TRANSMISSION Hydrostatic - Torque (C.20.F - D.20.A.10)

DC75, DC85, DC95

Pump mount bolts to frame	**68 - 81 Nm** (**50 - 60 lb ft**).
Motor mount bolts to final drives	**122 - 135.6 Nm** (**90 - 100 lb ft**)
Pump to motor hoses spit flange clamps	**90 - 100 Nm** (**66 - 74 lb ft**).
Inlet hose clamps	**6.5 - 7.6 Nm** (**58 - 68 lb in**).
Drive shaft to flywheel mount bolts	**285 - 305 Nm** (**210 - 225 lb ft**).
Center housing rear cover	
M20 hex bolts	**495 - 620 Nm** (**357 - 460 lb ft**).
M12 hex bolts	**99 - 128 Nm** (**73 - 94 lb ft**).

TRANSMISSION Hydrostatic - General specification (C.20.F - D.40.A.10)

DC75, DC85, DC95

Charge pump pressure	**24 bar (350 psi)**
Left Forward Pump Port MA	**414 bar (6000 psi)**
Left Reverse Pump Port MB	**414 bar (6000 psi)**
Right Forward Pump Port MB	**414 bar (6000 psi)**
Right Reverse Pump Port MA	**414 bar (6000 psi)**

NOTE: *The hydraulic and hydrostatic oil must be at an operating temperature of* ***49 - 63 °C*** *(****120 - 145 °F****) when checking pressure specifications.*

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Final drive - Capacity (D.15.A - D.40.A.20)

DC75, DC85, DC95

Final Drive Lubricant Capacity (Each)	**14.2 L** (**16 US qt**)
Lubricant	**NEW HOLLAND AMBRA MULTI TRAN**

Final drive - Torque (D.15.A - D.20.A.10)

DC75, DC85, DC95

Rolling Torque	**0 to 5.4 Nm** (**0 to 4 lb ft**)
Input Shaft Bearing Retainer Plate Mounting Bolts	**77 to 100 Nm** (**57 to 74 lb ft**)
Sandwich Housing Bolts	**195 to 250 Nm** (**145 to 185 lb ft**)
Brake Housing Cover - 24 mm Hex Head	**195 to 250 Nm** (**145 to 185 lb ft**)
Gauge Flange To Wheel Hub Bearing Plate	**77 to 100 Nm** (**57 to 74 lb ft**)
Planetary Gear Retaining Bolts	**118 to 133 Nm** (**87 to 98 lb ft**)
Planetary Assembly to Hub Retainer Plate Fitting	**118 to 133 Nm** (**87 to 98 lb ft**)
Hub Assembly to Gear Box	**195 to 250 Nm** (**145 to 185 lb ft**)
Brake Line Fitting	**55 to 60 Nm** (**40 to 44 lb ft**)
Fill Check Plug	**43 to 47 Nm** (**32 to 34 lb ft**)
Drain Plug	**90 to 99 Nm** (**66 to 73 lb ft**)
Final Drive To Center Box Mounting Bolts	**195 to 250 Nm** (**145 to 185 lb ft**)
Rear Cover Plate - 30 mm Hex Head	**430 to 485 Nm** (**315 to 355 lb ft**)
18 mm Hex Head	**77 to 100 Nm** (**57 to 74 lb ft**)
16 mm Hex Head	**50 to 65 Nm** (**37 to 48 lb ft**)
Final Drive to Frame Mounting Bolts	**1160 to 1300 Nm** (**855 to 960 lb ft**)
Cab Frame Support Bracket Mounting Bolts	**1160 to 1300 Nm** (**855 to 960 lb ft**)
Cab Frame Support Bracket Mounting Bolts to Cab Frame	**280 to 320 Nm** (**206 to 235 lb ft**)

Final drive - Special tools (D.15.A - D.20.A.40)

DC75, DC85, DC95

Kit	**380000849**
Dowel Bolts	**380000848**
Driver Handle	**380000847**
Bearing Cup Drivers - Input Shaft Bearing	**380000845**
Counter Shaft Bearing	**380000846**
Lower Gear Bearing	**380000826**
Wheel Hub Inner Bearing	**380000828**
Wheel Hub Outer Bearing	**380000827**

