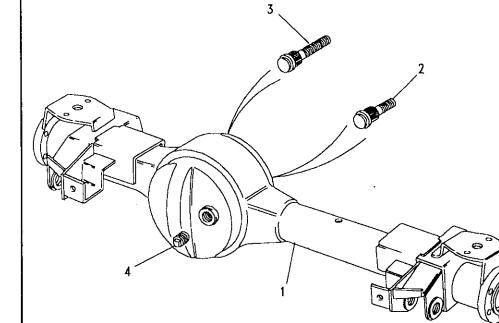
1 FTC4413 Axle ca 2 561195 Stud 561196 Stud

Stud 4 Stud 4 Stud 6

4 Upto 64L04631A 4 From 64L04632A 6

3 561196 4 608246

Plug oil level

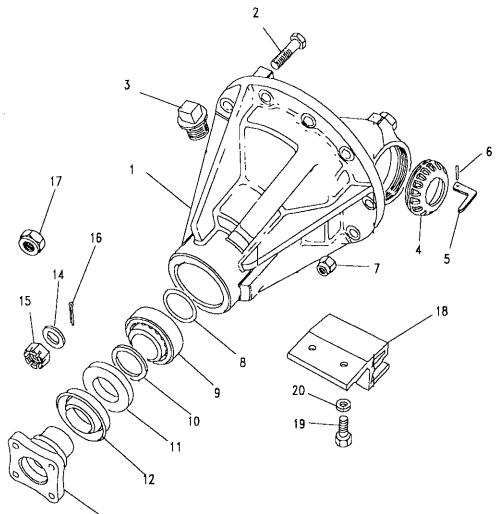






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#### AXLES AND SUSPENSION



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#### FRONT AXLE - FRONT DIFFERENTIAL

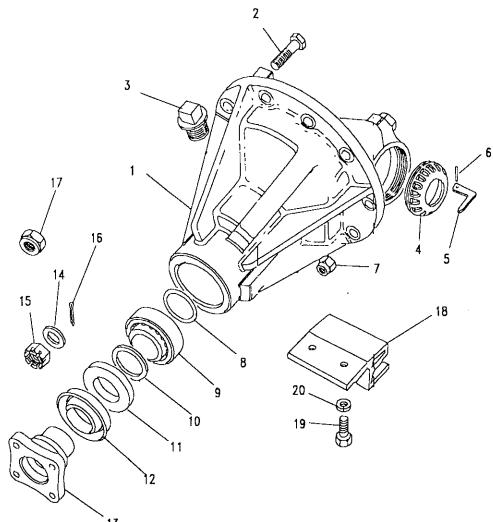
III. Part No. Description **Qty Remarks** Vehicles with front disc and rear drum brakes Upto VIN 930434 - 110, 930545 - 130 FRC8521 FTC782N Differential assembly Use FTC782N Differential assembly Upto VIN JA917433 FTC2750 Differential assy 3.54:1 From VIN JA917434 FTC2750R Differential assembly Rebuild FRC5690 Housing pinion BH112101L Set bolt 608246 Filler plug FRC5204 Lock ring FRC5661 Locking tab 576159 Spring pin NY606041L Nut nyloc FRC1193 Shim 0.060" FRC1195 Shim 0.062" FRC1197 Shim 0.064" Shim 0.066" FRC1199 FRC1201 Shim 0.068" FRC1203 Shim 0.070 Shim 0.072" Shim 0.074" 539718 539720 Shim 0.076" Shim 0.078" 539722 539724





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## AXLES AND SUSPENSION



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#### FRONT AXLE - FRONT DIFFERENTIAL

	III.	Part No.	Description	Qty	Remarks
5	12 13 14 15 16 17 18 19	539707 539745 FRC8220 FRC8154 236632 FRC3002 90513454 3259 NY116041 PS608101L NRC9713 SH406061L WM600061	Bearing pinion Spacer Oil seal Mud Shield Flange Flange Washer plain Nut castle Nut nyloc Pin split Bracket-Track Rod Protect Bolt Washer spring	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Note(1) Note(2) Note(3) Note(4,5)
	Note(1) Note(2) Note(3) Note(4) Note(5)		Use on Differential Assembly FRC8521 Use on Differential Assembly FTC782N Up to LA929665 From LA929666 Used with FTC3620		

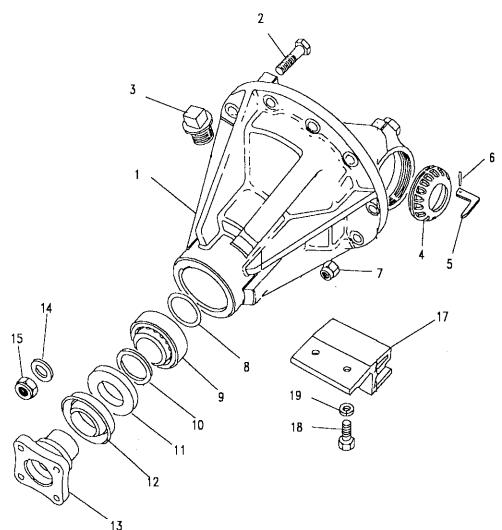




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III. Part No.

### AXLES AND SUSPENSION



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#### FRONT AXLE - FRONT DIFFERENTIAL

III. Part No.	Description	Qty Remarks
Vehicles with fro	ont and rear disc brakes	
From VIN LA930	435 - 110, LA930546 - 130 Differential assembly	1

	FTC3272	Differential assembly	1	
	FTC3272R	Differential assembly	1	Rebuild
1	FRC5690	Housing pinion	1	
2	BH112101L	Set bolt	4	
3	608246	Filler plug	1	
4	FRC5204	Lock ring	ż	
5	FRC5661	Locking tab	2	
6	576159	Spring pin	5	
7	NY606041L	Nut nyloc	10	
		· · · · · · · · · · · · · · · · · · ·	. •	

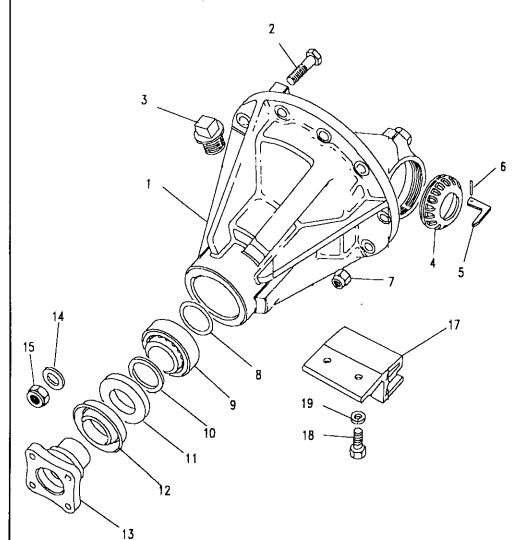
elective	Shim -	tail	pinion	bearin
FTC3869	9		2.1	55mm
FTC387	1		2.1	05mm
FTC387	3		2.0	80mm
FTC387	5		2.0	05mm
FTC387	7		1.9	55mm
FTC3879	9		1.9	05mm
FTC388	1		1.8	55mm
FTC3883	3		1.8	05mm
FTC388!	5		1.7	55mm
FTC388	7		1.7	05mm
FTC3889	9		1.6	55mm
FTC389	1		1.6	05mm
FTC389	3		1.5	55mm
FTC389	5		1.5	05mm





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#### FRONT AXLE - FRONT DIFFERENTIAL

III. Part No.	Description	Qty Remarks
9 539707 10 539745 11 FRC8220 12 FRC8154 13 FRC3002 14 90513454 15 NY116041	Bearing pinion Spacer Oil seal Mud Shield Flange Washer plain Nut nyloc	1 1 1 1 1
16 NRC9713 17 SH406061L 18 WM600061	Bracket-Track Rod Protect Bolt Washer spring	1 2 2



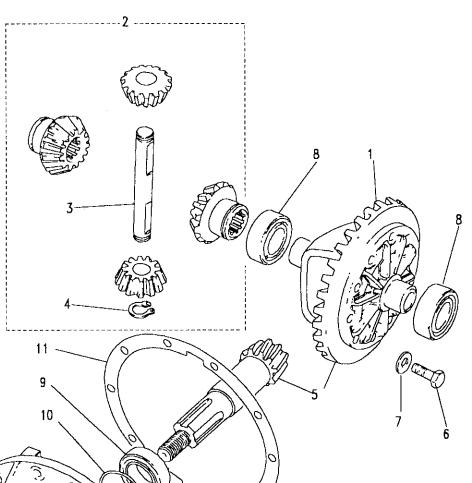


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### AXLES AND SUSPENSION

Description

**Qty Remarks** 



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Page AFEXCG1A

III. Part No.

#### FRONT AXLE - FRONT DIFFERENTIAL

Vehicles with front dis	c and rear drum brakes	
Upto VIN 930434 - 110  1 FRC2933  2 STC851  3 599945  4 CCN110L  5 594493  FTC781  6 593692  7 593693  8 RTC2726  9 539706  10 549230  549232  549234  549236  549238  549240  549242  549244  549246  549248  549250  549252	Case differential Kit gear differential Cross shaft Circlip Crownwheel and pinion Crownwheel and pinion Bolt Washer plain Bearing differential Bearing pinion Shim 0.038" Shim 0.040" Shim 0.044" Shim 0.046" Shim 0.050" Shim 0.050" Shim 0.052" Shim 0.054" Shim 0.056" Shim 0.058" Shim 0.058" Shim 0.060"	1 1 1 2 1 Note(1) (3) 1 Note(2) 10 10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



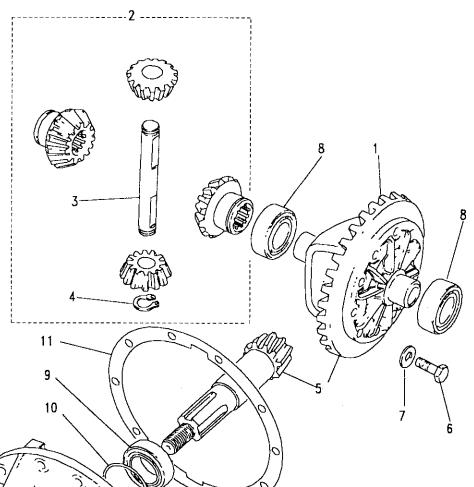


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III. Part No.

### AXLES AND SUSPENSION

Description



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gasket

#### FRONT AXLE - FRONT DIFFERENTIAL

10	576236 576237 576238 576239 7316	Shim Shim Shim	0.062" 0.063" 0.064" 0.065" washer		1 1 1 1	Note	ə( <b>4</b> )			
Not	e(1) e(2) e(3) e(4)	Use on Differential Use on Differential Use FTC781 plus From Axle 20L732	Assembly FRC3002	FTC782N	LHS	RTV	sealant	used	not	a

**Qty Remarks** 



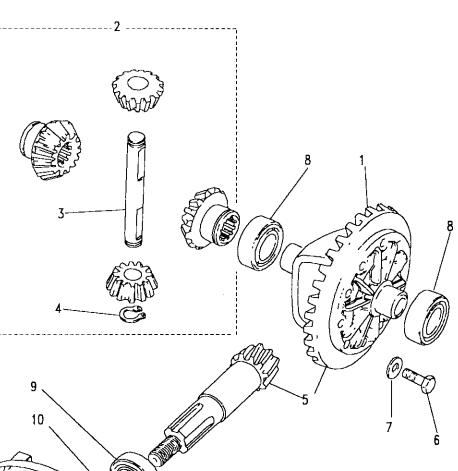


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### AXLES AND SUSPENSION

Description

**Qty Remarks** 



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III. Part No.

#### FRONT AXLE - FRONT DIFFERENTIAL

Vehicles with front and rear disc brakes					
Fre	om VIN LA930435	- 110, LA930546 - 130			
1	FRC2933	Case differential	1	Suffix A/B	
	FTC3269	Case differential	1	Suffix C	
2	STC851	Kit gear differential	1	Suffix A/B	
	FTC3267	Wheel differential	2	Suffix C	
	FTC3268	Pinion differential	2	Suffix C	
3	599945	Cross shaft	1		
	CCN110L	Circlip	2		
5	FTC781	Crownwheel and pinion	1	Suffix A/B	
	FTC3620	Crownwheel and pinion	1	Suffix C	
6	593692	Bolt	10	Suffix A/B	
	FTC3586	Bolt	10	Suffix C	
7	593693	Washer plain	10		
8	RTC2726	Bearing differential	2	Suffix A/B	
	STC1602	Bearing differential	2	Suffix C	
9	539706	Bearing pinion	1		





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# **AXLES AND SUSPENSION**

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AFEXCG2A

FRONT AXLE - FRONT DIFFERENTIAL

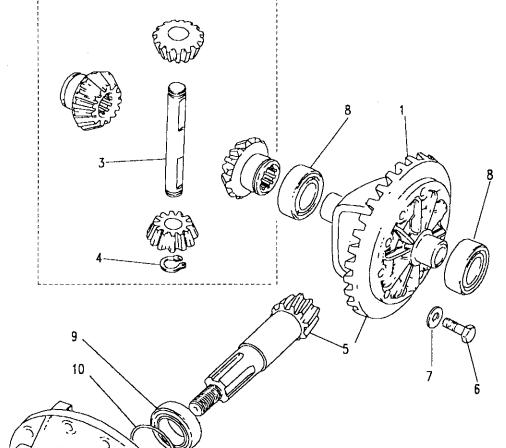
III. Part No.

