

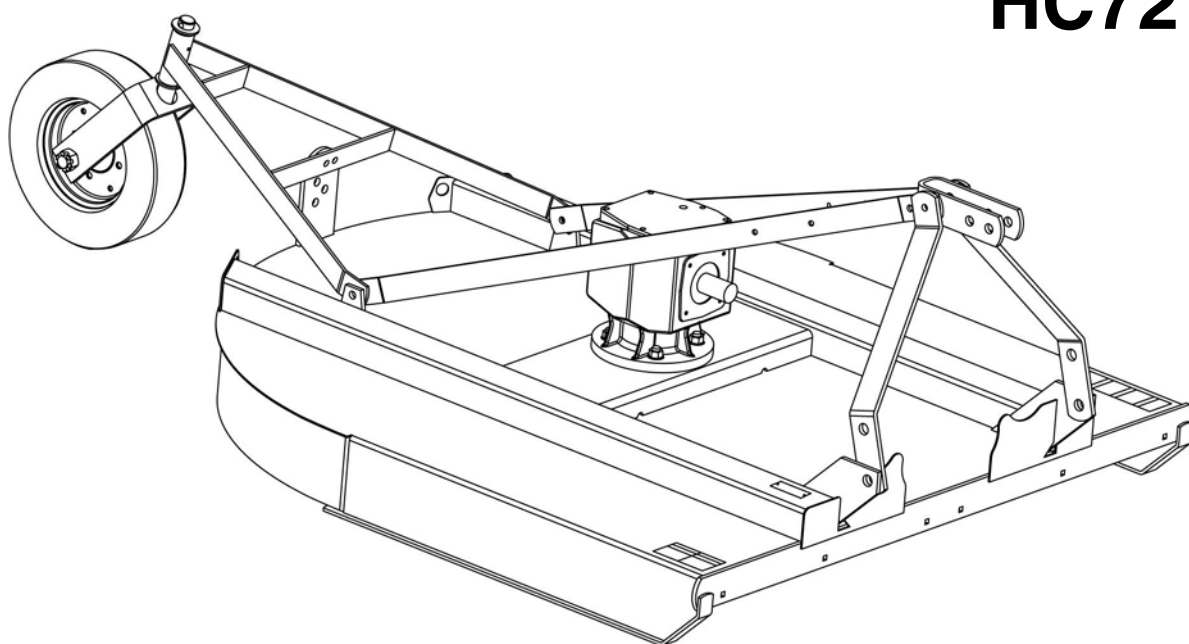
WOODS **HERITAGE™** **ROTARY CUTTER**

HC48

HC54

HC60

HC72



MAN0670

(Rev. 9/4/2013)

WOODS®
Woods Equipment Company

OPERATOR'S MANUAL

Heritage™

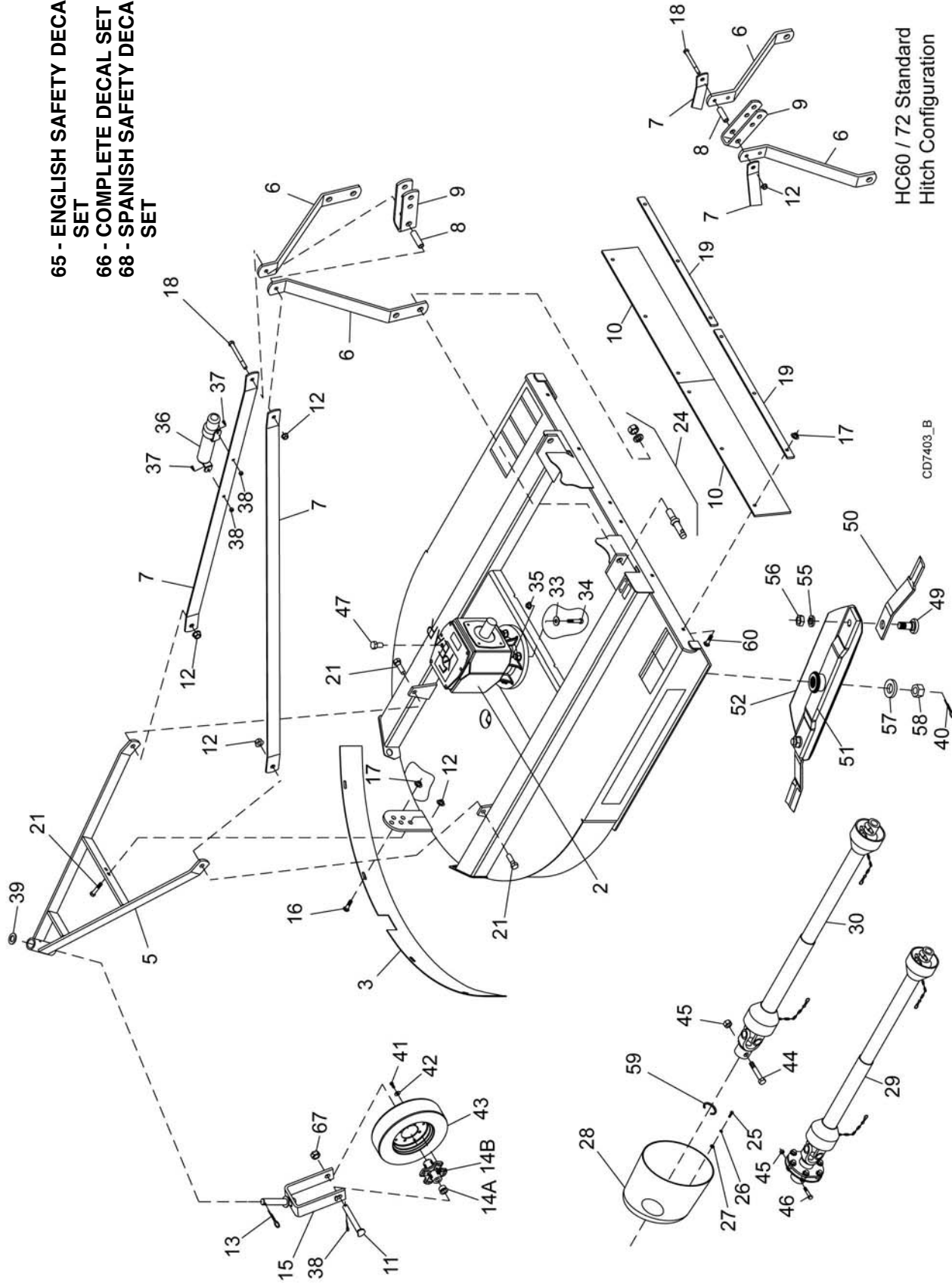
Rotary Cutters: HC48, HC54, HC60, HC72

HC48, HC54, HC60, HC72 ASSEMBLY	36 - 37
GEARBOX ASSEMBLY (FLAT TOP)	38
GEARBOX ASSEMBLY (CAST/CROWN TOP)(HC72 ONLY)	39
DRIVELINES:	
HC48 STANDARD DRIVELINE	40
HC54, HC60, HC72 STANDARD DRIVELINE	41
HC48, HC54, HC60 SLIP CLUTCH DRIVELINE (OPTIONAL)	42
HC72 SLIP CLUTCH DRIVELINE (OPTIONAL)	43
FRONT RUBBER SHIELDING (STANDARD).	44
FRONT & REAR CHAIN SHIELDING (OPTIONAL)	45
QUICK HITCH HARDWARE (OPTIONAL)	46