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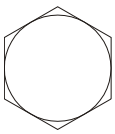
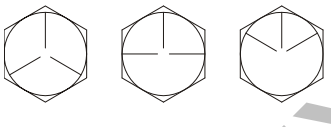
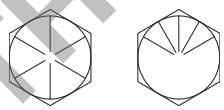
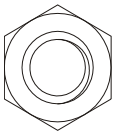
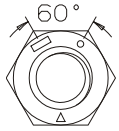
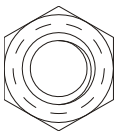
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General specification (- A.92.A.10)

BOLT TORQUE INFORMATION

DECIMAL HARDWARE

1. Fasteners should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.
2. Make sure the fasteners threads are clean and that thread engagement is started. This will prevent them from failing when being tightened.
3. Tighten plastic insert or crimped steel-type lock nuts to approximately **50 %** of the dry torque, applied to the nut, not to the bolt head. Tighten toothed or serrated-type lock nuts to the full torque value.
4. The L9 (Alloy) fasteners torque values are for a bolt, nut, and two washers. When using L9 (Alloy) fasteners, do not use the values in this table for tapped holes.

GRADE							
	1 or 2	5	5.1	5.2	8	8.2	L9 (Alloy)
SAE Markings for Bolts and Cap Screws							
	2	5			8		L9 (Alloy)
SAE Markings for Hex Nuts							

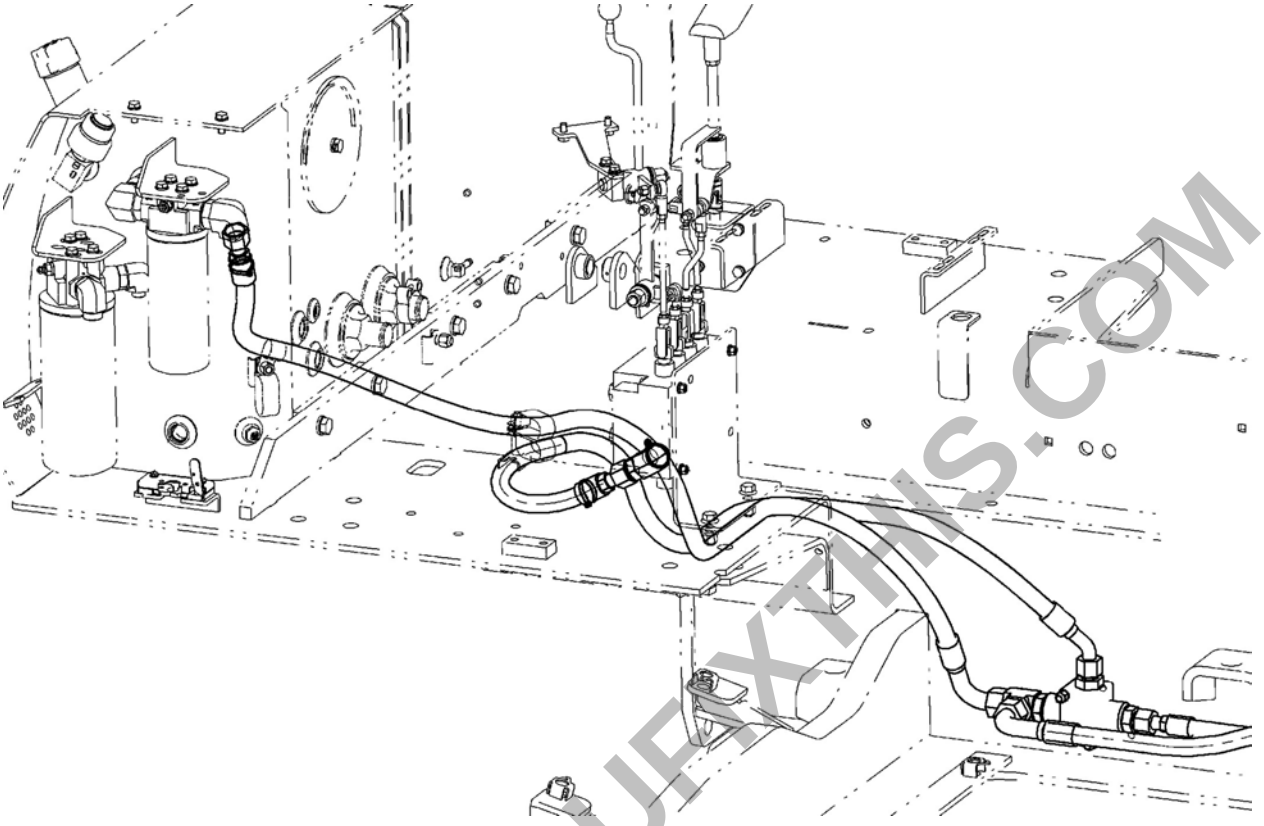
	GRADE 2 *				GRADE 5, 5.1 or 5.2				GRADE 8 or 8.2				GRADE L9 (Alloy)			
	Dry **		Lubri-cated **		Dry**		Lubri-cated **		Dry**		Lubri-cated **		Head		Nut	
SIZE	Nm	lb/ft	Nm	lb/ft	Nm	lb/ft	Nm	lb/ft	Nm	lb/ft	Nm	lb/ft	Nm	lb/ft	Nm	lb/ft
1/4 UNF	7.5	5.5	5.7	4.2	10.8	8	8.5	6.3	16.3	12	12.2	9	13.6	10	14.9	11
1/4 UNC	8.5	6.3	6.4	4.7	13.6	10	9.8	7.2	19	14	13.6	10	16.3	12	17.6	13
5/16 UNF	15	11	11	8	23	17	18	13	33	24	24	18	26	19	28	21
5/16 UNC	16	12	12	9	26	19	19	14	37	27	27	20	27	20	31	23
3/8 UNF	27	20	20	15	41	30	31	23	61	45	47	35	41	30	45	33
3/8 UNC	31	23	23	17	47	35	34	25	68	50	47	35	47	35	52	38
7/16 UNF	43	32	33	24	68	50	47	35	95	70	68	50	75	55	81	60
7/16 UNC	49	36	37	27	75	55	54	40	108	80	81	60	81	60	88	65
1/2 UNF	68	50	47	35	102	75	75	55	149	110	108	80	115	85	129	95
1/2 UNC	75	55	54	40	115	85	88	65	163	120	122	90	129	95	142	105

