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HAY CONVEYOR (Model HEC) - Parts List

KEY NO.	DESCRIPTION	NEW PART NO.	NO. REQUIRED
1	NUT,NY-IN LOCK,5/16-18,G2,PLT	F356040	5
2	CLAMP,EHD/HEC ELEV MOTOR MOUNT	70500	2
3	PIPE,HEC BALE ELEV MOTOR MOUNT	HEC-00003	1
4	HHCS,5/16-18 X 3",G5,PLT	F1072375	4
5	BEARING W/ANGLE ZERK,FLANGE,1"ID	FA5875	4
6	WASHER,SPRING LOCK,5/16",PLT	F805050	20
7	NUT,HEX,5/16-18,G2,PLT	F354040	20
9	BUSHING,MACH,18 X 1-1/32 X 1-1/2",UPLT	F806060	6
10	SPROCKET,HEC,#55 X 7T X 1"ID	HEC-000010	1
11	PIN,ROLL,5/16 X 1-7/8",PLT	F407055	1
13	PIN,ROLL,5/16 X 1-1/2",PLT	F407050	1
14	WASHER,STD FL,5/16",PLT	F808030	18
15	TIGHTENER,NYLON ROLLER CHAIN	70449	1
16	HHCS,5/16-18 X 1-3/4",G5,PLT	F1072357	1
17	NUT,HEX,3/8-16,G2,PLT	F354050	10
18	WASHER,SPRING LOCK,3/8",PLT	F805060	4
19	HHCS,3/8-16 X 1",G5,PLT	F1072450	4
20	FRAME W/SHAFT & SPROCKET,DRIVE,8'	70420	1
21	ARM,ELEV MOTOR MOUNT ADJUSTING	70431	2
22	HHCS,5/16-18 X 1",G5,PLT	F1072345	4
23	SS,SK-HD,K-P,5/16-18 X 5/16",G2,UPLT	F702037	1
24	V-BELT,TYPE A,4L450	4L450	1
25	PULLEY,12" X 1"BORE	70519	1
26	SPROCKET W/SHAFT,HEC,#40 X 12T X 1"	HEC-000026	1
27	LINK W/PIN&CLIP,ROLL CHAIN,#40	N0401	1
28	CHAIN W/LINK,ROLLER,#40 X 62 PITCH	70016	1
29	SPROCKET W/SHAFT,HEC,#40 X 50T X 1"	HEC-000029	1
30	TUBE,RD,DOM,11/64" X 1-3/8" X 1/2"L	70976	2
31	HHCS,5/16-18 X 3/4",G5,PLT	F1072340	8
32	NUT,WING,3/8-16,G2,PLT	F358080	1
33	COVER W/DECALS,HEC/EHD SHIELD	70448	1 *
34	NUT,NY-IN LOCK,1/4-20,G2,PLT	F356030	8
35	HHCS,1/4-20 X 1-1/2",G5,PLT	F1072255	6
36	SHIELD,HEC FRAME(UPPER)	HEC-000036	1 *
37	SHIELD,HEC/EHD FRAME(LOWER)	70447	1 *
38	HHCS,1/4-20 X 3/4",G5,PLT	F1072245	2
39	SHAFT,HEC BALE ELEVATOR IDLER	HEC-000039	1
40	HH TAP BOLT,3/8-16 X 3-1/2",G2,PLT	F108555	2
42	SPROCKET, CAST IDLER, #55 x 6-TOOTH X .755"	INCLUDED IN KEY NO. 55	1
43	CHAIN W/RAISED LINK,BALE,#55,1'	HC551	-
44	LINK,BALE ELEV #55 RAISED	HB4-55	-
45	IDLER L/PARTS BOX, HEC ELEV,8'	HEC-8I-LPB	1
46	DECAL,WARNING-BEFORE STARTING	11096	1 *
48	DECAL,DANGER-SHIELDS ARE OFF	11097	1 *
49	RETURN,BALE ELEV #55 CHAIN	HEC-000049	2
50	U-BOLT,5/16-18 X 1-3/8 X 2-3/16",G2	F105020	4
51	BUSHING,MACH,18 X 24/32 X 1-1/4",UPLT	F806030	7
52	PIPE,PLASTIC,3/4" X 1-17/32"L (POST 4/15/05)	71014	1
53	MANUAL ASSY,HEC BALE ELEV OWNER	HEC-000053	1 *
54	DECAL,DANGER-FALLING HAY...	DEC101293	1 *
55	SPROCKET W/SPACER & BUSHINGS,#55 X 6-TOOTH X .755"	71013	1