HC48, HC54, HC60, HC72 ASSEMBLY

65 - ENGLISH SAFETY DECAL SET
66 - COMPLETE DECAL SET
68 - SPANISH SAFETY DECAL SET

HC60 / 72 Standard Hitch Configuration

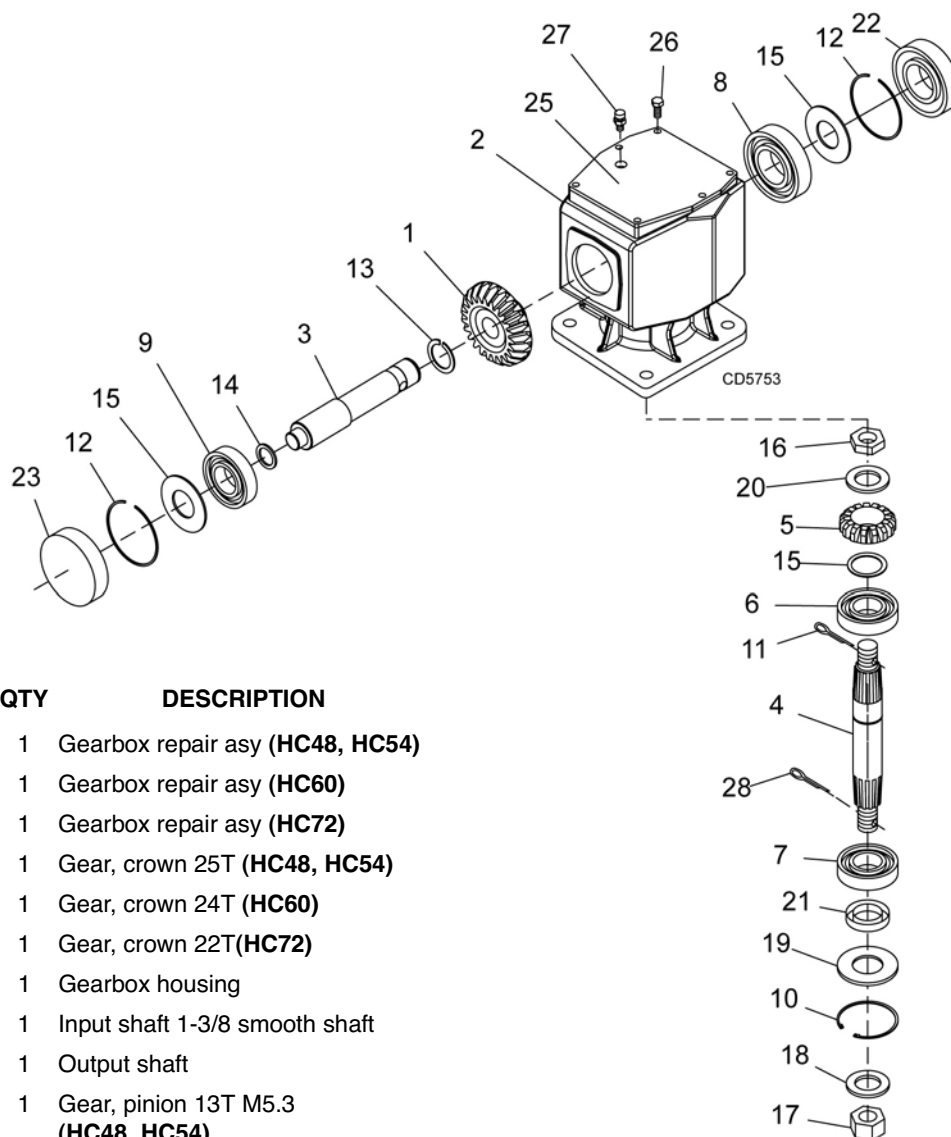


CD7403_B

HC48, HC54, HC60, HC72 ASSEMBLY PARTS LIST

REF	PART	QTY	DESCRIPTION	REF	PART	QTY	DESCRIPTION
2	58800	1	Gearbox HC48, HC54 (see page 38)	30	1024217	1	Complete shear pin drive asy - HC72 (see page 41)
2	58801	1	Gearbox HC60 (see page 38)	32	33657	1	Sleeve, 1/2 x 3/4 x 2-13/16 (Quick Hitch) not shown
2	1026536	1	Gearbox HC72 (see page 38) -or-	33	57817	4	5/8 Flat washer, hardened
2	1011794	1	Gearbox HC72 (see page 39)	34	902 *	4	5/8 NC x 2 HHCS GR5
3	1017721	1	Rear band - HC48	35	19025 *	4	5/8 NC Flange lock nut
3	1017724	1	Rear band - HC54	36	1026530	1	Manual tube
3	1024213	1	Rear band - HC60	37	14562 *	2	5/16 NC x 1 HHCS GR5
3	1024177	1	Rear band - HC72	38	14139 *	2	5/16 NC Flange lock nut
5	1024215	1	Tailwheel assembly HC48, HC54	39	----- *	1	Washer, 33 mm x 56 mm x 4 mm
5	1024193	1	Tailwheel assembly HC60, HC72	40	----- *	2	Cotter pin
6	1007268	2	A-Frame bar HC48, HC54	41	300300	4	1/2 NC x 1 HHCS GR5
6	1024188	2	A-Frame bar HC60, HC72	42	----- *	4	1/2 Flat washer
7	1017718	2	Diagonal brace HC48	43	4676	1	4 x 8 Rim & laminated tire
7	1018042	2	Diagonal brace HC54	44	15349	1	1/2 NC x 3 Shear bolt GR2
7	1024212	2	Diagonal brace HC60	45	765 *	2	1/2 NC Lock nut
7	1024187	2	Diagonal brace HC72	46	15534 *	1	1/2 NC x 2-3/4 HHCS GR8 (Clutch)
8	64814	1	Spacer 1/2 x 2-3/4	47	57076	1	Vent plug, (See Gearbox, page 38)
9	15321	1	Link, bent .38 x 2.5 x 9.13	49	1026538	2	Blade pin, .75 x 1.5 x .38 HC48, HC54 (includes items 55 & 56)
10	-----	2	Rubber shield (see page 44)	49	1015831	2	Blade pin, 1.5 x .5 HC60, HC72 (includes items 55 & 56)
11	1030523	1	M24 x 2 Axle bolt	50	30310KT	1	Blade 3/8 x 3 x 16CCW HC48, HC54
12	11900	4	1/2 NC Flange lock nut	50	1016598KT	1	Blade 1/2 x 3 x 23.25 CCW HC60
13	40775	1	Spirol pin 10 mm x 65 mm	50	1016599KT	1	Blade 1/2 x 3 x 29.25 CCW HC72
14A	1030524	2	Bushing, flanged .990 x 1.374 x .99	51	1017715	1	Crossbar asy HC48 (Flat Top Box)
14A	1013880	2	Bushing, flanged .984 x 1.378 x .98	51	1018039	1	Crossbar asy HC54 (Flat Top Box)
14A	1032573	2	Bushing, flanged .990 x 1.394 x .98	51	1024202	1	Crossbar asy HC60, HC72 (Flat Top Box)