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Oil filter - Exploded view (A.10.A.24 - C.10.A.20)

DC75, DC85, DC95



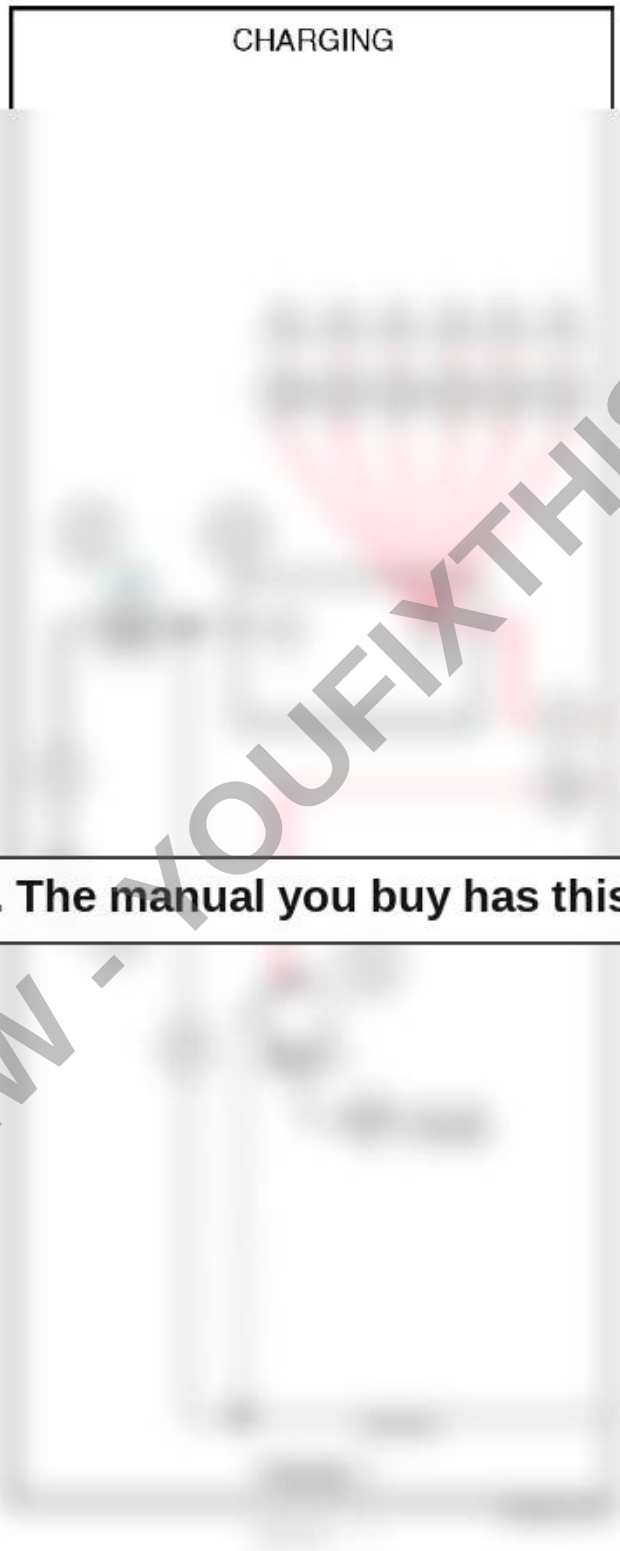
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Wiring harness - Electrical schematic frame 01 (A.30.A.88 - C.20.E.01)