* Specify serial number of elevator

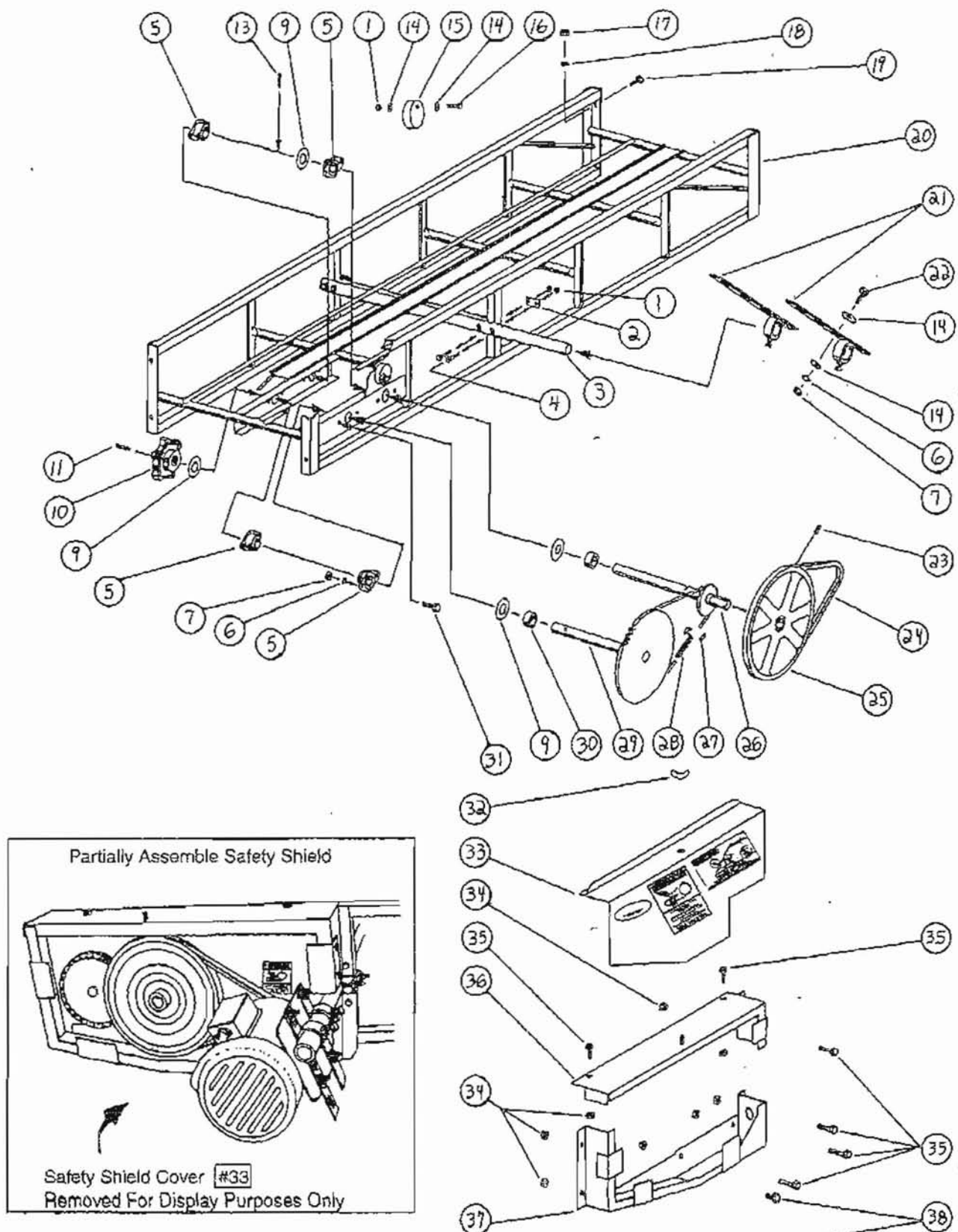


CAUTION

Do not substitute Grade 2 bolts when stronger Grade 5 bolts are specified.
Failure to heed could result in personal injury or death!