14B	1030522	1	Hub 4 bolt 4 x 8	51	1032592	1	Crossbar asy HC48 (Crown Top Box)
15	1028815	1	Tailwheel clevis	51	1032594	1	Crossbar asy HC54 (Crown Top Box)
16	6697 *	6	3/8 NC x 1 Carriage bolt GR5	51	1032596	1	Crossbar asy HC60, HC72 (Crown Top Box)
17	14350 *	14	3/8 NC Flange lock nut	52	1017716	1	Stump jumper pan HC48
18	23479 *	1	1/2 NC x 5 HHCS GR5	52	1018040	1	Stump jumper pan HC54
19	-----	2	Link, rubber shield (see page 44)	52	1024199	1	Stump jumper pan HC60, HC72
21	3379 *	3	1/2 NC x 1-1/2 HHCS GR5	55	15668	2	Lock washer, 1.15 x 1.85 x .281
22	10380 *	1	1/2 NC x 4 HHCS GR5 (Quick Hitch) not shown	56	15667	2	Jam nut, 1-1/8 NF
24	33661	2	Cat 1 Mounting pin (with nut & lock washer)	57	20893	1	Washer, 25 x 44 x 4 mm
25	24801	4	M8 x 1.25P x 20 mm HHCS	58	20892	1	Castle nut (M24 x 2)
26	35155 *	4	5/16 Flat washer	59	15345	1	Retaining ring, .05 x 1.38
27	2472 *	4	5/16 Lock washer	60	20973 *	8	3/8 NC x 1-1/4 Carriage bolt
28	1002048	1	Clutch shield, 100 x 143 mm BC	65	15358	1	English safety decal set
29	1020900	1	Complete slip clutch drive asy - HC48, HC54, HC60 (see page 42)	66	1026534	1	Complete decal set
29	1024218	1	Complete slip clutch drive asy - HC72 (See page 43)	67	1032105	1	Nut Slotted M24x2.0P
30	1009509	1	Complete shear bolt drive asy - HC48 (See page 40) -or-	68	1036794	1	Spanish safety decal set
30	1009510	1	Complete shear bolt drive asy - HC54, HC60 (see page 41) -or-				* Standard hardware, obtain locally

GEARBOX ASSEMBLY (FLAT TOP)



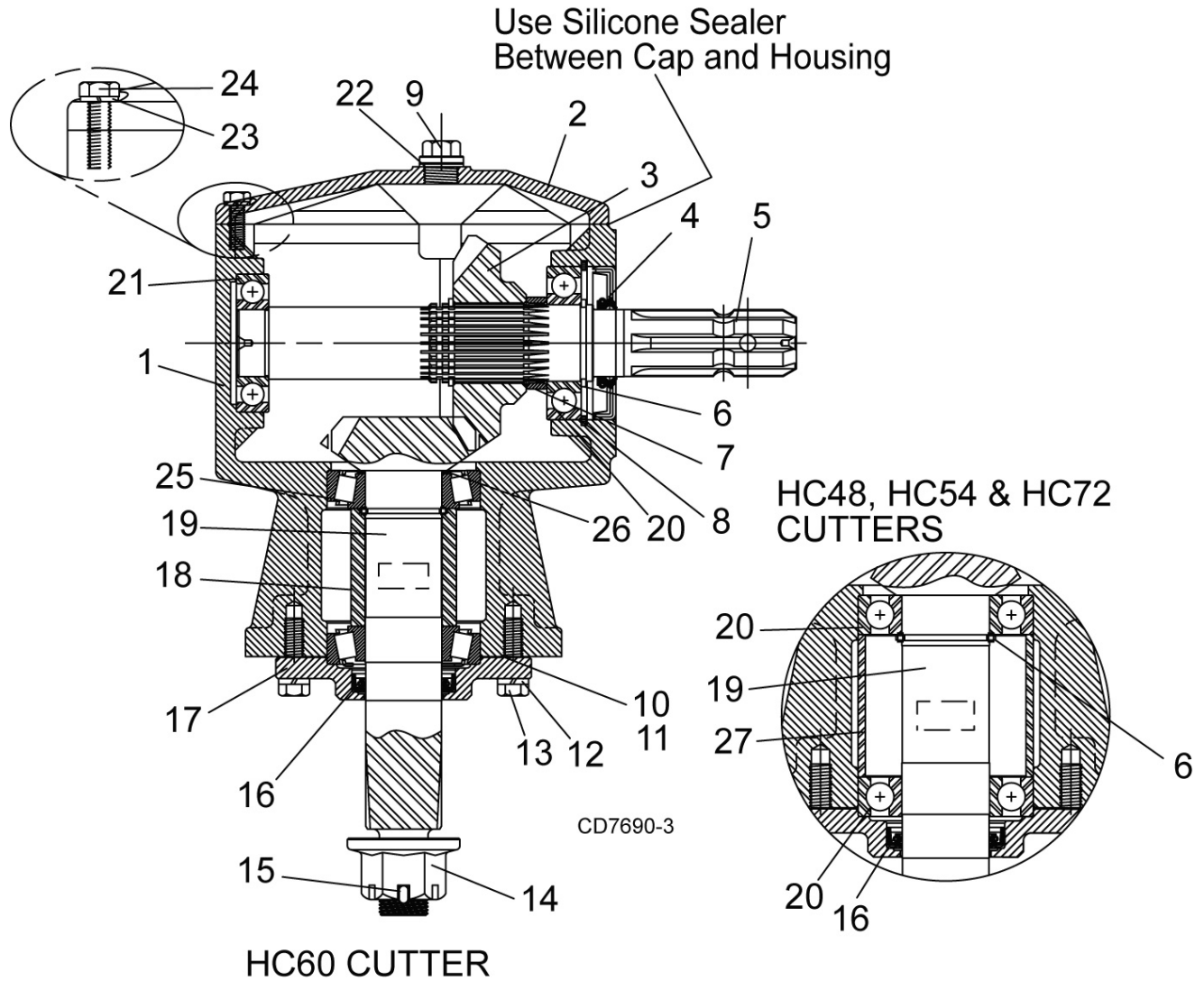
REF	PART	QTY	DESCRIPTION
A	58800	1	Gearbox repair asy (HC48, HC54)
A	58801	1	Gearbox repair asy (HC60)
A	1026536	1	Gearbox repair asy (HC72)
1	57458	1	Gear, crown 25T (HC48, HC54)
1	57459	1	Gear, crown 24T (HC60)
1	1026535	1	Gear, crown 22T(HC72)
2	NSS	1	Gearbox housing
3	57464	1	Input shaft 1-3/8 smooth shaft
4	57489	1	Output shaft
5	57491	1	Gear, pinion 13T M5.3 (HC48, HC54)
5	57497	1	Gear, pinion 14T M5.3 (HC60)
5	1026537	1	Gear, pinion 15T M5.7(HC72)
6	57476	1	Bearing cup & cone
7	57478	1	Bearing cup & cone
8	57462	1	Bearing cup & cone
9	20890	1	Bearing-Ball
10	20897	1	Ring retainer 81mm internal
11	----- *	1	Cotter pin
12	57466	2	Snap ring
13	20895	1	Snap ring
14	57373	1	Spacer 35.3 x 48 x 2.5
15	57328	2	Gearbox shim kit
16	57468	1	Castle nut
17	20892	1	Castle nut metric M24 x 2