DC75, DC85, DC95



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WHEELS AND TRACKS Tracks - Special tools (D.50.B - D.20.A.40)

DC75, DC85, DC95

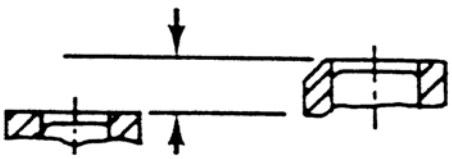


B4007091-2 1

CAS-1950A Measuring Tool Kit

Steel track Chain - General specification (D.50.B.46.20 - D.40.A.10)

DC75, DC85, DC95



B860492J 1

Driver housing offset 33.3 mm (1.31 inch).

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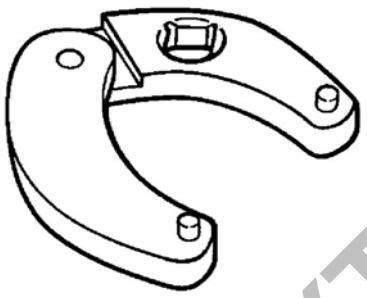
Cylinder - Torque (G.10.A.26 - D.20.A.10)

DC75, DC85, DC95

Component	Nm	Lb
Piston bolt	**895 - 1110 Nm**	**660 - 820 lb ft**
Gland	**135 - 542 Nm**	**100 - 400 lb ft**

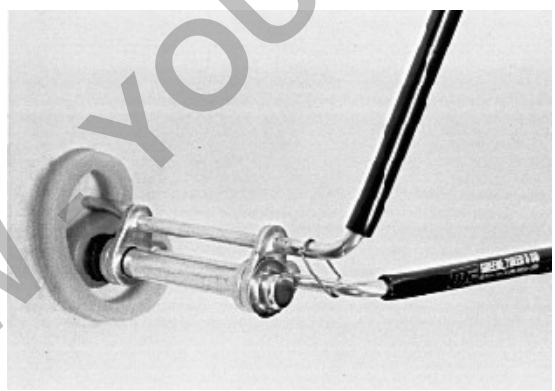
Cylinder - Special tools (G.10.A.26 - D.20.A.40)

DC75, DC85, DC95



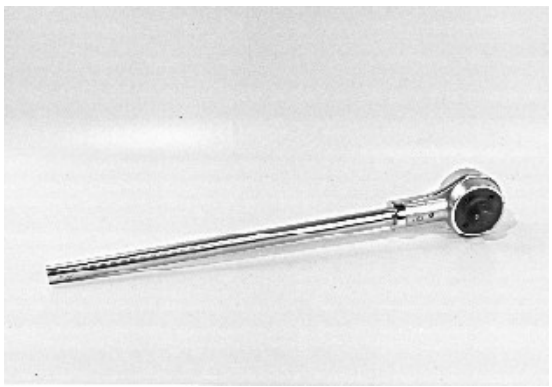
CAS1456 1

CAS1456 GLAND WRENCH



B505802M 2

CAS1660 BUFFER SEAL INSTALLATION TOOL



B795329M 3

CAS1039 PISTON BOLT TOOL

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