Description

**Qty Remarks** 

 
 Selective Shim - pinion
 bearing head - A/R

 10 FTC3853 FTC3855 FTC3857
 1.548mm 1.498mm 1.448mm
 FTC3859 1.398mm FTC3861 1.348mm 1.298mm FTC3863 FTC3865 1.248mm FTC3867 1.198mm

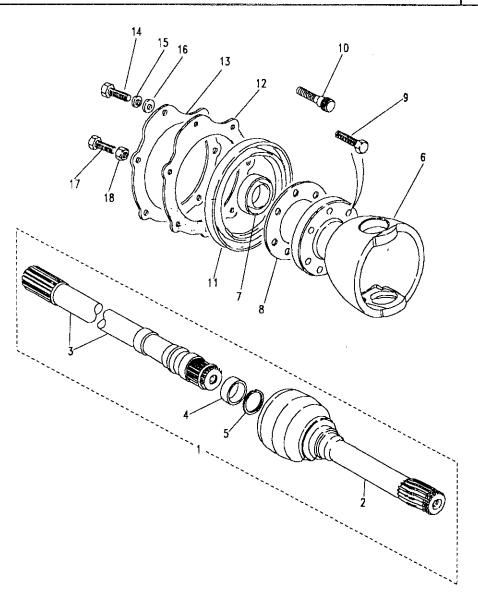






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#### **AXLES AND SUSPENSION**



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FRONT AXLE - DRIVE SHAFTS

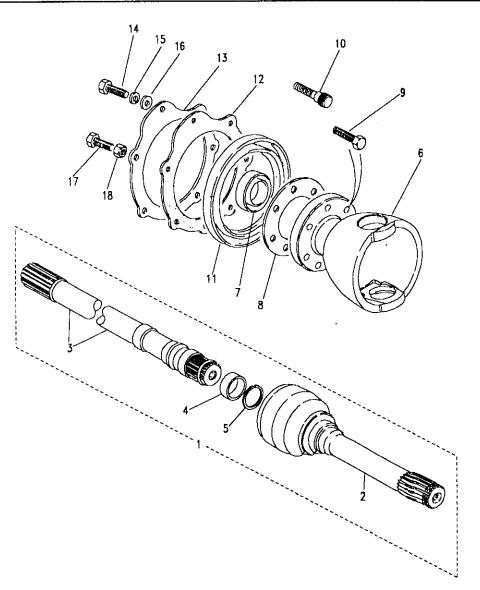
III. Part No. Description **Qty Remarks** Vehicles with front disc and rear drum brakes **Upto VIN 930434 - 110, 930545 - 130** 1 FRC3890 Halfshaft assembly RH Note(1) FRC3891 FTC1332 Halfshaft assembly LH Note(1) Halfshaft assembly RH Note(2) FTC1333 Halfshaft assembly LH Note(2) 2 AEU2522 Constant velocity joint Note(1) RTC6862 Constant velocity joint Note(2) AEU2520 AEU2521 Halfshaft RH Note(1) Halfshaft LH Note(1) RTC6754 Halfshaft RH Note(2) RTC6755 Halfshaft LH Note(2) FTC254 Spacer Note(1) RTC5841 Spacer Note(2) RTC4820 Circlip Note(1) STC579 FRC2644 Circlip Note(2) Housing bearing 571718 Oil Seal FRC2349 Joint Washer NLA use FTC3646 FTC3646 Joint washer Asbestos free Note(1) Upto 20L48865 RHS, 21L33355 LHS From 20L48866 RHS, 21L33356 LHS Note(2)





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### AXLES AND SUSPENSION



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#### FRONT AXLE - DRIVE SHAFTS

Ш.	Part No.	Description	Qty	Remarks
9	FTC3456	Bolt swivel housing	12	
10	FTC3454	Dowel Bolt	2	
	FRC8530	Washer	14	
11	FRC2889	Oil Seal	2	Note(1)
	FTC3401	Oil seal	2	Note(2)
12	FRC4206	Joint Washer	2	
13	FRC4142	Retaining Plate	2	
14	SH106121L	Bolt	14	
15	WL106001	Washer spring	14	
16	WA106001L	Washer plain	14	
17	AFU1234	Bolt lock	2	
18	NT112041L	Lock nut	2	

Note(1) Upto 20L74081C RHS, 21L55147C LHS, 24L00953C RHS Note(2) From 20L74082C RHS, 21L55148C LHS, 24L00954C RHS



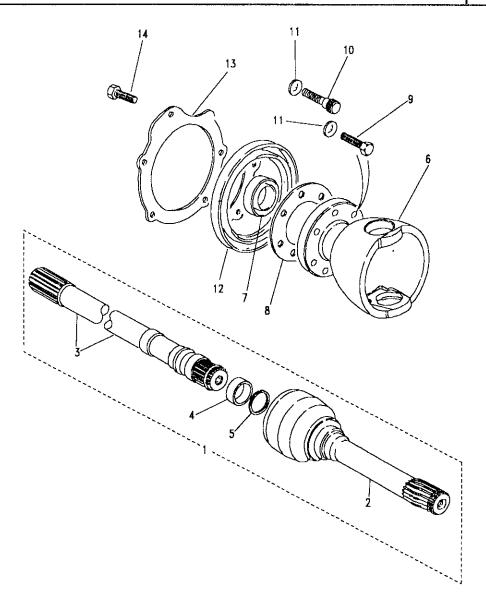


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III. Part No.

#### AXLES AND SUSPENSION

Description



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FRONT AXLE - DRIVE SHAFTS

Vehicles with front and rear disc brakes From VIN LA930435 - 110, LA930546 - 130 1 FTC3148 Halfshaft assembly RH FTC3149 Halfshaft assembly LH 2 Constant velocity joint NSP Halfshaft RH NSP Halfshaft LH NSP Spacer NSP STC579 Circlip NSP FRC7065 Housing bearing Oil Seal Joint Washer FTC3276 FRC2349 NLA use FTC3646 FTC3646 Joint Washer Asbestos free FTC3456 Bolt swivel housing 12 10 FTC3454 11 FRC8530 2 14 Dowel Bolt Washer 12 FTC3401 Oil Seal 13 571755 Plate retaining 14 FS106121 Bolt 12

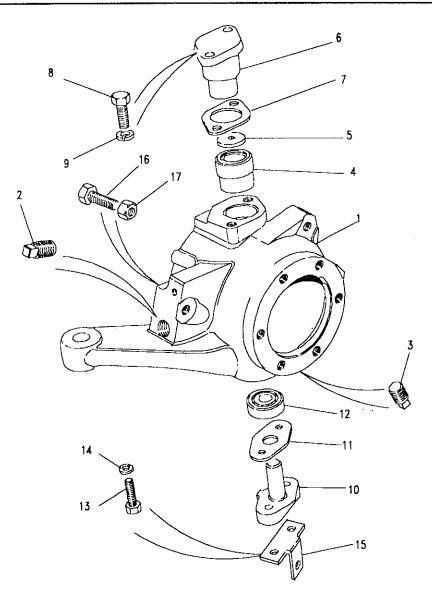
**Qty Remarks** 





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#### **AXLES AND SUSPENSION**



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FRONT AXLE - SWIVEL PIN HOUSING

III. Part No. Description **Qty Remarks** Vehicles with front disc and rear drum brakes Upto VIN 930434 - 110, 930545 - 130 1 FRC4838 Housing swivel pin-RH RHS Upto VIN JA909205 Housing swivel pin-LH RHS Upto VIN JA909205 FRC4839 FRC4840 Housing swivel pin-RH LHS Upto VIN JA909205 Housing swivel pin-LH LHS Upto VIN JA909205 FRC4841 Housing swivel pin-RH RHS From VIN JA909206 FTC2528 From VIN JA909206 FTC2529 Housing swivel pin-LH RHS FTC2530 From VIN JA909206 Housing swivel pin-RH LHS From VIN JA909206 FTC2531 Housing swivel pin-LH LHS 2 Filler plug 3291 3290 2222 Drain plug FRC2916 Housing and bush 4 Washer thrust FRC2906 FRC3511 Swivel pin upper FRC2883 Shim 0.075mm Shim 0.130mm FRC2884 FRC2885 Shim 0.250mm Shim 0.750mm FRC2886 Bolt M10 m/encap BX110071M Note(1) WL110001 Washer spring 10 FRC2894 Swivel pin lower 11 FRC2897 Joint washer NLA use FTC3647 FTC3647 Joint washer Asbestos free 12 606666 Bearing 13 BH108061M Flange Bolt Note(1) 14 WL108001L Washer spring 15 FRC3725 Bracket retaining 16 AFU1234 Bolt lock steering stop 17 NT112041 Lock nut Note(1)

Pre-impregnated with adhesive.



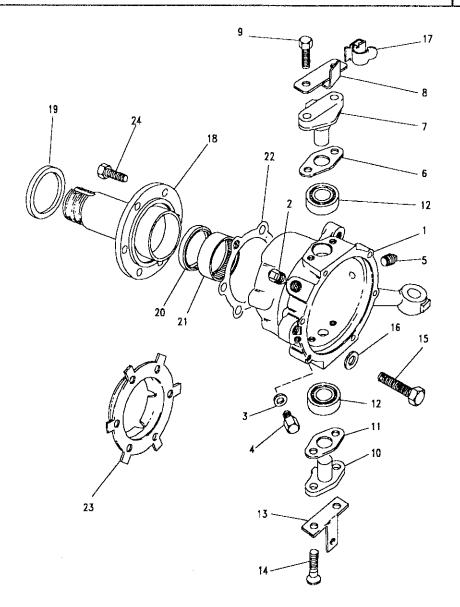


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III. Part No.

## AXLES AND SUSPENSION

Description



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#### FRONT AXLE - SWIVEL PIN HOUSING

Vehicles with front	and rear disc brakes		
From VIN 1 4930435	i - 110, LA930546 - 130		
1 FTC3308	Housing swivel pin-RH	1	RHS
FTC3309	Housing swivel pin-LH	1	RHS
FTC3310	Housing swivel pin-RH	1	LHS
FTC3311	Housing swivel pin-LH	1	LHS
2 3292	Plug oil filler	2	-
2 3292 3 230511	Joint washer	2	
4 236070	Plug oil drain		
5 FTC3670	Plug oil level	2 2 2 2 2	
6 FRC2883	Shim 0.075"	2	
FRC2884	Shim 0.130"	2	
FRC2885	Shim 0.250"	2	
FRC2886	Shim 0.750"	2	
7 FTC2882	Swivel pin upper	2 2 2	
8 90576928	Washer locking	2	
9 BX110071M	Bolt M10 m/encap	4	Note(1)
10 FRC2894	Swivel pin lower	2	. ,
11 FRC2897	Joint washer	2	NLA use FTC3647
FTC3647	Joint washer	2	Asbestos free

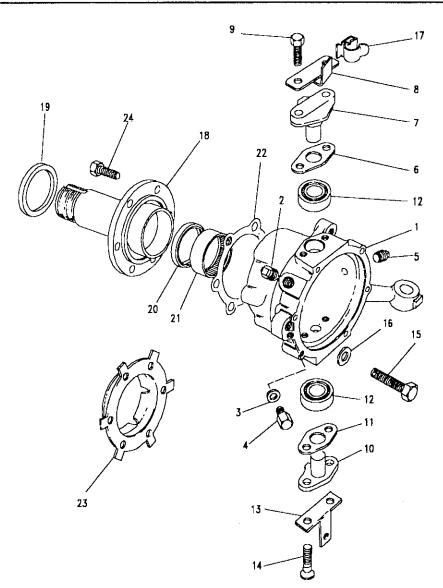
**Qty Remarks** 





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#### AXLES AND SUSPENSION



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#### FRONT AXLE - SWIVEL PIN HOUSING

III.	Part No.	Description	Qty	Remarks
12	606666	Bearing	4	
13	FRC3725	Bracket retaining	2	
14	FTC3455	Screw	4	
15	BH108061M	Flange Bolt	4	Note(1)
16	WL108001L	Washer spring	4	(-)
17	NTC6944	Clip retaining	2	
18	FTC3183	Axle stub	2	
19	FTC56	Thrust ring	2	
20	FTC840	Oil seal	2	Note(2)
	FTC3145	Oil seal	2	Note(3)
21	FTC861	Bearing	2	. ,
22	FRC3205	Joint washer	2	NLA use FTC3648
	FTC3648	Joint washer	2	Asbestos free
23	FRC2310	Plate locking	2	
24	SX110251M	Bolt	12	Note(1)

 Note(1)
 Pre-impregnated with adhesive.

 Note(2)
 Up to 20L77036C - RHS & 21L56452C - LHS

 Note(3)
 From 20L77037C - RHS & 21L56453C - LHS

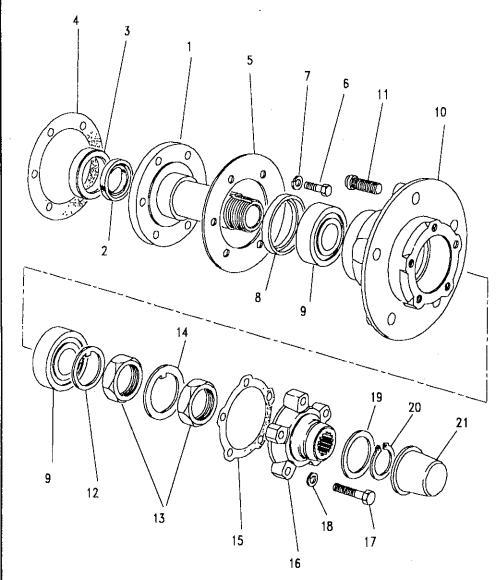




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#### **AXLES AND SUSPENSION**

Description



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#### FRONT AXLE - FRONT HUB

III. Part No.

Vehicles with front d	isc and rear drum brakes	
Upto VIN 930434 - 1 1 FRC4320 2 FRC3099 3 FRC4319 4 FTC3648 5 FRC2310 6 SX110251M 7 WL110001L 8 FRC8221 FTC2783	10, 930545 - 130  Axle stub Oil seal Bush stub axle Joint washer Plate locking Bolt Washer spring Oil seal Oil seal hub	2 2 2 2 2 12 12 12 2 1 From Note(1)
9 RTC3429 10 FRC6139 11 FRC6137 12 217352 13 FRC8700 14 217353 15 FRC3988 16 FRC5806 17 AFU1181 FC110107L 18 WL110001L	Bearing Hub assembly Stud Key washer Lock nut Locker Joint washer Driving member Bolt hub Bolt hub Washer spring	From 6/7/92 2 10 2 4 2 2 10 NLA use FC110107L 10 10

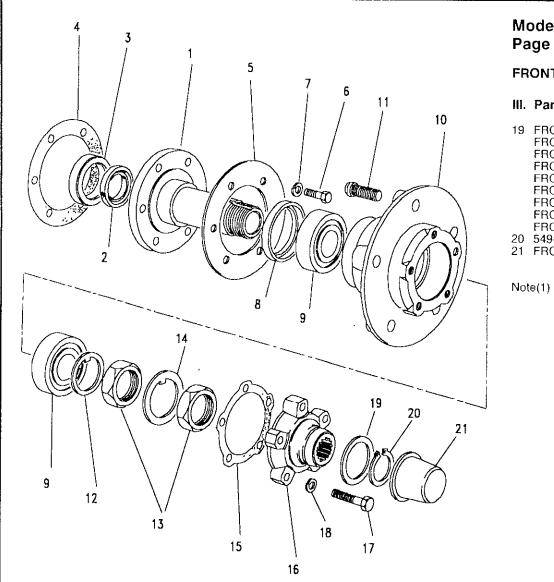
**Qty Remarks** 





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### AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards
Page AFEXCM1A

#### FRONT AXLE - FRONT HUB

III. Part No.	Description	Qty Remarks
19 FRC6782 FRC6783	Shim 0.45mm Shim 0.60mm	4
FRC6784 FRC6785	Shim 0.75mm	4
FRC6786	Shim 0.90mm Shim 1.05mm	4 4
FRC6787 FRC6788	Shim 1.20mm Shim 1.35mm	4 4
FRC6789	Shim 1.50mm	4
FRC6790 20 549473	Shim 1.65mm Circlip	4 2
21 FRC4377	Hub cap	2