REF	PART	QTY	DESCRIPTION
18	20893	1	Washer, 25 x 44 x 4 mm
19	20888	1	Protective washer
20	57473	1	Flat washer 21 x 37 x 3
21	20900	1	Seal, metric 40 x 80 x 12
22	57463	1	Oil seal 35 x 72 x 10
23	57374	1	Oil cap
25	57375	1	Top cover
26	----- *	6	M8 x 16 Hex head cap screw CL8.8
27	57076	1	Vent plug 1/2 NPT
28	----- *	1	Cotter pin

NSS Not Serviced Separately

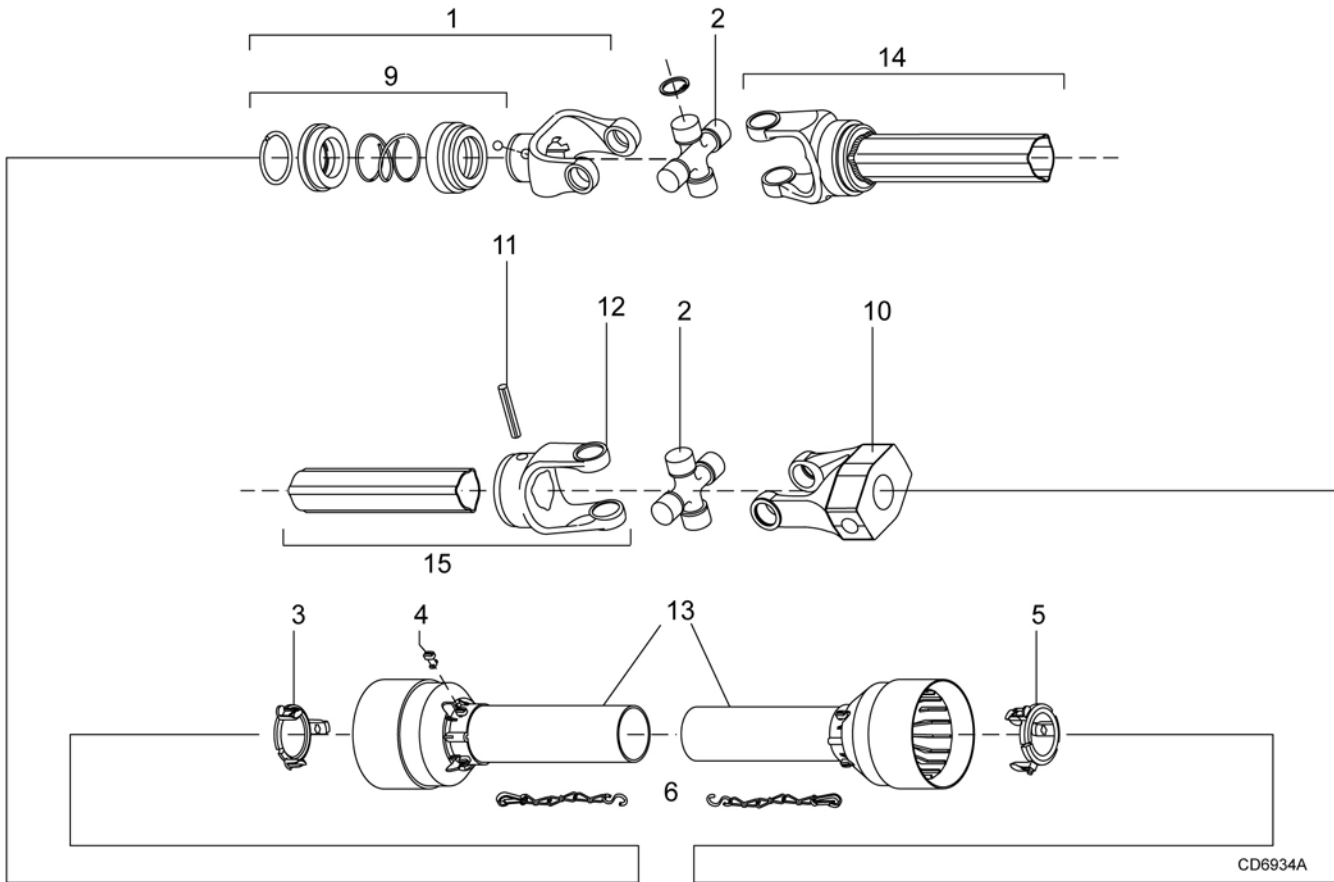
* Standard hardware, obtain locally

GEARBOX ASSEMBLY (CAST/CROWN TOP)