From Axle No 20L70576C RHS, 21L52061C LHS



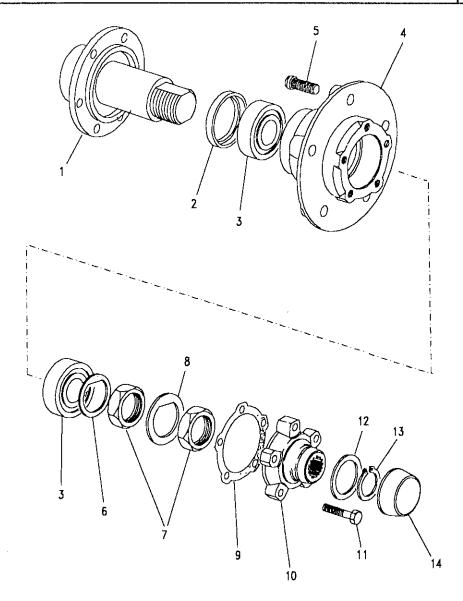


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### AXLES AND SUSPENSION

Description

**Qty Remarks** 



Model DEFENDER 110 1987 onwards
Page AFEXCM2A

#### FRONT AXLE - FRONT HUB

III. Part No.

FTC3183	930435 - 110, LA930546 - 130 Axle stub	2	Note(1)
FTC2783	Oil seal inner	2 2	11010(1)
RTC3429	Bearing	4	
FTC942	Hub assembly	2	
FRC5926	Stud	10	
FTC3185	Washer stub axle	2	
FRC8700	Nut	4	
FTC3179	Washer lock	2 2 2	
571752	Washer joint	2	
0 FTC859	Hub driving member	2	
1 BX110095M	=	10	Note(2)
2 FRC6782	Shim 0.045mm	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
FRC6783	Shim 0.060mm	2	
FRC6784	Shim 0.075mm	2	
FRC6785	Shim 0.090mm	2	
FRC6786 FRC6787	Shim 1.05mm Shim 1.20mm	2	
FRC6788	Shim 1.35mm	2	
FRC6789	Shim 1.50mm	2	
FRC6790	Shim 1,65mm	2	
3 549473	Circlip	5	
4 FTC943	Cap hub	<u> </u>	





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#### AXLES AND SUSPENSION

Model

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AFEXEA1A

#### REAR AXLE - REAR AXLE ASSEMBLY

III. Part No.

Description

**Qty Remarks** 

Vehicles with front disc and rear drum brakes

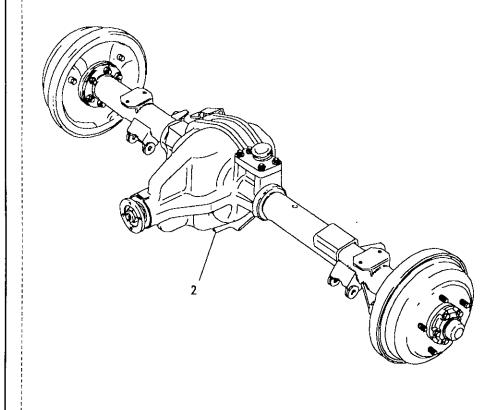
Upto VIN 930434 - 110, 930545 - 130

Axle assembly rear 1 FTC2352 21S 2 FTC3721 Housing assembly Note(1) 1 FTC2353 Axle assembly rear Note(2) 2 FTC2212 Housing assembly Note(1)

Note(1) Note(2)

Axle assembly rear, less axle shafts, hubs and brakes. Heavy duty 3.54 ratio axle 24S suffix B, Defender 110 over 3050kg and

all Défender 130







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#### **AXLES AND SUSPENSION**

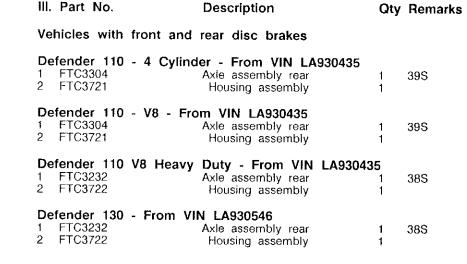
Model

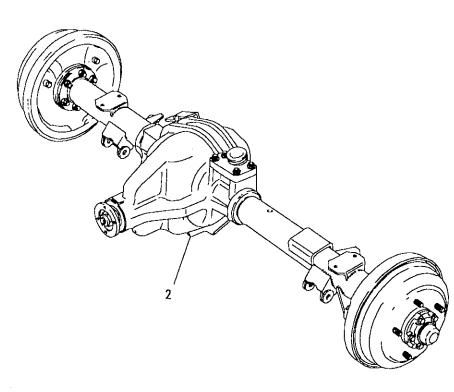
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AFEXEA1A

#### REAR AXLE - REAR AXLE ASSEMBLY



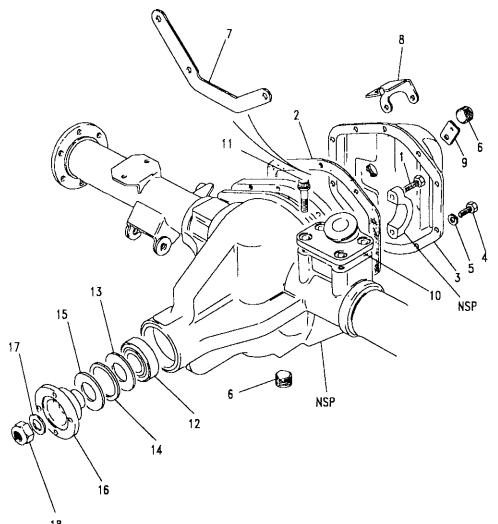






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## AXLES AND SUSPENSION



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#### REAR AXLE - AXLE CASE REAR

III. Part No.	Description	Qty Remarks
1 607163	Bolt-diff bearing cap	4
2 RTC1139	Gasket	1
3 RTC844	Cover	1
4 607173	Bolt	10
5 AAU2825	Lock washer	10
6 608246	Filler/drain plug	2
7 RTC845	Flitch	ī
8 NRC8024	Bracket-3 way	1
9 NRC5346	Plate-brake pipe	1
10 NRC9607	Bracket-ball joint	1
11 AEU2508	Special bolt	4
12 607181	Bearing pinion	1
13 607182	Oil thrower	1
14 607183	Gasket	1
15 AEU2515	Oil seal	1
16 607185	Flange	1
17 607357	Washer	1
18 90608545	Lock nut	1





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### AXLES AND SUSPENSION

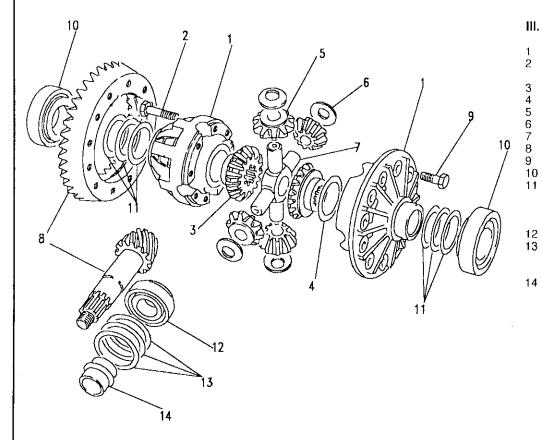
Model

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AFEXEE1A

#### REAR AXLE - DIFFERENTIAL



1.	Part No.	Description	<b>Qty Remarks</b>
	AEU1489	Case differential	1
	607165	Bolt	8
	RTC4488	Kit gear differential	1
	607166	Differential gear	2
	607169	Washer thrust	2
	607167	Differential wheel	4
	607168	Washer thrust	4
	90607170	Cross shaft	1
	AEU1488	Crownwheel and pinion	1
	RTC773	Bolt	12
0	607187	Bearing differential	2
1	607188	Shim 0.003"	2
	607189	Shim 0.005"	2
	607190	Shim 0.010"	2
	607191	Shim 0.030"	2
2	607180	Bearing pinion	1
3	607177	Shim 0.003"	2
	607178	Shim 0.005"	2
	607179	Shim 0.010"	2
4	607197	Spacer collapsible	1





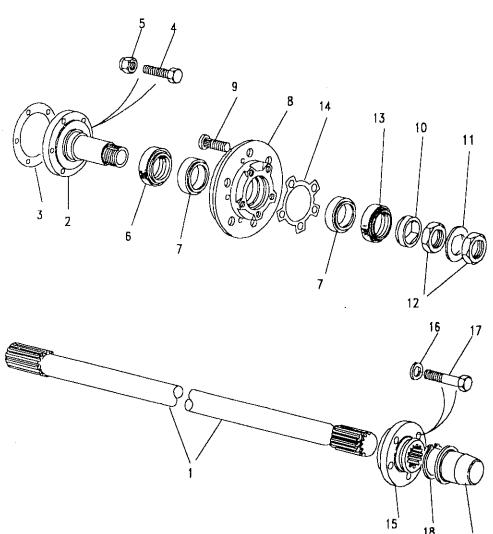
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III. Part No.

### AXLES AND SUSPENSION

Description

**Qty Remarks** 



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Page AFEXEI1A

#### REAR AXLE - AXLE SHAFTS AND HUBS

Ve	hicles with front disc	and rear drum brakes		
Up	to VIN 930434 - 110,	930545 - 130		
1 '	FRC2454	Shaft drive rear RH	1	
	FRC2455	Shaft drive rear LH	1	
2	FRC8540	Hub bearing sleeve	2	
3	FRC3136	Joint washer	2	NLA use FTC3649
	FTC3649	Joint washer	2	Asbestos free
4	FRC7257	Bolt	12	
5	NY110041L	Nut nyloc	12	
6	FRC8221	Oil seal	2	
	FTC2783	Oil seal hub	2	From 21S10028C
	FTC2783	Oil seal hub	2	From 24S00522A
7	RTC3429	Bearing	4	
8	FRC8555	Hub assembly	2	
9	FRC6137	Stud	10	
	FRC8227	Spacer	2	
11	FRC8700	Lock nut	4	
	FRC8002	Locker	2	
13		Oil seal	2	
	FRC3988	Joint washer	2 4 2 2 2 2	
	FRC5806	Driving member	2	
	WL110001L	Washer spring	5	
	FC110107L	Bolt	10	
	549473	Circlip	2 2	
19	FRC4377	Hub cap	2	





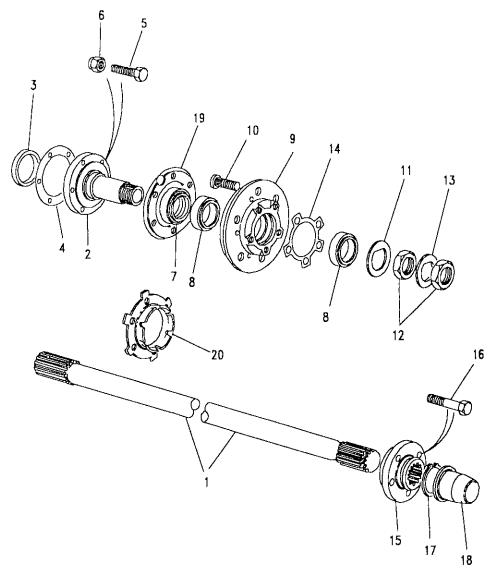
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III. Part No.

#### AXLES AND SUSPENSION

Description

**Qty Remarks** 



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Page AFEXEI2A

#### REAR AXLE - AXLE SHAFTS AND HUBS

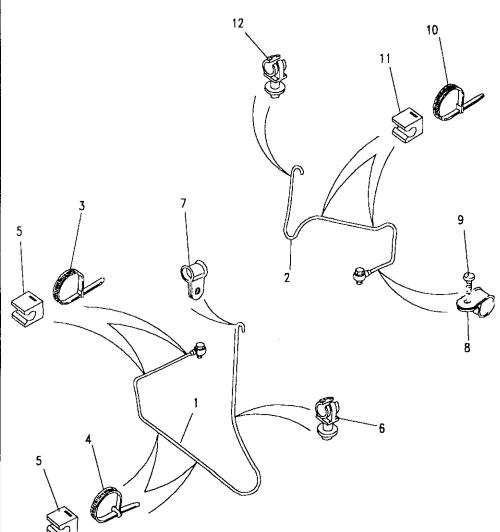
From VIN LA9304:	35 - 110, LA930546 - 130		
1 FTC1724	Shaft axle RH	1	
FTC1725	Shaft axle LH	1	
2 FTC1740	Axle stub	2 2 2	
3 FTC3145	Oil seal	2	
4 FRC3136	Joint washer	2	NLA use FTC3649
FTC3649	Joint washer	2	Asbestos free
5 BX110111L	Bolt fixing	8	
SX110301	Screw	4	
BX110071L	Bolt M10	4	Note(1)
6 NY110041L	Nut	12	
7 FTC2783	Oil seal hub	2	
8 RTC3429	Bearing	4	
9 FTC942	Hub assembly	2	
10 FRC5926	Stud	10	
11 FTC3185	Washer stub axle	2	
12 FRC8700	Nut stub axle	4	
13 FTC3179	Lockwasher	2	
14 571752	Joint washer	2	
15 FTC859	Hub driving member	2	
16 BX110095M	Bolt m/encapsulated	10	Note(2)
17 549473	Circlip	2 2 2 2	•
18 FTC943	Cap hub	2	
19 FTC1378	Mudshield Stub Axle	2	
20 FRC2310	Plate locking	2	
Note(1) Alter	native if SX110301 is too short.		
	mpregnated with adhesive.		





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### AXLES AND SUSPENSION



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Page AFEXGA1A

#### **AXLES - REMOTE BREATHERS**

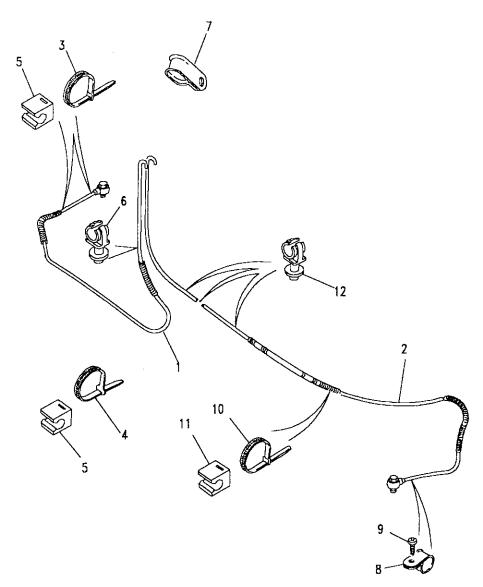
III. Part No.	Description	Qty Remarks
Vehicles with front disc	and rear drum brakes	
Upto VIN 930434 - 110, 1 FTC2175 595478 232039 2 FTC2176 595478 232039	930545 - 130 Breather remote front Banjo bolt Copper washer Breather remote rear Banjo bolt Copper washer	1 1 2 1 1 2
Fixings for front breatl 3 594594 4 568680 5 NRC9246 6 79123 7 BAU1689	her Tie Cleat Clip Clip Clip	2 2 4 1
Fixings for rear breath 8 ATU1017L 9 79004 10 568680 11 NRC9246 12 79123	er Clip Screw Cleat Clip Clip	1 1 2 2 1





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### AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards
Page AFEXGA2A

#### **AXLES - ALTERNATIVE REMOTE BREATHERS**

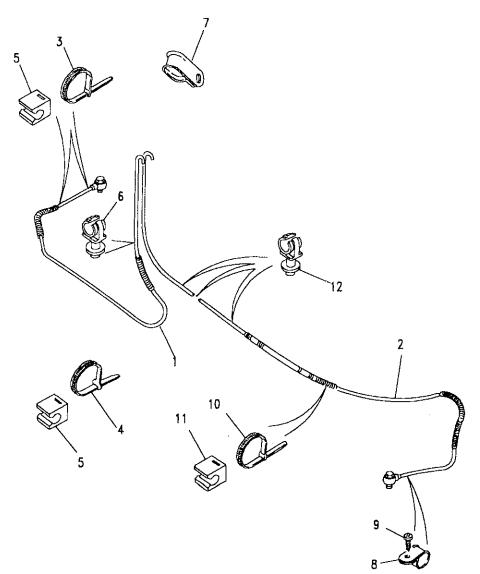
Ш.	Part No.	Description	Qty	Remarks				
Vel	hicles with front disc	and rear drum brakes						
<b>U</b> p 1	to VIN 930434 - 110, FRC4718 FTC2177 595478 232039 FRC4719 FTC2178 595478 232039	930545 - 130 Breather remote front Breather remote front Banjo bolt Copper washer Breather remote rear Breather remote rear Banjo bolt Copper washer	1 1 1 2 1 1 1 2	Upto HA473072 From HA473073 UPto HA473072 From HA473073				
Fixings for front breather								
3 4 5	594594 568680 NRC9246 79123 622324	Tie Cleat Clip Clip Clip	2 4 1					
Fixings for rear breather								
11	ATÜ1017L 79004 568630 NRC9246 79123	Clip Screw Cleat Clip Clip	1 1 2 2 3					





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# AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards

Page AFEXGA3A

#### **AXLES - REMOTE BREATHERS**

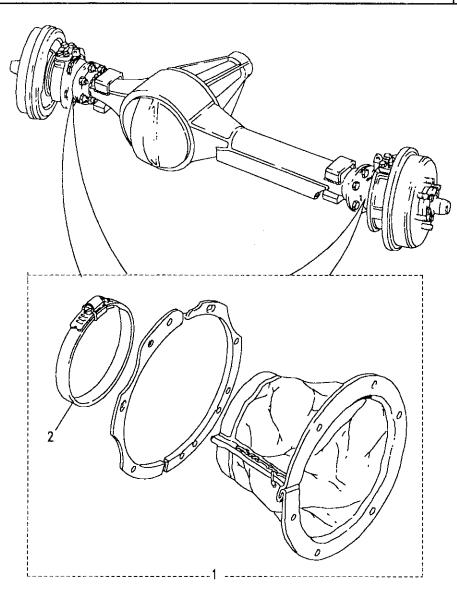
111.	. Part No.	Description	Qty	Remarks
Ve	ehicles with front and	rear disc brakes		
1	om VIN LA930435 - 1° FTC2177 595478 FTC3904 FTC2178 FTC3904 595478 FTC3904	10, LA930546 - 130 Breather remote front Banjo bolt Copper washer Breather remote rear Breather remote rear Banjo bolt Copper washer	1 1 2 1 1 1 2	Up to LA937639 From LA937640
3 4	568680 NRC9246	er Tie Cleat Clip Clip single Clip	2 2 4 1	
8 9 10 11	xings for rear breather ATU1017L 79004 568630 NRC9246 79123	r Clip Screw Cleat Clip Clip	1 1 2 2 3	





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#### AXLES AND SUSPENSION



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Page AFEXGC1A

FRONT AXLE - GAITER KIT

III. Part No. Description Qty Remarks

Only used up to VIN LA930434

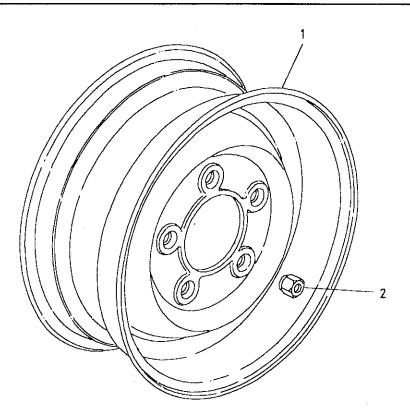
1 RTC3826 Kit gaiter 1
2 RTC3519 Clip hose 2





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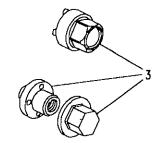
## AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards
Page AFEXGE1A

AXLES - ROAD WHEEL

III. Part No.	Description	Qty	Remarks
<b>Defender 110</b> 1 NRC7578PM	Wheel road	5	Note(1)
Defender 130 1 ANR1534PM	Wheel road	5	Note(2)
<b>Defender 110 and 130</b> 2 90577473 3 RTC9535	Wheel nut 16mm Wheel nut locking	20 1	Set of 5
	x 33mm inset x 20.6mm inset		

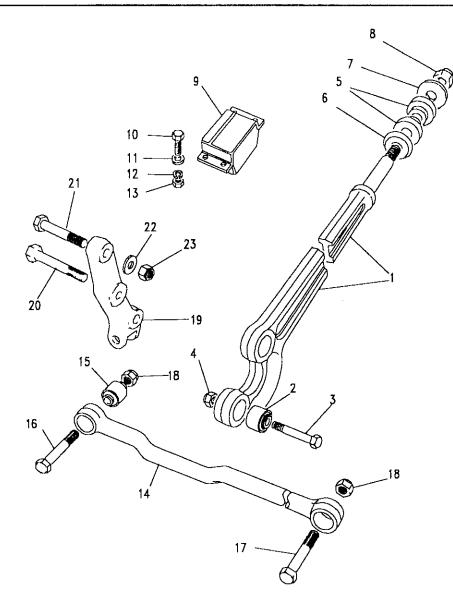






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### AXLES AND SUSPENSION



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#### FRONT SUSPENSION - RADIUS ARM & LINKS

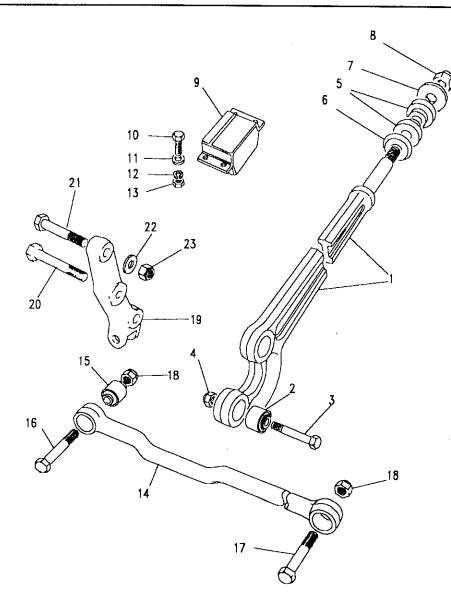
III. Pari	t No.	Description	Qty	Remarks
Defend				
	2705	Arm radius	2	Note(1)
	7331	Arm radius	2	Note(2)
2 NTC	7307	Bush	4	Note(1)
NTC	6781	Bush	4	Note(2)
3 BH6	10281L	Bolt	4	Note(1)
BX1	16201L	Bolt	4	Note(2)(3)
BH1	16207	Bolt	4	Note(4)
4 NY6	10041	Nut nyloc	4	Note(1)
NY1	16051L	Nut nyloc	4	Note(2)(3)
NV1	16047	Nut nyloc	4	Note(4)
Defend	er 130			
	2705	Arm radius	2	Note(1)
	7331	Arm radius	2	Note(2)
	7307	Bush	4	Note(1)
	6781	Bush	4	Note(2)
3 BH6	10281L	Bolt	4	Note(1)
BX1	16201L	Bolt	4	Note(2)(3)
BH1	16207	Bolt	4	Note(4)
4 NY6	10041	Nut nyloc	4	Note(1)
NY1	16051L	Nut nýloc	4	Note(2)(3)
NV1	16047	Nut nýloc	4	Note(4)
5 NRC	24514	Bush	4	
	4515	Washer dished	2	
Note(1)	Up to LA930	0434		
Note(2)	From LA930			
Note(3)	Up to LA94	4441		
Note(4)	From LA944	442		





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### AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards
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#### FRONT SUSPENSION - RADIUS ARM & LINKS

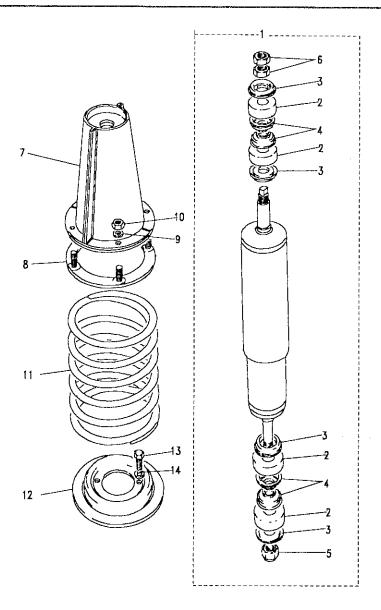
III.	Part No.		Description	Qty	Remarks
7	NRC4516		Washer plain	2	
8	NY120041L		Nut nyloc	2	
9	575707		Bump stop	2	
	FS108201		Screw	4	
	WA108051L		Washer plain	4	
	WL108001L		Washer spring	4	
	NY108041L		Nut	4	
	NRC9729		Rod panhard	1	
15	NRC9728		Bush rubber	2 2	Upto MA941556
	ANR3410		_Bush_rubber	2	From MA941557
16	BH114161		Bolt	1	Note(1)
	BH114167		Bolt	1	Note(2)
17	BH114161		Bolt	1	Note(1)
10	BH114167		Bolt	1	Note(2)
10	NY114041		Nut nyloc	2 2	Note(1)
10	NV114047 NTC9462		Nut nyloc		Note(2)
19	NTC9462		Arm mounting RH RHD	1	
20	253952		Arm mounting LH LHD	1	
	BH608461		Bolt Bolt	1	
	WC112081L		Washer plain	1	
	NY608041L		Nut	2	
20	1110000412		Nut	2	
Det	fender 130	3500Ka			
	RRC2281		Spacer bump stop front LH	1	
	FB108101		Bolt		
	WA108051L		Washer plain	2 2 2 2	
	WL108001L		Washer spring	2	
	FN108041L		Nut	2	
Not	e(1)	Upto LA9444	41		
	e(2)	From LA944			





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# AXLES AND SUSPENSION



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#### FRONT SUSPENSION - SHOCK ABSORBERS & ROAD SPRING

Ш.	Part No.	Description	Qty	Remarks
1 2 3 4	RTC4637 STC290 552818 500746 NRC4365	Kit shock absorber Kit shock absorber Cushion rubber Washer retaining Washer guide	2 2 8 8	Upto VIN HA475249 From VIN HA475250
5 6	NY608041L NV608041L	Nut nyloč Nut	8 2 2	Upto VIN HA475249 Alternative Upto VIN HA475249
9	NT608041L NTC4571 NRC6372 572087 WM600051L NH605041L	Lock nut Nut Bracket-shock absorber Ring securing Washer spring Nut	4 4 2 2 8 8	Upto VIN HA475249 From VIN HA475250
De	fender 110			
11	NRC8044 NRC8045 NRC9448 NRC9449	Spring front driver Spring front passenger Spring front driver Spring front passenger	1 1 1	Standard Standard Heavy Duty Heavy Duty
	<b>fender 130</b> NRC9448 NRC9449	Spring front driver Spring front passenger	1 1	
13	NRC9700 SH110251L WM110001L	Seat spring Screw Washer spring	2 4 4	





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## AXLES AND SUSPENSION

Model

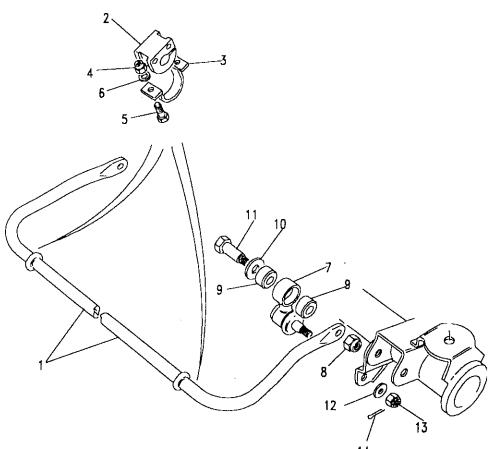
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AFEXIE1A





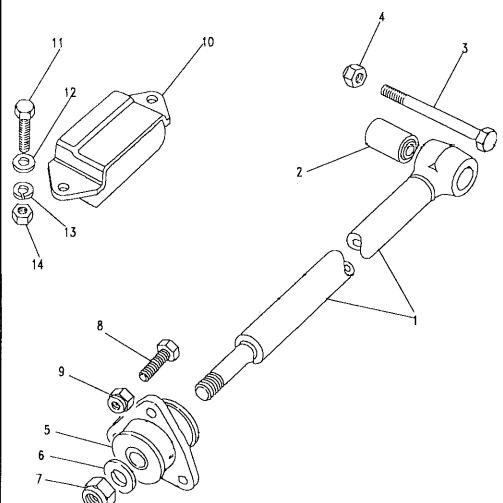






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### AXLES AND SUSPENSION



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#### REAR SUSPENSION - BOTTOM LINK

III.	Part No.	Description	Qty	Remarks
1	NTC4720	Link bottom (solid)	2	Note (1)
	NTC8328	Link bottom (hollow)	2	From VIN HA470437
2	NTC1772	Bush	2	
3	BH610321L	Bolt	2	
4	NY610041L	Nut	2	
5	STC618	Kit mounting rubber	1	Upto VIN JA910738
	NTC9027	Mounting rubber	2	From VIN JA910739
6	WA120001	Washer plain	2	
7	NY120041L	Nut nyloc	2	
8	SH110301	Bolt	6	
9	NY110041	Nut nyloc	6	
10	90575789	Bump stop	2	
11	FS108201	Screw	4	
12	WA108051L	Washer plain	4	
13	WL108001L	Washer spring	4	
14	NY108041L	Nut	4	

Note(1) Upto VIN HA470436 - No longer available - use NTC8328 which must be fitted in pairs





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# AXLES AND SUSPENSION

Model Page

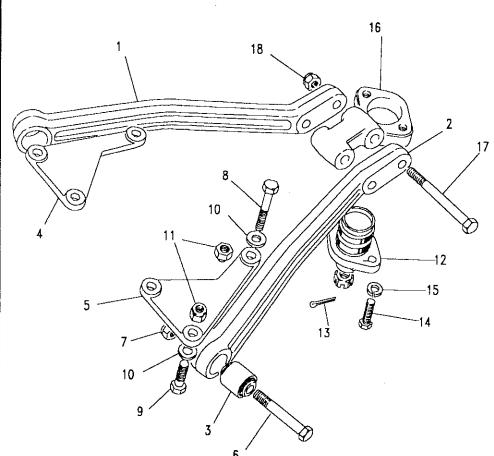
DEFENDER 110 1987 onwards

AFEXKA2A

#### REAR SUSPENSION - TOP LINK, FULCRUM, BALL JOINT

	111.	Part No.	Description	Qty	Remarks
2 17	1 2 3 4 5 6 7 8 9 10 11 12	NTC2706 NTC2707 NTC1773 575615 575616 BH612321 NY612041 BX110111L BX110091L WC110061L NY110051L NRC7661	Link top RH Link top LH Bush Bracket RH Bracket LH Bolt Nut nyloc Bolt Bolt Washer plain Nut nyloc Ball joint	1 1 2 1 1 2 2 2 4 6 6 1	Upto VIN 329694 No longer available
12	12	NTC1154 NRC9787 592445 NTC4260	Cable tie Cover dust Ring spring Ball joint	1 1 1	Use NTC4260 Upto VIN 329694 Upto VIN 329694 Upto VIN 329694 From VIN 329695
14	12	NTC9932	Ball joint	1	Upto VIN JA914425 From VIN JA914426
14	12	ANR1799 WB120001 NTC4618	Ball joint Washer special Nut 20mm	1 1 1	Upto VIN KA930263 From VIN KA930264 From VIN KA930264 From VIN 329695
		PS608101L PS106321L	Pin split Pin split	1	Upto VIN JA914425 From VIN JA914426
		SH605081L FS108201	Screw Screw	2 2 2	Upto VIN KA930263 From VIN KA930264
	15	WM600051L	Washer spring	2	Upto VIN KA930263