REF	PART	QTY	DESCRIPTION	REF	PART	QTY	DESCRIPTION
A	1032587	1	Gearbox repair assembly (HC48 & HC60, Ball Bearing)	12	----	4	Lock washer
A	1032588	1	Gearbox repair assembly (HC60, Tapered Bearing)	13	----	4	M10 x 1.5 x 25 Cap screw
A	1011794	1	Gearbox repair assembly (HC72, Ball Bearing)	14	1018331	1	1" - 14 Slotted flange nut
1	----	1	Housing	15	----	1	Cotter pin
2	1019632	1	Inspection cover	16	1018328	1	Output seal
3	----	1	22 Tooth gear	17	----	1	Output cap
4	1018327	1	Input seal	18	----	1	Output bearing spacer
5	----	1	Input shaft	19	----	1	15-Tooth output shaft and pinion
6	----	1	Retaining ring	20	1018326	3	Ball bearing
7	----	1	Gear spacer	21	1018325	1	Ball bearing
8	----	1	Retaining ring	22	----	2	Sealing washer w/plug
9	1011780	1	Vent plug and washer	23	----	6	Lock washer
10	1018329	A/R	Output gasket (0.13)	24	----	6	M8 x 1.5 x 25 Cap screw
11	1018330	A/R	Output gasket (0.30)	25	57478	2	Bearing Cup and Cone
				26	1032963	1	Shim Kit
				27	----	1	Outerr Bearing Spacer

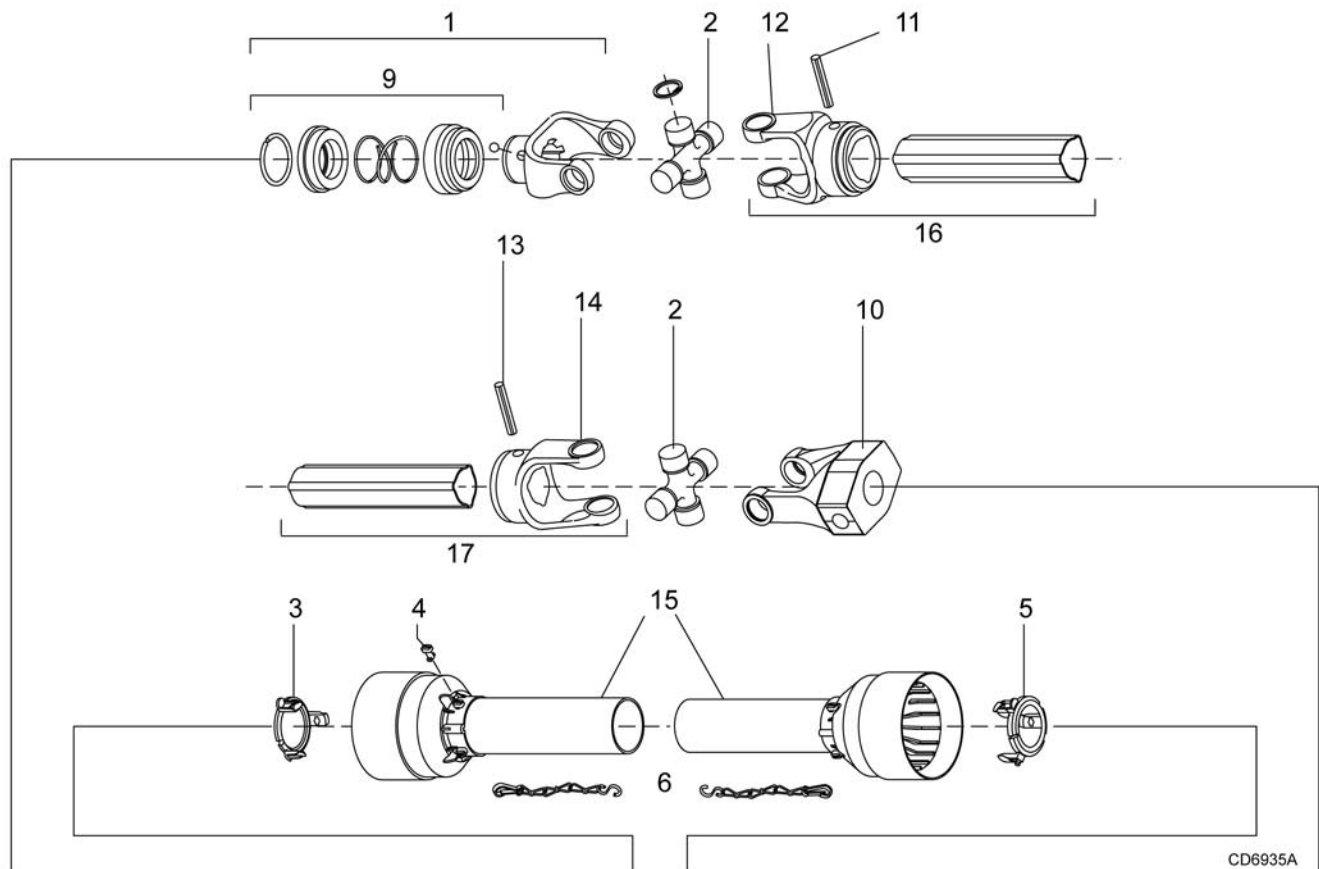
HC48 SHEAR BOLT DRIVELINE ASSEMBLY



CD6934A

REF	PART	QTY	DESCRIPTION	REF	PART	QTY	DESCRIPTION
A	1009509	1	Complete 540 driveline asy	9	1001340	1	Lock collar repair kit
1	1001300	1	Complete collar yoke C12 1-3/8 - 6	10	1019445	1	Special drive yoke
2	38478	2	Cross & bearing kit	11	1001305	1	Flexible pin
3	1019442	1	Outer cone fix ring	12	1001306	1	Inner tube yoke
4	30922	6	Shield retainer clip	13	1021324	1	Shield, complete
5	1019444	1	Inner cone fix ring	14	30926	1	Outer yoke & tube (must be cut to length)
6	30917	2	Chain shield tether	15	30932	1	Inner yoke & tube (must be cut to length)