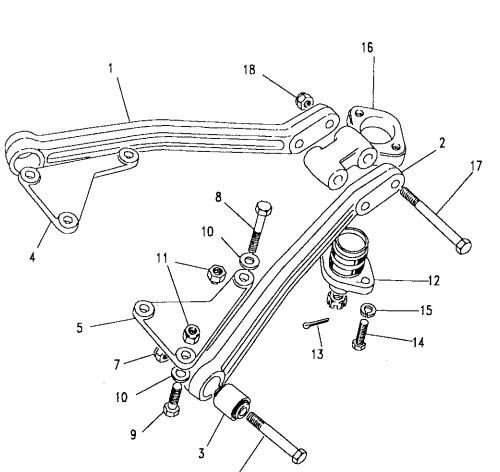






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### **AXLES AND SUSPENSION**



Model DEFENDER 110 1987 onwards
Page AFEXKA2A

#### REAR SUSPENSION - TOP LINK, FULCRUM, BALL JOINT

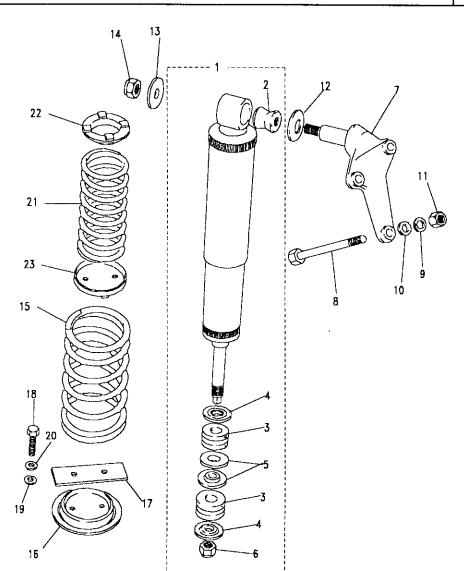
III. Part No.	Description	Qty	Remarks
16 NRC3923	Bracket fulcrum	1	Note(1)(Imperial) Upto VIN KA930263
ANR3037	Bracket fulcrum	1	Note(1)(Metric) From VIN KA930264
17 253952	Bolt	2	110111 1111 10100000
18 NY608041L	Nut nyloc	2	
Note(1) Not fitted	with self levelling unit.		





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## AXLES AND SUSPENSION



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#### REAR SUSPENSION - SHOCK ABSORBER & ROAD SPRING

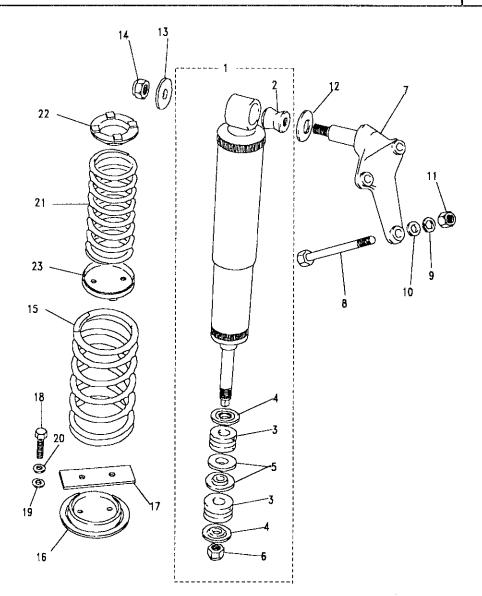
III.	Part No.	Description	Qty	Remarks
Le 1	velled suspension RTC4638 STC291	Kit shock absorber Kit shock absorber	2 2	Upto VIN HA473822 From VIN HA473823
No 1	on levelled suspensior RTC4639 STC292	N Kit shock absorber Kit shock absorber	2 2	Upto VIN HA478284 From VIN HA478285
De 1	efender 130 3500Kg STC293	Kit shock absorber	2	Heavy Duty
2 3 4 5 6	NRC5593 552818 500746 NRC6235 NY608041L NV608041L	Bush rubber Cushion rubber Washer retaining Washer guide Nut Nut	2 4 4 4 2 2	Use on RTC4638/39 Alternative Use on RTC4638/39
12	NTC4571 NRC7981 BH110221L WM110001L WC110061L NH110041L NRC5602 NRC5603 NY112041L	Nut Bracket shock absorber Bolt Washer spring Washer plain Nut Retainer inner Retainer outer Nut	2 2 6 6 6 6 2 2 2	Use on STC291 STC292 and STC293





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### AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards
Page AFEXKC1A

#### REAR SUSPENSION - SHOCK ABSORBER & ROAD SPRING

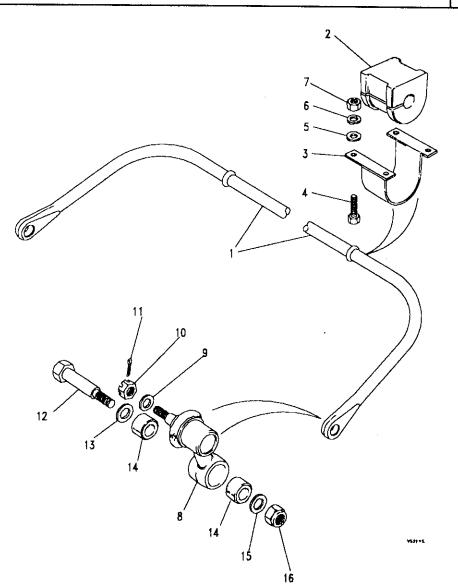
III. Part No.	Description	Qty	Remarks
Defender 110 - Levelled 15 NRC6388 NRC7000	<b>Suspension</b> Spring rear driver Spring rear passenger	1 1	Standard Standard
Defender 110 - Non Lev 15 NRC6389 NRC6904	<b>relled Suspension</b> Spring rear driver Spring rear passenger	1	Heavy duty Heavy duty
<b>Defender 130</b> 15 NRC6389 NRC6904	Spring rear driver Spring rear passenger	1	
16 NRC4317 17 NRC4318 18 SH110251L 19 WA110061L 20 WM110001L	Seat Retainer Screw Washer plain Washer spring	2 2 4 8 4	
Defender 130 - 3500kg			
21 RRC3266 22 RRC3352 23 RRC3355 18 FS110301L 19 WA110001L	Helper spring Retainer upper Retainer lower Screw Washer plain	2 2 4 4	





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# AXLES AND SUSPENSION



Model DEFENDER 110 1987 onwards
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#### REAR SUSPENSION - ANTI ROLL BAR

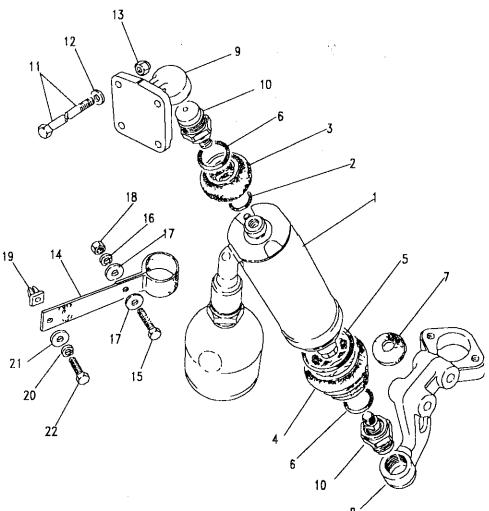
1 NRC6221 Anti roll bar 1 2 NRC5674 Bush 2 3 592773 Strap 2	ty Remarks
4 FS108251L Screw 8 5 WA108051L Washer plain 8 6 WL108001L Washer spring 8 7 NY108041L Nut 8 NTC1888 Ball joint and link assy 2 9 WC112081 Washer 2 10 NC112041 Nut 2 11 PS105251 Pin split 2 12 NRC6658 Pin-anti roll bar 2 13 264024 Washer 2 14 552819 Bush 2 15 WC116101 Washer plain 2 16 NY116041L Nut 2	





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### AXLES AND SUSPENSION



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#### REAR SUSPENSION - LEVELLING UNIT - OPTIONAL

	III.	Part No.	Description	Qty	Remarks
	1 2 3 4 5 6 7 8 9 10 11 12 13 14	NRC7050 NRC7066 NRC5707 NRC6561 577703 90577704 NRC8007 90575878 ANR3036 NRC8375 575882 BH110351 NRC5758 NY110041L NRC6320 NRC8518	Levelling unit Ring spring Gaiter-upper Gaiter-lower Ring spring-large Ring spring-small Dirt seal Fulcrum bracket imperial Fulcrum bracket metric Housing Ball joint Bolt Washer Nut nyloc Strap Strap-additional	Qty  1 1 1 1 1 1 1 1 2 4 4 4 1 1	Remarks  Upto VIN KA930263 From VIN KA930264
<b>)</b>	16 17 18 19 20 21	SH106301 WL106001L 2215L NH106041L NN106011 WL106001L 2215L FS106201L	Screw Washer spring Washer plain Nut Nutsert Washer spring Washer plain Flange screw	1 1 1 1 1 1 1	





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### **STEERING**

#### **MASTER INDEX**

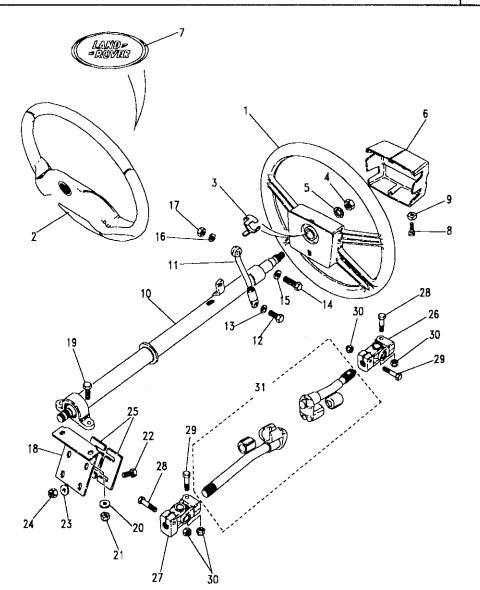
	5.000	GROUP F	
INTRODUCTION PAGES ALPHABETICAL INDEX ENGINE	PAGES 1 - 7 8 - 16 17 - 66	STEERING	
ENGINE ENGINE ENGINE ENGINE ENGINE ENGINE ENGINE GEARBOX GEARBOX TRANSFER BOX TRANSFER BOX TRANSFER BOX AXLES AND SUSPENSION STEERING VEHICLE AND ENGINE CONTROLS BRAKES FUEL SYSTEM AND AIR CLEANER EXHAUST SYSTEM COOLING/HEATING COOLING/HEATING COOLING/HEATING COOLING/HEATING COOLING/HEATING COOLING/HEATING BODY ELECTRICAL BODY AND CHASSIS INTERIOR TRIM SEATS STOWAGE ACCESSORIES - PAINTS NUMERICAL INDEX	17 - 108 67 - 119 120 - 166 167 - 209 210 - 245 246 - 299 300 - 326 327 - 344 345 - 359 360 - 378 379 - 397 398 - 444 445 - 471 472 - 486 487 - 517 518 - 579 580 - 593 584 - 637 638 - 641 642 - 649 650 - 655 656 - 666 667 - 740 741 - 909 910 - 955 956 - 1036 1037 - 1046 1047 - 1074 1076 - 1151	STEERING STEERING WHEEL AND COLUMN STEERING COLUMN SHROUD COLUMN TOP SUPPORT MANUAL STEERING BOX - GEMMER MANUAL STEERING BOX - ADWEST POWER STEERING BOX - ADWEST STEERING TRACK RODS POWER STEERING RESERVOIR POWER STEERING PIPES - UPTO VIN JA918809 POWER STEERING PIPES - FROM VIN JA918810	446 - 448 449 450 451 - 453 454 455 - 456 457 - 461 462 - 463 464 465 - 469 470 - 471





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### **STEERING**



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#### STEERING - STEERING WHEEL AND COLUMN

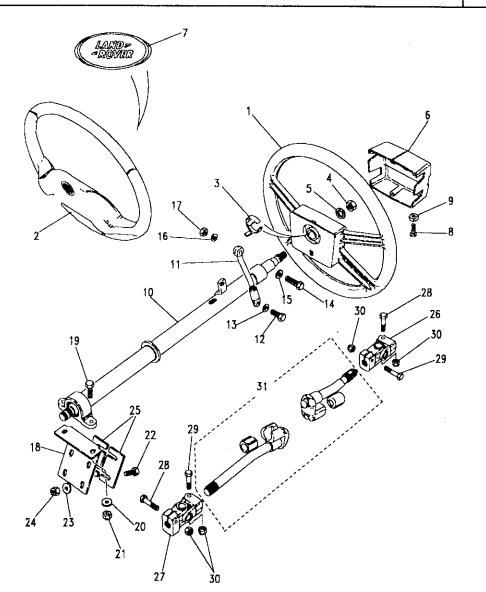
III. Part No.		Description	Qty	Remarks
Defender 110 1 NRC5281 1 NTC4844 2 NTC8847 ANR3231		Wheel steering Wheel steering Wheel steering Wheel steering	1 1 1	Upto VIN HA906578 Note(1) Upto VIN HA906578 Note(2) Note(3)
Defender 130 1 NRC5281 1 NTC4844 2 NTC8847 ANR3231		Wheel steering Wheel steering Wheel steering Wheel steering	1 1 1	Upto VIN HA906988 Note(1) Upto VIN HA906988 Note(2) Note(3)
Defender 110 3 NRC7636 4 CRC2015 5 WE600081	and 130	Ring striker Nut Washer shakeproof	1 1	
Defender 110 6 NRC6747 6 NTC7731 7 NTC8848		Moulding Moulding Cap centre	1 1 1	Upto VIN HA906578 Note(1) Upto VIN HA906578 From VIN JA906579
Note(1) Note(2) Note(3)		nty Station Wagon - Leather tri 580, up to LA936926 927	mmec	i





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## **STEERING**



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#### STEERING - STEERING WHEEL AND COLUMN