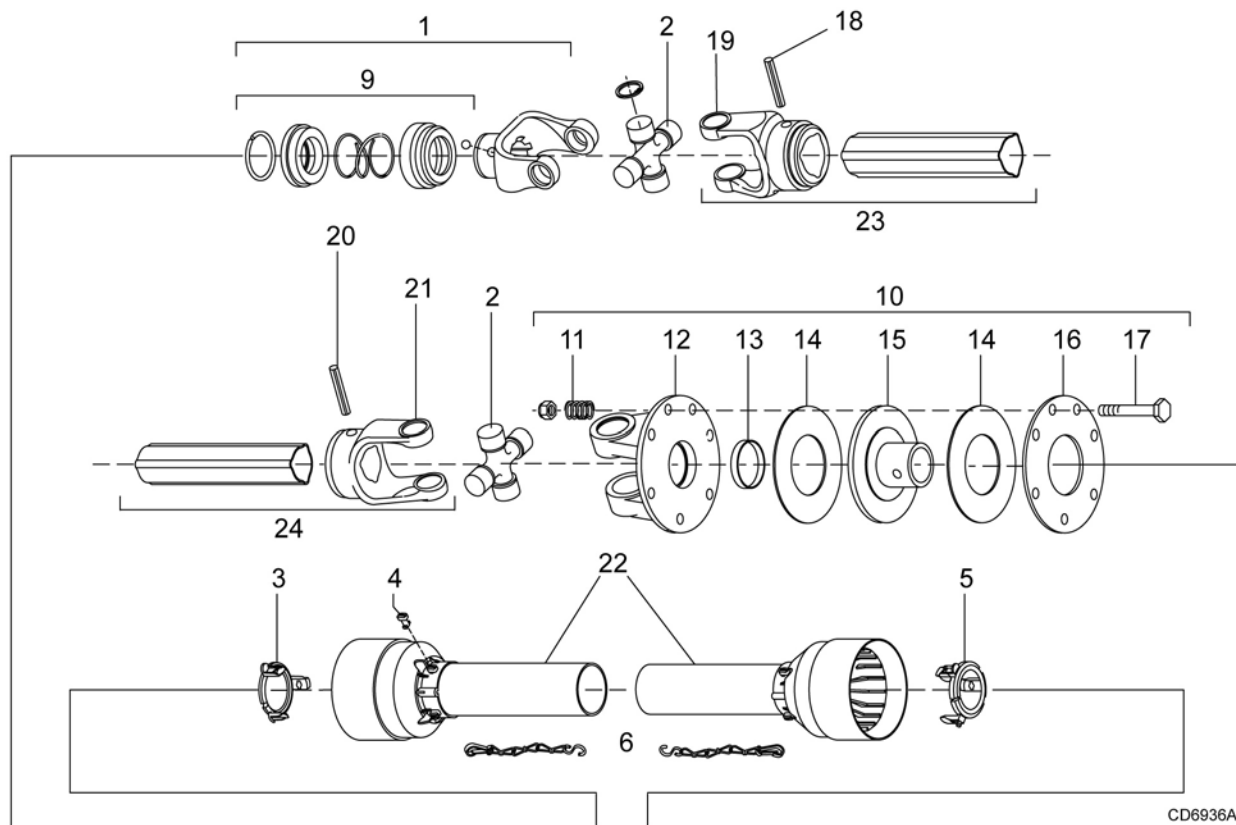
HC54, HC60, HC72 SHEAR BOLT DRIVELINE ASSEMBLY



REF	PART	QTY	DESCRIPTION
A	1009510	1	Complete 540 driveline (HC54, HC60)
A	1024217	1	Complete 540 driveline (HC72)
1	1001300	1	Complete collar yoke C12 1-3/8 - 6
2	38478	2	Cross & bearing kit
3	1019442	1	Outer cone fix ring
4	30922	6	Shield retainer clip
5	1019444	1	Inner cone fix ring
6	30917	2	Chain shielding tether
9	1001340	1	Lock collar repair kit
10	1019445	1	Special drive yoke

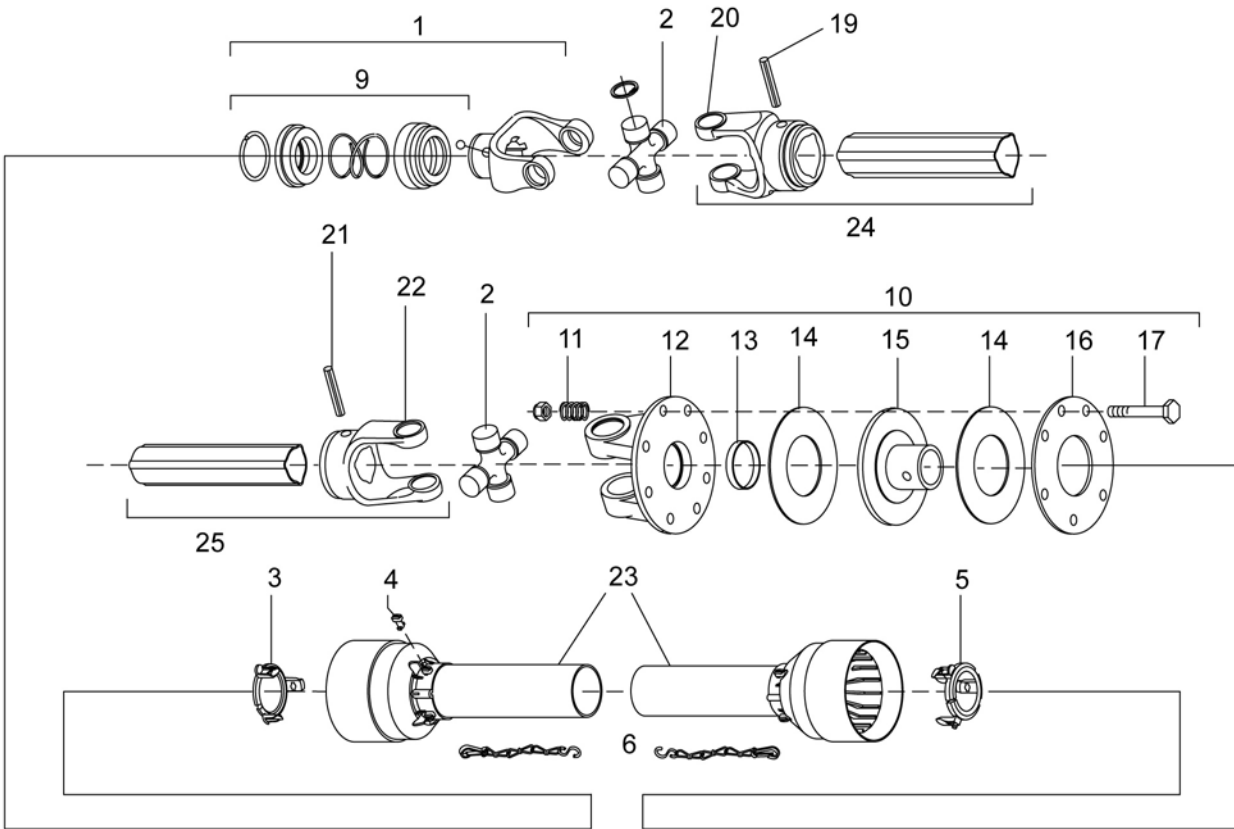
REF	PART	QTY	DESCRIPTION
11	1001302	1	Flexible pin
12	1001301	1	Outer yoke tube
13	1001305	1	Flexible pin
14	1001306	1	Inner tube yoke
15	1021550	1	Shield, complete (HC54, HC60)
15	1024223	1	Shield, complete (HC72)
16	30926	1	Outer yoke & tube (must be cut to length)
17	30932	1	Inner yoke & tube (must be cut to length)

HC48, HC54, HC60 SLIP CLUTCH DRIVELINE ASSEMBLY (OPTIONAL)