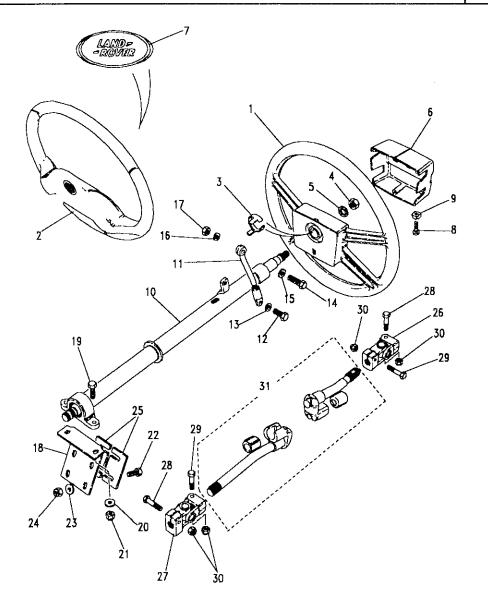
III. Part No.	Description	Qty	Remarks
<b>Defender 130</b> 6 NRC6747 6 NTC7731	Moulding Moulding	1	Upto VIN HA906988 Note(1)
7 NTC8848 8 SE106121L 9 NK106081	Cap centre Screw Nut grip	1 1 1	Upto VIN HA906988 From VIN JA906989 Upto VIN HA906988 Upto VIN HA906988
<b>Defender 110</b> 10 NRC7635 10 NTC9068	Column steering Column steering	1	Note(2) Upto VIN HA906578 Note(2) From VIN JA906579
<b>Defender 130</b> 10 NRC7635 10 NTC9068	Column steering  Column steering	1	Note(2) Upto VIN HA906988 Note(2) From VIN JA906989
Note(1) Note(2)	Option -County Station Wagon - Leather tri Steering column lock - see page 711 - 712		f





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### **STEERING**



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#### STEERING - STEERING WHEEL AND COLUMN

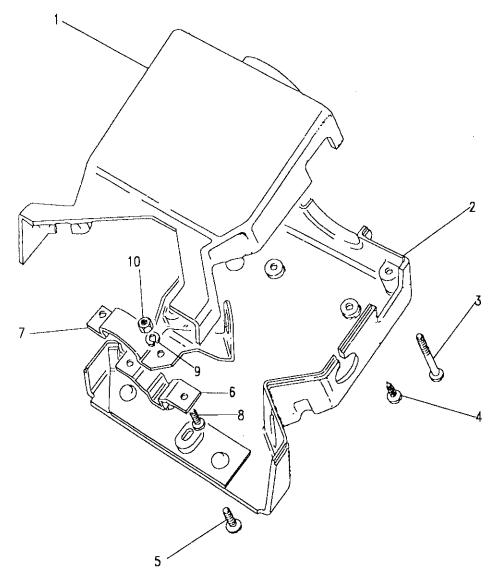
III. Part No.	Description	Qty Remarks
Defender 110 and 130 11 NRC9711 12 SH110161L 13 WL110001L 14 SH110301L 15 WA110061L	Tie rod Screw Washer spring Screw	1 1 1 1
16 WL110001L 17 NH110041L 18 NRC7127 19 FB108251 20 WC108051L 21 NY108041L 22 FB108251 23 WC108051L 24 NY108041L 25 569522 26 NRC7387 27 NRC7704 28 BH108091L 29 BH108091L 30 NY108041L	Washer plain Washer spring Nut Support Bolt Washer plain Nut nyloc Bolt Washer plain Nut nyloc Packing piece Universal joint Universal joint Bolt Bolt Nut nyloc	1 1 1 2 2 2 2 4 4 4 4 4 1 1 2 2 2





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### **STEERING**



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#### STEERING - STEERING COLUMN SHROUD

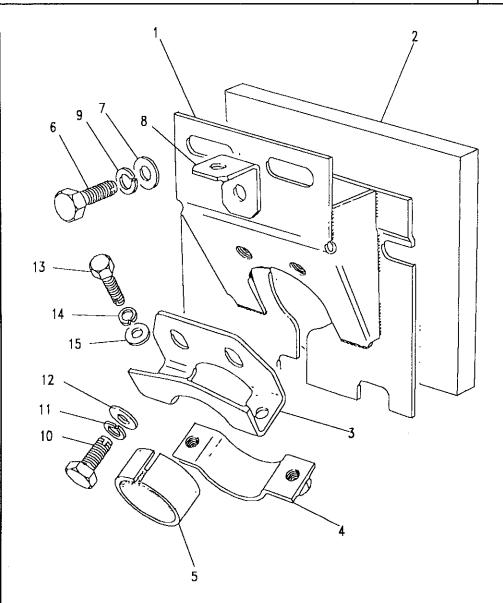
III. Part No.	Description	Qty R	emarks
1 MTC3499 2 MTC3801	Shroud-upper Shroud-lower	1 1	
Fixing - Upper to lowe 3 SE105401	r shroud Screw	2	
Fixing - Lower shroud 4 AR608031L	to switch plate Screw	2	
<b>Fixing - Lower shroud</b> 5 SE105161 6 NRC7836 7 NRC7835	to ignition switch Screw Clamp Bracket	1 1 1	
Fixings - Clamp to bra 8 SH105121 9 WA105001 10 NH105041 331083	<b>cket</b> Screw Washer plain Nut Grommet-blanking	2 2 2 1 Die	esel
001000	Grommer blanking	i Di	3001





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#### **STEERING**



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#### STEERING - COLUMN TOP SUPPORT

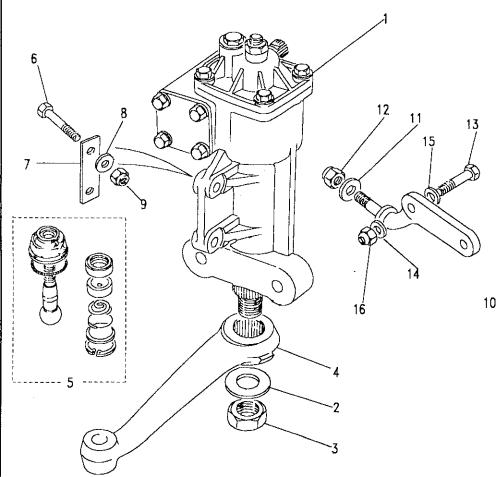
III.	Part No.	Description	Qty Remarks
1	MTC1382	Bracket support	1
2	MUC7000	Seal	1
3	346722	Clamp-Top	1
4	MTC1078	Clamp-Lower	1
5	348747	Strip rubber	1
6	FS108251L	Screw	2
7	WA108051L	Washer plain	1
8	MTC4771	Bracket-dash cable	1
9	WL108001L	Washer spring	2
	NN108021	Nutsert	2
10	GG108251L	Screw	2
11	WA108051L	Washer plain	2
12	WL108001L	Washer spring	2 .
13	GG106251L	Screw	2
14	WL106001L	Washer spring	2
15	WA106041L	Washer plain	2





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## **STEERING**



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#### STEERING - MANUAL STEERING BOX - GEMMER

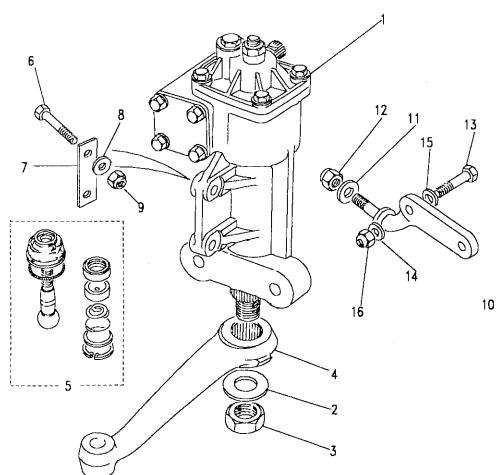
HI.	Part No.		Descrip	tion	Qty	Remarks	
Riç 1	ght Hand S NRC8588	Steering	Steering	box	1	Note(1) No longer available	
	NTC2590		Steering	box	1	Use NTC2590 Note(2) No longer available	
	NTC2590E		Steering	box	1	Use NTC8224 Note(2) Exchange	
Le <sup>1</sup>	ft <b>Hand St</b> NRC8589	eering	Steering	box	1	Note(1) No longer available	
	NTC2591		Steering	box	1	Use NTC2591 Note(2)	
	NTC2591E		Steering	box	1	Upto VIN JA920706 Note(2) Upto VIN JA920706 No longer available Use NTC8223	
2 3	AEU4025 AEU4026		Washer		1	036 11100220	
4	RTC6398 RTC6399		Nut Drop arn Drop arn		1	Note(3) Note(3)	
Not	te(1) te(2) te(3)	Upto VIN 31 From VIN 3 <sup>-1</sup> Use RTC41 RTC6398/RT	11628 RH 98 Ball	IS VIN 3225	ing	replacement drop	arm





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#### **STEERING**



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#### STEERING - MANUAL STEERING BOX - GEMMER

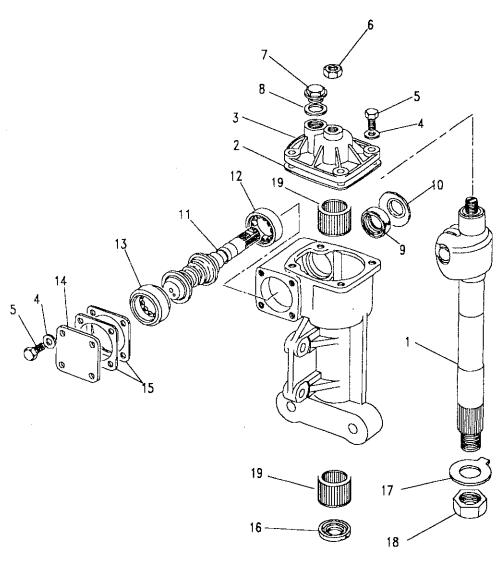
III. Part No.		Description	Qty	Remarks
5 AEU2761		Ball joint kit	1	Note(3)
RTC4198 6 BH607381		Ball joint kit Bolt	1 4	Note(4) Note(3)
BX112201 7 572077		Bolt Washer tab	4	Note(4)
8 WA600071		Washer plain	2 8	Note(3)
WA112081L 9 NY607041L		Washer plain Nut nyloc	4 4	Note(4)
10 594947		Tie bar-RHS		Note(3)
594946 ANR2994		Tie bar-LHS	1)	Note(1)
ANNZ994		Tie bar LHS & RHS	2	Note(2)
Tie bar to pa	inhard rod	What a sin		
11 4905 12 252164		Washer plain Nut	1 1	
Tie her steer	ina hav			
Tie bar steeri 13 253963	ing box	Bolt	2	Note(1)
BH607191		Bolt	2	Note(2)
14 217245 15 3261		Washer plain Washer plain	2 2 2 2 2	
16 NY607041L		Nut nyloc	2	
Note(1)	Up to LA939			
Note(2) Note(3)	From MA939 Upto VIN 31	19976   1627 RHS   VIN 322575 LHS		
Note(4)	From VIN 3			





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## **STEERING**



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#### STEERING - MANUAL STEERING BOX - GEMMER

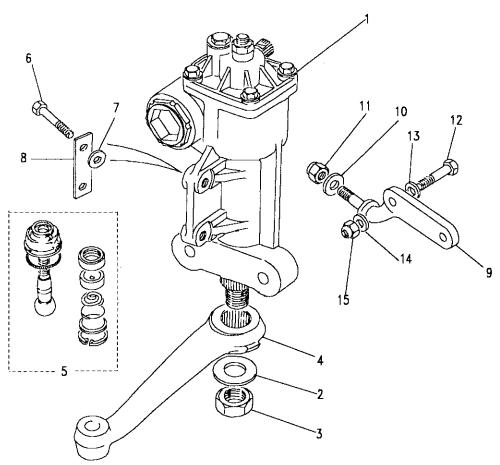
Ш.	Part No.	Description	Qty	Remarks
1	RTC5909	Rockershaft	1	LHS
	RTC5908	Rockershaft	1	RHS
2	BAU4865	Seal	1	Part of STC603
3	AEU4013	Cover plate	1	
4	AEU4014	Screw	8	
5	AEU4015	Washer	8	
6	AEU4016	Nut	1	
7	AEU4017	Filler plug	1	
8	AEU4018	Seal	1	
9	BAU4870	Seal-Wormshaft	1	Part of STC603
10	AEU4019	Dust seal	1	Part of STC603
11	AEU4020	Wormshaft	1	LHS
	AEU4021	Wormshaft	1	RHS
12	RTC6130	Bearing	1	-
13	RTC6129	Bearing	1	
14	AEU4023	Plate cover	1	
15	BAU4871	Shim	A/R	Part of STC603
16	AEU4024	Seal	1	
17	AEU4025	Washer tab	1	
18	AEU4026	Nut	1	Part of STC603
19	STC1055	Bearing needle	2	
	STC603	Seal kit	1	





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#### **STEERING**



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#### STEERING - MANUAL STEERING BOX - ADWEST

III.	Part No.	Description	Qty	Remarks
1	NTC8224	Steering box-RHS	1	
1	NTC8223	Steering box-LHS	1	From VIN JA920707
2	600265	Washer tab	1	
3	NH614041	Nut	1	
4	STC1044	Drop arm-RHS	1	
4	STC1045	Drop arm-LHS	1	
5	RTC4198	Kit ball joint	1	
6	BX112201	Bolt	4	
	WA112081L	Washer plain	4	
8	572077	Washer tab	2	
9	594947	Tie bar-RHS	1)	
	594946	Tie bar-LHS	1)	Note(1)
	ANR2994	Tie bar LHS & RHS	2	Note(2)
10	4905	Washer plain	1	• •
	NY608041L	Nut	1	
12	BH607161L	Bolt	2	Note(1)
	BH607191L	Bolt	2	Note(2)
13	3261	Washer plain	2	• •
14	217245	Washer plain	2 2 2	
15	NY607041L	Nut	2	
	STC892	Kit repair steering box	1	
	STC897	Kit filler plug	1	
		<del>-</del>		

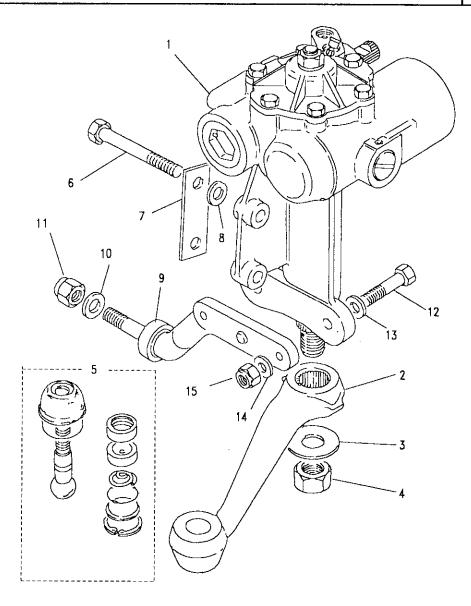
Note(1) Up to LA939975 Note(2) From MA939976





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### **STEERING**



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STEERING - POWER STEERING BOX - GEMMER

III. Part No. Description Qty Remarks

Upto VIN 290109

From VIN 290110 Upto JA919038 - See Note(1)