REF	PART	QTY	DESCRIPTION	REF	PART	QTY	DESCRIPTION
A	1020900	1	Complete 540 driveline assembly	14	1001314	2	Lining ring
1	1001300	1	Complete collar yoke C12 1-3/8 - 6	15	1019448	1	Special hub F10
2	38478	2	Cross & bearing kit	16	1001317	1	Pressure plate
3	1019442	1	Outer cone fix ring	17	1001318	8	Bolt & nut M10 x 80
4	30922	6	Shield retainer clip	18	1001302	1	Flexible pin
5	1019444	1	Inner cone fix ring	19	1001301	1	Outer yoke tube
6	30917	2	Chain shield tether	20	1001305	1	Flexible pin
9	1001340	1	Lock collar repair kit	21	1001306	1	Inner tube yoke
10	1019446	1	Special friction clutch	22	1021551	1	Shield, complete
11	1001311	8	Spring	23	30926	1	Outer yoke & tube (must be cut to length)
12	1019447	1	Flanged yoke	24	30932	1	Inner yoke & tube (must be cut to length)
13	1001313	1	Bushing				

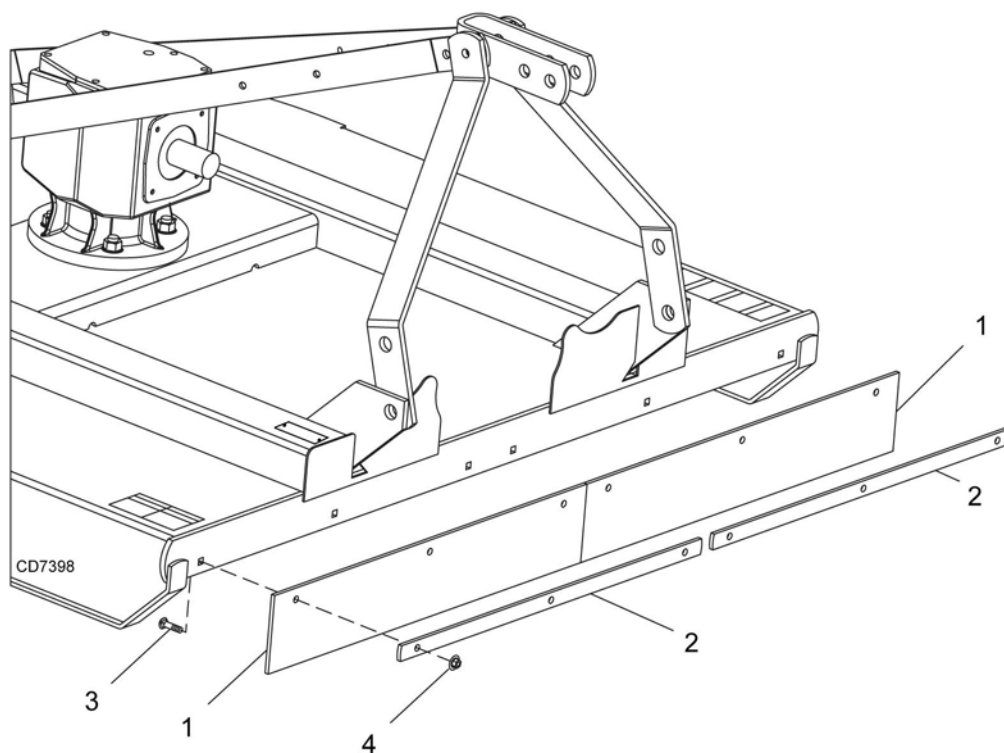
HC72 SLIP CLUTCH DRIVELINE ASSEMBLY



CD6937A

REF	PART	QTY	DESCRIPTION	REF	PART	QTY	DESCRIPTION
A	1024218	1	Complete 540 driveline asy	14	1001314	2	Lining ring
1	1001300	1	Complete collar yoke C12 1-3/8 - 6	15	1019448	1	Hub F10 (special)
2	38478	2	Cross and bearing kit	16	1001317	1	Pressure plate
3	1019442	1	Outer cone fix ring	17	1001318	8	Bolt & nut M10 x 80
4	30922	6	Shield retainer clip	19	1001302	1	Flexible pin
5	1019444	1	Inner cone fix ring	20	1001301	1	Outer yoke tube
6	30917	2	Chain-shield tether	21	1001305	1	Flexible pin
9	1001340	1	Lock collar repair kit	22	1001306	1	Inner tube yoke
10	1019446	1	Friction clutch (special)	23	1021552	1	Shield, complete
11	1001311	8	Spring	24	30926	1	Outer yoke & tube (must be cut to length)
12	1019447	1	Flanged yoke	25	30932	1	Inner yoke & tube (must be cut to length)
13	1001313	1	Bushing				

FRONT RUBBER SHIELDING (STANDARD)



REF	PART	QTY	DESCRIPTION
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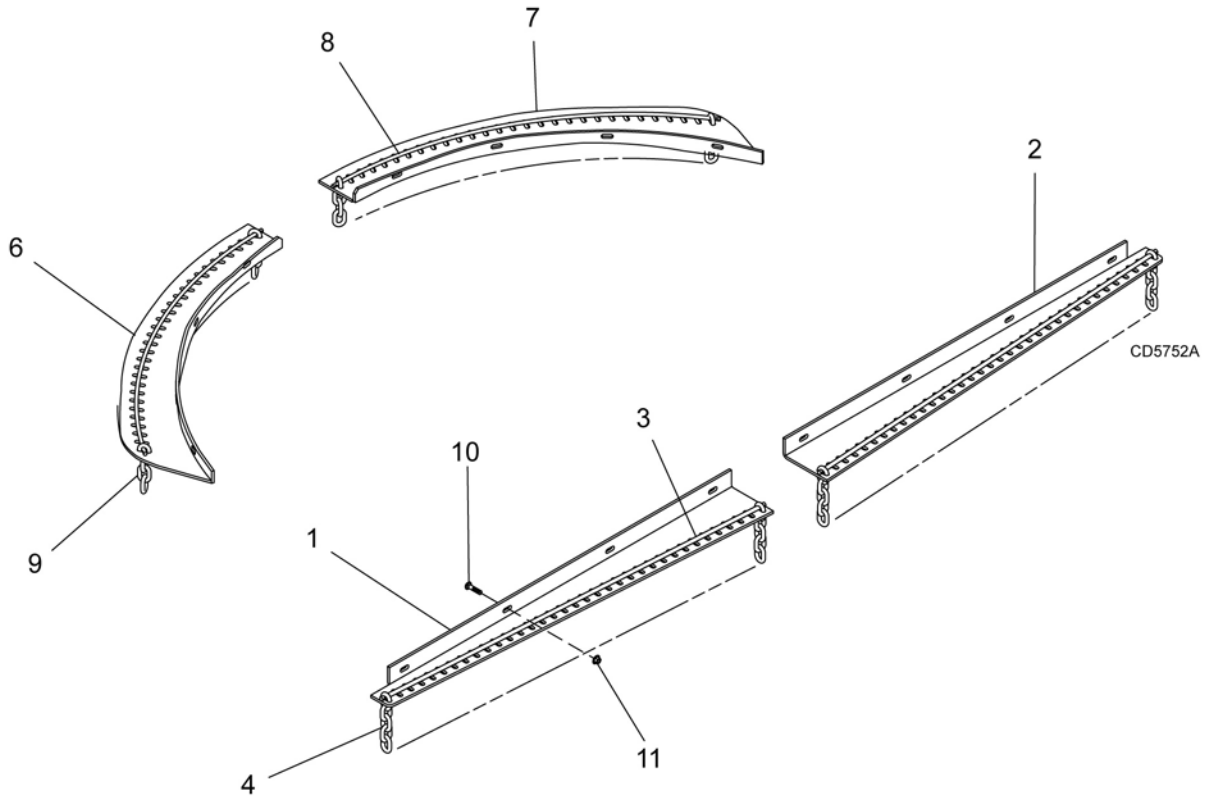
A	1024665	1	Rubber shield kit - HC48 (includes items 1-4)
A	1024666	1	Rubber shield kit - HC54 (includes items 1-4)
A	1024667	1	Rubber shield kit - HC60 (includes items 1-4)
A	1024668	1	Rubber shield kit - HC72 (includes items 1-4)
1	1017720	2	Rubber deflector 25.0 - HC48
1	1018043	2	Rubber deflector 28.0 - HC54