From VIN JA919039 - See Adwest Steering box-RHS Steering Box-RHS Steering box-LHS Steering Box-LHS Drop arm-RHS NTC1582 NTC1582E NTC1583 NTC1583E RTC6398 RTC6399 Drop arm-LHS AEU4025 Washer AEU4026 Nut RTC4198 Ball joint kit BX112201 Bolt 572077 Washer tab WA112081L Washer plain 594947 Tie bar RHS NLA Use ANR2994 with 2 X BH607201L bolts Note(1) ANR2994 Tie bar LHS & RHS Note(2) 594946 Tie bar-LHS 10 4905 Washer plain 11 NY608041L Nut

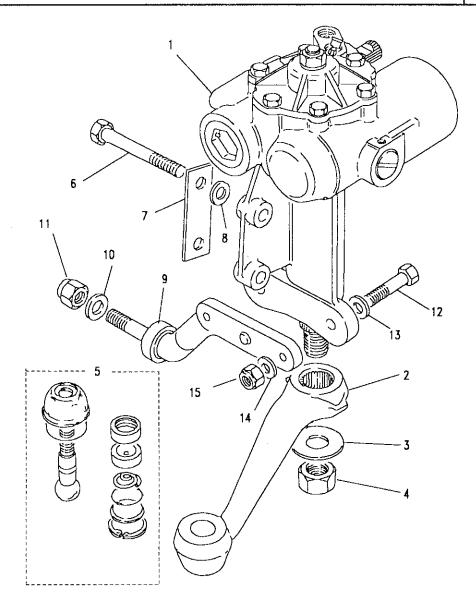
Note(1) Up to LA939769 Note(2) From LA939770





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#### **STEERING**



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#### STEERING - POWER STEERING BOX - GEMMER

III.	Part No.	Description	Qty	Remarks
12 13 14 15	BH607161L BH607191L 3261 217245 NY607041L RTC5071	Bolt Bolt Washer plain Washer plain Nut Seal kit	2 2 2 2 1	Note(1) Note(2)
	RTC5074 RTC5068	Bearing kit-housing Valve assembly-LHD	1	No longer available
	RTC5069	Shaft output-LHD	1	No longer available
	RTC5070 RTC5072	Shaft output-RHD Piston rack kit	1	No longer available
	RTC5073	Cover assy-output shaft	1	No longer available

Note(1) Note(2) Note(3)

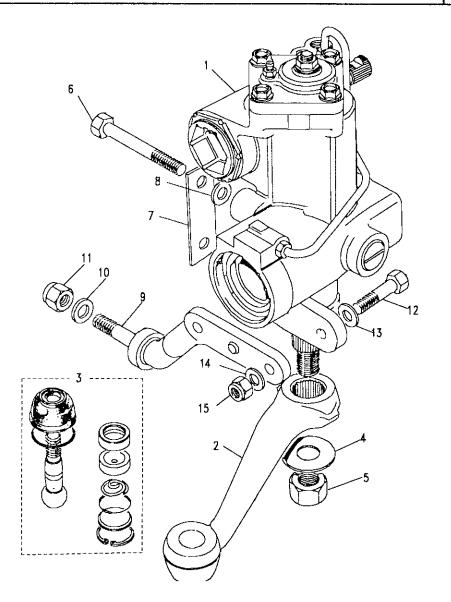
Up to LA939769 From LA939770 From VIN 290110 - Gemmer or Adwest Lighweight may be fitted -Check before ordering





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#### **STEERING**



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STEERING - POWER STEERING BOX - ADWEST

III. Part No. Description **Qty Remarks** 

From VIN 290110 Upto JA919038 - See Note(1)

Fr	om VIN JA919039	onwards	
1	STC398	Steering box RHS	1 Upto VIN JA919038
1	STC837	Steering box RHS	NLA From VIN JA919039
		3	Upto VIN KA625024
			Use STC887
	STC887	Steering box RHS	1 From VIN KA625025
	STC888	Steering box LHS	1
	STC8384E	Steering Box RHS	1 Exchange
	STC8383E	Steering Box LHS	1 Exchange
2	STC1044	Drop arm and ball joint	1 RHS
	STC1045	Drop arm and ball joint	1 LHS
3	600265	Washer tab	1
4	NT614041L	Nut	1
5	RTC4198	Ball joint kit	1
6	BX112201	Bolt	4
7	572077	Washer tab	2
8	WA112081L	Washer plain	4
9	594947	Tie bar RHS	NLA Use ANR2994 with
			2 X BH607201L bolts
			Note(1)
	ANR2994	Tie bar LHS & RHS	1 Note(2)
	594946	Tie bar LHS	1 Note(1)

Note(1) Note(2) Note(3) Up to LA939769 From LA939770

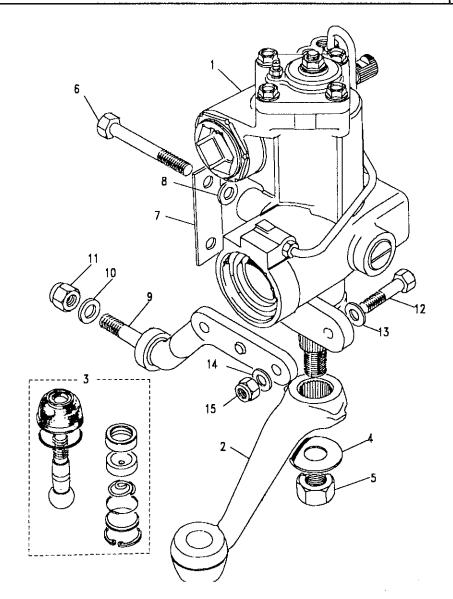
From VIN 290110 upto VIN JA919038 - Gemmer or Adwest may be fitted - Check before ordering





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#### **STEERING**



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STEERING - POWER STEERING BOX - ADWEST

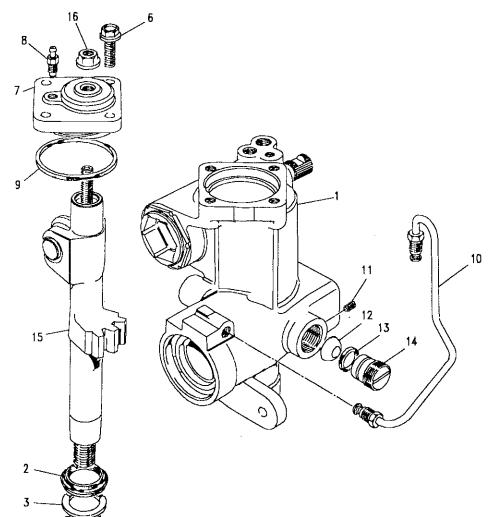
III. Part No.		Description		Qty	Remark	(S		
<b>Tie bar to pa</b> 10 4905 11 NY608041L	inhard rod	Washer plain Nut		1 1				
Tie bar to ste 12 BH607161L BH607191L 13 3261L 14 217245 15 NY607041L	eering box	Bolt Bolt Washer plain Washer plain Nut nyloc		2 2 2 2 2	Note(1) Note(2)			
Note(1) Note(2) Note(3)			JA919038 -	Gem	mer or .	Adwest	may	be





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#### **STEERING**



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STEERING - POWER STEERING BOX - ADWEST

III. Part No. Description Qty Remarks

From VIN 290110 Upto JA919038 - See Note(1)

From VIN JA919039 onwards 1 RTC4391 Housing-RHS Note(3) No longer available RTC4392 Housing-LHS Note(3) No longer available STC416 STC417 Housing-RHS Housing-LHS Note(4) Note(4) 608066 Seal NLA Note(2) (5) 2 3 4 Washer-backup Note(2) (5) Seal-backup Note(2) (5) 606551 Circlip NLA Note(5) RTC6110 Dust Seal Note(5) RTC4393 Screw STC418 Cover and bearing RTC4395 Screw bleed Seal Note(2)

Note(1) From VIN 290110 upto VIN JA919038 - Gemmer or Adwest may be fitted - Check before ordering

Note(2) Part of STC876

Note(3) For steering box NTC1580/1

Note(4) For steering box NTC8416/7

Note(5) Part of STC1042

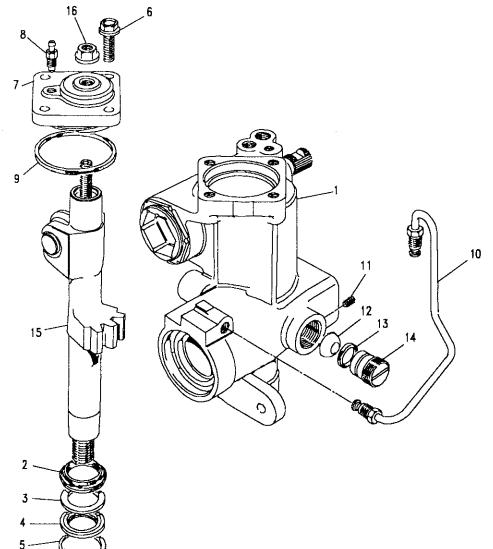
Note(6) Part of STC1040





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## STEERING



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#### STEERING - POWER STEERING BOX - ADWEST

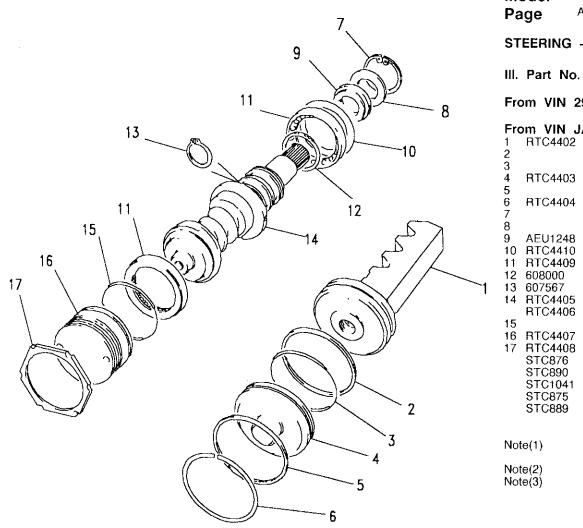
III.	Part No.	Description	Qty	Remarks
11 12 13 14 15	RTC4400 RTC4401 11011L 606544 608065 606545 RTC4398 RTC4399 RTC4394 STC876 STC1042 STC1040	Pipe-oil transfer-RHS Pipe-oil transfer-LHS Screw Pad Seal Screw adjusting Sector shaft & nut-RHS Sector shaft & nut-LHS Nut Seal kit-overhaul Seal kit-pad adjuster	1 1 NLA 1 1 1 1 1 1	Note(6) Note(6) Note(2) Note(6)
No No No No	te(1) te(2) te(3) te(4) te(5) te(6)	From VIN 290110 upto VIN JA919038 fitted - Check before ordering Part of STC876 For steering box NTC1580/1 For steering box NTC8416/7 Part of STC1042 Part of STC1040	- Gemi	mer or Adwest may be





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#### **STEERING**



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#### STEERING - POWER STEERING BOX - ADWEST

Description

**Qty Remarks** 

From VIN 290110 Upto JA919038 - See Note(1)									
Fre	From VIN JA919039 onwards								
1	RTC4402	Piston	1						
2		Ring teflon	i .	Note(2)					
2 3		O-ring	1	Note(2)					
4	RTC4403	Cover	1	11010(2)					
5		Seal	i .	Note(2)					
6	RTC4404	Ring retaining	1	11010(2)					
7		Circlip	1	Note(3)					
8		Washer	1	Note(2) (3)					
9	AEU1248	Seal-rotor	ŃΙΑ	Note(2) (3)					
10	RTC4410	Shim set	1	11010(2) (0)					
11	RTC4409	Bearing race	ż						
12	608000	Ring teflon	2						
13	607567	Circlip	ĭ						
14	RTC4405	Worm and valve-RHS	i						
	RTC4406	Worm and valve-LHS	1						
15		Seal	1	Note(2)					
16	RTC4407	Screw-worm adjusting	1	(_)					
17	RTC4408	Lock nut	Ť						
	STC876	Seal kit-overhaul	NLA	use STC890					
	STC890	Seal kit-overhaul	1						
	STC1041	Seal kit-input shaft	NLA	use STC875					
	STC875	Seal kit-input shaft		use STC889					
	STC889	Seal kit-input shaft	1						
		,							

Note(1) From VIN 290110 upto VIN JA919038 - Gemmer or Adwest may be fitted - Check before ordering

Part of STC876 Part of STC1041 Note(2)

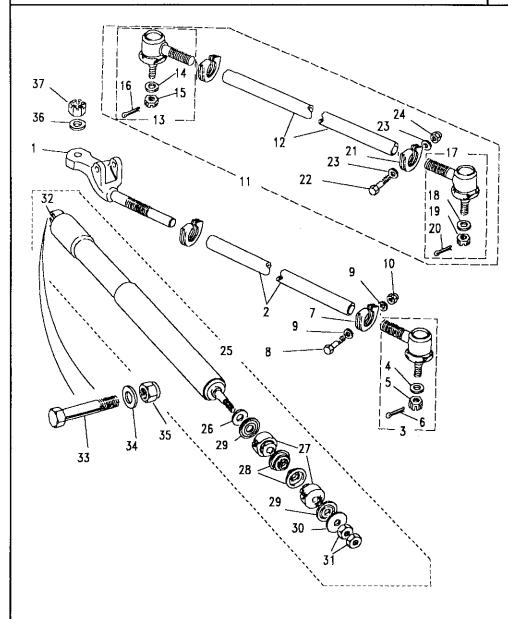
Note(3)





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#### **STEERING**



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#### STEERING - STEERING TRACK RODS

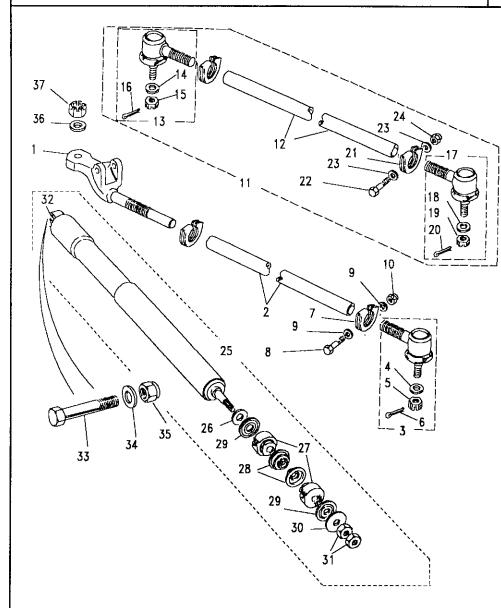
III.	Part No.	Description	Qty	Remarks
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	NRC8231 ANR2858 NRC8232 ANR2859 NRC9741 ANR2860 RTC5869 WC112081L NC112041 PS105321L 577898 BH604151L WA106041L NY604041L NRC9743 NRC9743 NRC9742 RTC5869 WC112081L NC112041 PS105321L RTC5870	Crossrod eye end-RHS Crossrod eye end-LHS Crossrod eye end-LHS Crossrod eye end-LHS Tube crossrod Tube crossrod Ball joint kit RH Washer plain Nut castle Pin split Clamp Bolt Washer plain Nut nyloc Track rod assembly Tube track rod Ball joint kit RH Washer plain Nut castle Pin split Clamp Bolt Cl	Qty	Hemarks  Upto LA939975 From MA939976 Upto LA939975 From MA939976 Upto LA939975 From MA939976
19	WC112081L NC112041 PS105321L	Washer plain Nut castle Pin split	1 1 1	