REF	PART	QTY	DESCRIPTION
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1	1026540	2	Rubber deflector 31.25 - HC60
1	1024178	2	Rubber deflector 37.00 - HC72
2	1024661	2	Link .25 x 1.00 x 23.50 - HC48
2	1018044	2	Link .25 x 1.00 x 27.00 - HC54
2	1026541	2	Link .25 x 1.00 x 28.5 - HC60
2	1024179	2	Link .25 x 1.00 x 34.5 - HC72
3	20973 *	8	3/8 NC x 1-1/4 Carriage bolt
4	14350 *	8	3/8 NC Flange hex nut

* Standard hardware; obtain locally

FRONT & REAR CHAIN SHIELDING (OPTIONAL)

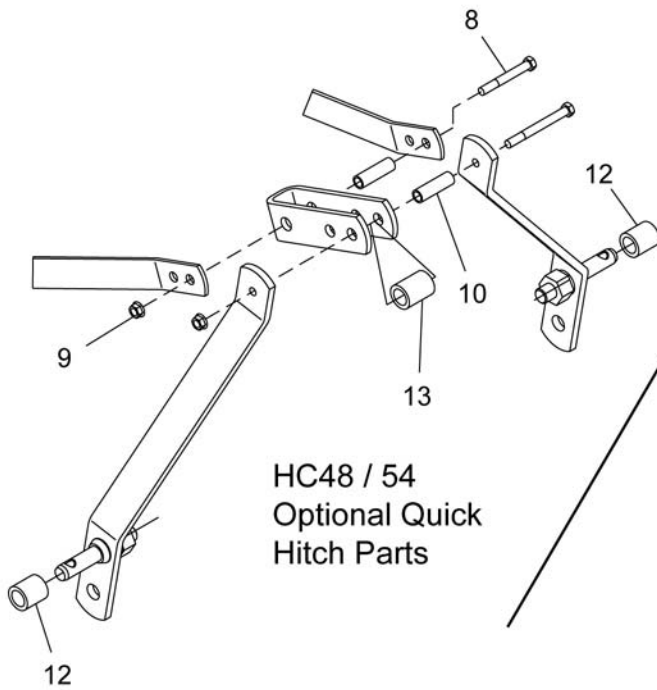


REF	QTY	PART HC48	PART HC54	PART HC60	PART HC72	DESCRIPTION
1	1	1018025	1027362	1027356	1027350	Right front chain plate
2	1	1027363	57144	1027357	1027351	Left front chain plate
3	2	1003644	1003645	1003645	1003646	.243 Dia. bent pin (front)
4	AR	3994	3994	3994	3994	5/16 - 5 Link chain (front)
6	1	1018028	1027369	1027361	1027355	Right rear chain plate
7	1	1018027	1027364	1027358	1027352	Left rear chain plate
8	2	57249	57249	57249	57249	.243 Dia. rolled bent pin (rear)
9	AR	4069	4069	4069	4069	5/16 - 4 Link chain (rear)
10	16	6697 *	6697 *	6697 *	6697 *	3/8 NC x 1 Carriage bolt
11	16	14350 *	14350 *	14350 *	14350 *	3/8 NC Flange hex nut

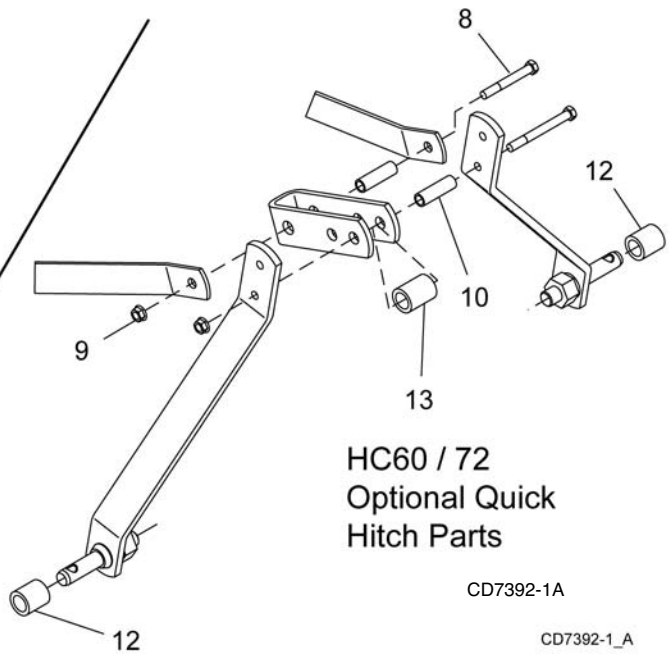
AR As Required

* Standard hardware, obtain locally

QUICK HITCH HARDWARE (OPTIONAL)



HC48 / 54
Optional Quick
Hitch Parts



HC60 / 72
Optional Quick
Hitch Parts

CD7392-1A

CD7392-1_A

REF	PART	QTY	DESCRIPTION
8	10380	1	1/2 NC x 4 Cap screw
9	11900	1	1/2 NC Flange lock nut
10	33657	1	1/2 x 3/4 x 2-13/16 Sleeve
12	38214	2	.91 x 1.44 x 1.25 Sleeve
13	1003614	1	.81 x 1.25 x 1.81 Sleeve
-	1026566	1	Quick hitch kit