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## STEERING



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#### STEERING - STEERING TRACK RODS

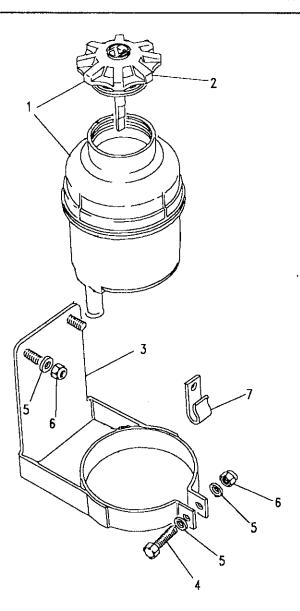
III. Part No.	Description	Qty Remarks			
21 577898 22 BH604151L 23 WA106041L 24 NY604041L 25 RTC4472 26 595199 27 568858 28 543819 29 90575597 30 WJ110001L 31 AFU4214 32 NTC1775	Clamp Bolt Washer plain Nut nyloc Damper steering kit Washer plain Bush rubber Washer intermediate Washer stem Washer plain Nut thin M10 Bush rubber	2 4 2 1 1 2 2 2 1			
33 BH110121L 34 WA110061L 35 NY110041L	Bolt-damper to crossrod Washer plain Nut nyloc	1 1 1			
Steering drop arm to crossrod  36 WC112081L Washer plain 1  37 NC112041 Nut castle 1					





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#### **STEERING**



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#### STEERING - POWER STEERING RESERVOIR

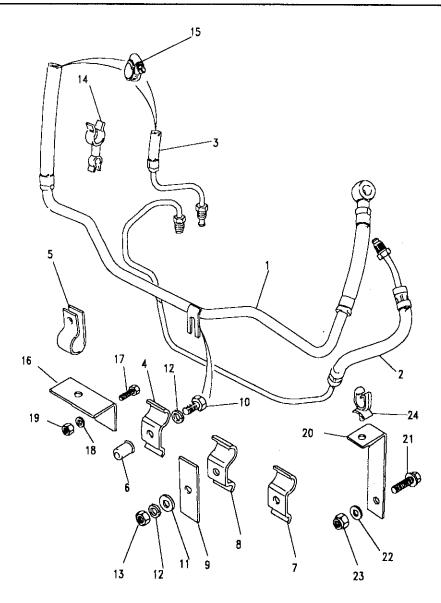
1 ANR1998 2 NTC2723 3 ANR3327 4 SH106251L 5 WA106041L 6 NY106041 7 NRC2383	Reservoir assembly Cap reservoir Carrier bracket Screw Washer plain Nut nyloc P-clip	1 1 1 1 4 3





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### **STEERING**



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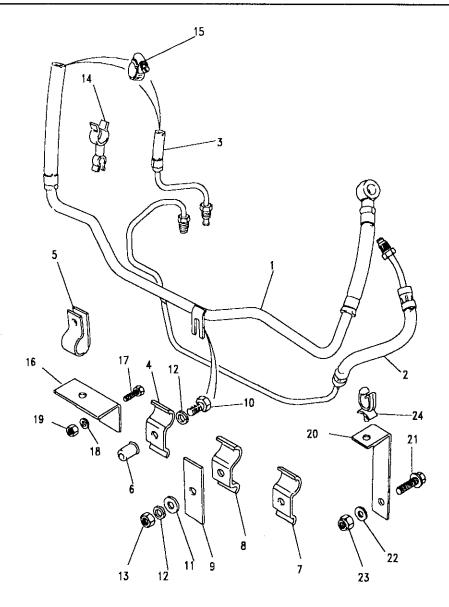
III. Part No.	Description	Qty	Remarks
4 Cylinder Petrol and 1 NTC1691 1 NTC6863	Non Turbo Diesel Pipe-reservoir to pump Pipe-reservoir to pump	1	Upto VIN FA388915 From VIN FA388916
Diesel Turbo 1 NTC3066 1 NTC6863	Pipe-reservoir to pump Pipe-reservoir to pump	1 1	Upto VIN FA388915 From VIN FA388916 Upto VIN FA455645
<b>200Tdi</b> 1 NTC8192	Pipe-reservoir to pump	1	
<b>V8</b> 1 NTC2595	Pipe-reservoir to pump	1	





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### **STEERING**



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#### STEERING - POWER STEERING PIPES - UPTO VIN JA918809

III. Part No. Description Qty Remarks

4 Cyl Petrol and Non Turbo Diesel - Right Hand Steering
2 NTC5001 Pipe-pump to strg box 1 Upto VIN FA389464
2 NTC6731 Pipe-pump to strg box 1 From VIN FA389465

Diesel Turbo - Right Hand Steering
2 NTC5001 Pipe-pump to strg box 1 Upto VIN FA389464
2 NTC6731 Pipe-pump to strg box 1 From VIN FA389465

200Tdi - Right Hand Steering
2 NTC8193 Pipe-pump to strg box 1

V8 - Right Hand Steering
2 NTC2597 Pipe-pump to strg box 1

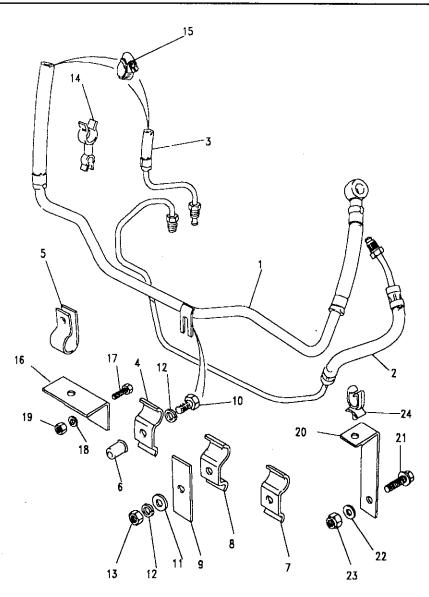
RTC4826 O-ring 1





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## **STEERING**



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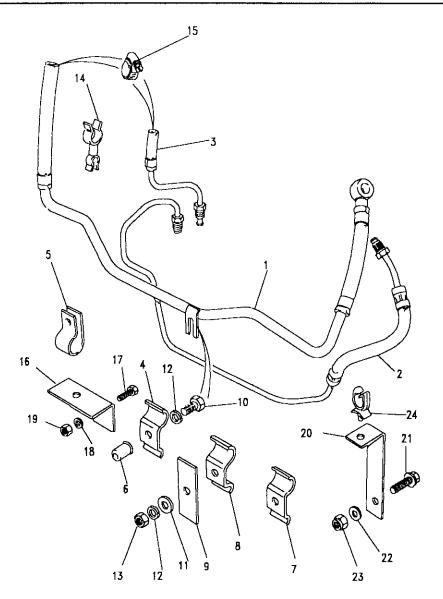
III. Part No.	Description	Qty	Remarks
4 Cyl Petrol and Non To 2 NTC5000 2 NTC6730	urbo Diesel - Left Hand Pipe-pump to strg box Pipe-pump to strg box	Steeri 1	<b>ng</b> Upto VIN FA389107 From VIN FA389108
Turbo Diesel - Left Hand 2 NTC5000 2 NTC6730	d Steering Pipe-pump to strg box Pipe-pump to strg box	1 1	Upto VIN FA389107 From VIN FA389108
200Tdi - Left Hand Stee 2 NTC8191	<b>ring</b> Pipe-pump to strg box	1	
V8 - Left Hand Steering 2 NTC6790	Pipe-pump to strg box	1	
RTC4826	O-ring	1	





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### **STEERING**



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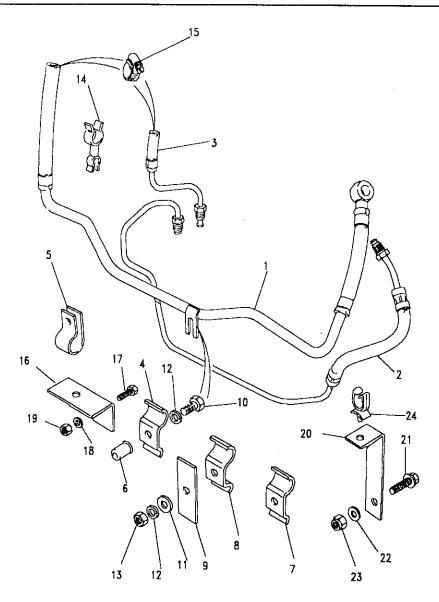
111.	Part No.	Description	Qty	Remarks
3	NTC8861 NTC8860 RTC4825	Pipe-strg box to reserv Pipe-strg box to reserv O-ring	1 1	RHS LHS
4 5	NRC6302 NRC8408 NRC9492 NTC3791	Pipe Clip-air cleaner-RHS Pipe clip-air cleaner-LHS Clip support	1 1 1	4 cyl petrol 4 cyl petrol Diesel
6 7	NN106011 NRC9302 NRC8404	Clip support Nutsert Clip pipe-crossmember-RHS Clip pipe-crossmember-LHS	2 2 2	Diesel turbo
8	NRC8404 NRC6302 NRC8404	Clip pipe Clip pipe-RHS Clip pipe LHS	1 1 1	Up to HA465297 From HA465298 From HA465298
9 10	NRC8405 SH106121L SH106161L SH106121L SH106161L	Plate Screw-clip to crossmember Screw-clip to crossmember Screw-clip to crossmember Screw-clip to crossmember	1 3 2 4 3	4 cyl RHS V8 RHS 4 cyl LHS V8 LHS
12	WA106041L WL106001L NH106041L	Washer plain Washer spring Nut	A/R A/R A/R	VO LIIO





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### **STEERING**



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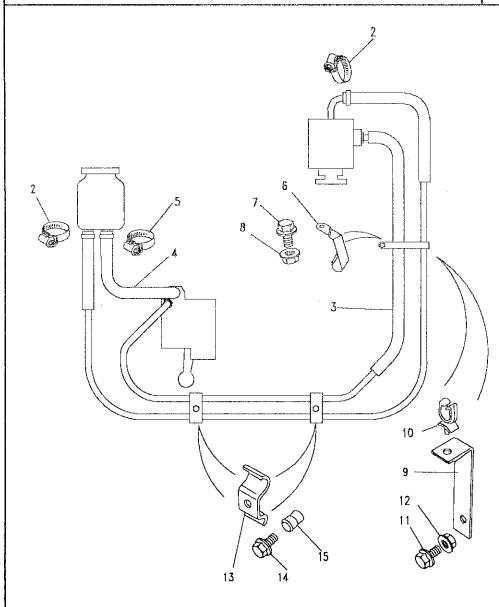
Description	Qty	Remarks
Clip swivel	1	
Clip swivel	1	Diesel Turbo
Clamp hose	Ź	
	1	
	1	Y
	ۇ :	)From VIN
		)FA389460
		1 11000-100
	1	)200Tdi
	i	)LHD
	i	)From VIN
	1	)HA455646
	1	111433040
	Clip swivel	Clip swivel 1 Clip swivel 1 Clamp hose 2 Clamp hose 1 Bracket support 4 cyl 1 Screw 2 Washer plain 2 Nut 2 Bracket 1 Screw 1 Washer plain 1 Nut nyloc 1





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#### STEERING



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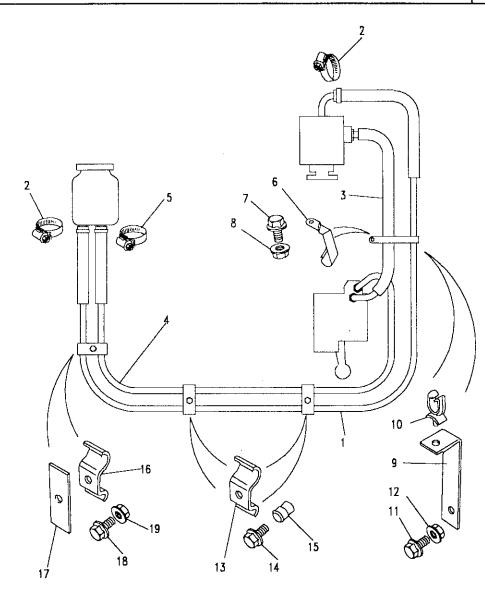
III. Part No.	Description	Qty	Remarks
Right Hand 9 1 NTC9073 NTC2595 NTC9073 NTC9071 ANR2485 2 CN100258L 3 NTC2597 ANR1969 NTC9072 ANR2135 4 NTC8861 ANR3598 5 CN100208L 6 NTC3791 7 FS106167L 8 FN106047L 9 NTC8263 10 ADU8363L 11 FS106167L 12 FN106047L 13 NRC6302 14 FS106167L 15 NN106021  Note(1) Note(2)	Pipe-reservoir to pump Clip hose Pipe-pump to stg box Pipe-p	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 Cyl Petrol V8 NatAsp Diesel 200Tdi Note(3) Tdi Note(4) V8 Note(1) V8 Note(2) Tdi Note(3) Tdi Note(4) Note(3) Note(4) )4 Cyl Petrol )and )NatAsp Diesel ) )200Tdi ) )
Note(4)	From MA939976		





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### **STEERING**



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III. Part No.		Description	Qty	Remarks
Left Hand St 1 NTC9073 NTC2595 NTC9073	eering	Pipe-reservoir to pump Pipe-reservoir to pump Pipe-reservoir to pump	1 1 1	4 Cyl Petrol V8 NatAsp Diesel
NTC9071 ANR2485 2 CN100258L 3 NTC9704		Pipe-reservoir to pump Pipe-reservoir to pump Pipe-reservoir to pump Clip hose Pipe-pump to stg box	1 1 2 1	Tdi Note(1) Tdi Note(2) 4 Cyl Petrol
NTC9099 NTC9704 NTC9074 ANR2136		Pipe-pump to stg box Pipe-pump to stg box Pipe-pump to stg box Pipe-pump to stg box	1 1 1	V8 NatAsp Diesel Tdi Note(1) Tdi Note(2)
4 NTC8860 ANR2487 5 CN100208L 6 NTC3791 7 FS106167L		Pipe-stg box to reservoir Pipe-stg box to reservoir Clip hose Clip pipe	1 1 1	Note(1) Note(2) )4 Cyl Petrol
7 FS106167L 8 FN106047L 9 NTC8263 10 ADU8363L 11 FS106167L		Screw Nut Bracket support Clip Screw	1 1 1 1	)and )NatAsp Diesel ) )200Tdi
12 FN106047L 13 NRC6302 NTC9208 14 FS106167L		Nut Clip Clamp Screw	1 2 2 2 2	Note(1) Note(2)
15 NN106021 16 NRC6302 17 NRC8405 18 FS106167L 19 FN106047L		Nut captive Clip Plate Screw Nut	2 1 1 1 1	
Note(1) Note(2)	Up to LA93: From MA93:	9975	,	