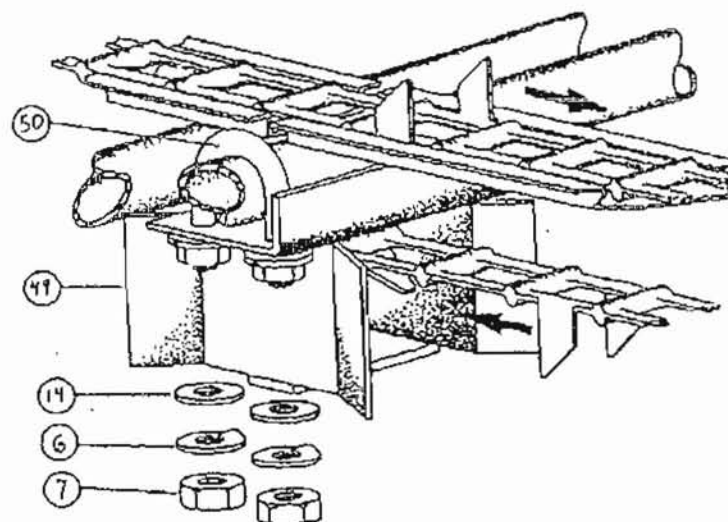
Illustration A

DRIVE END



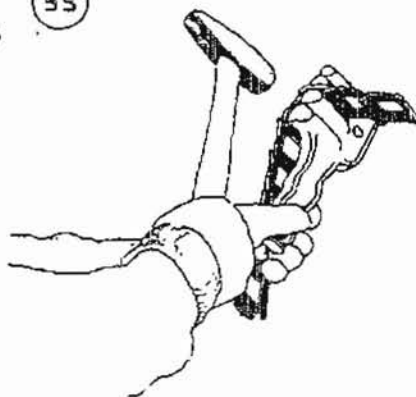
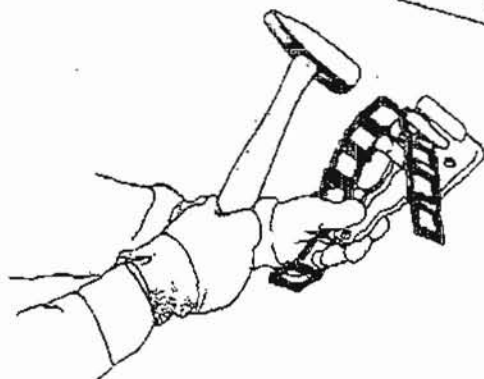
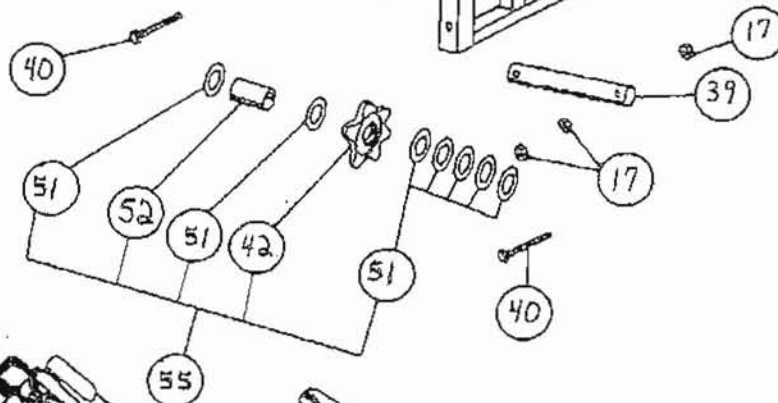
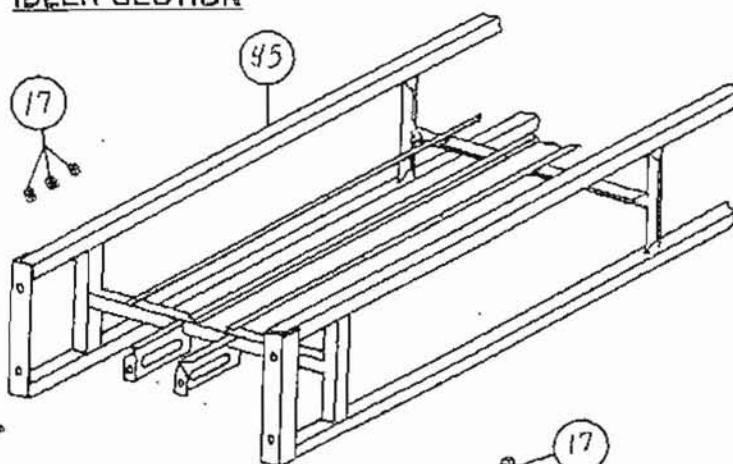
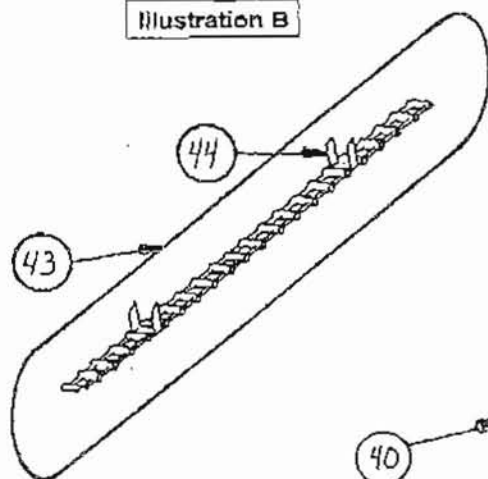
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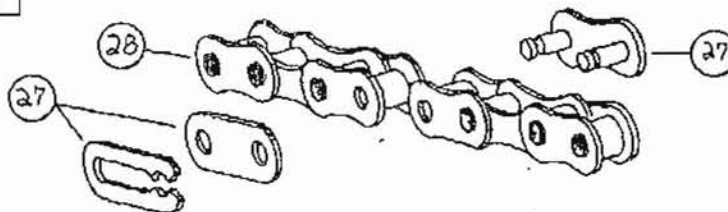
IDLER SECTION

Illustration B



Install size 40 roller chain #28 onto headshaft sprocket #29 and jackshaft sprocket #26. If chain appears too short, loosen bearing bolts #31, lockwashers #6 and nuts #7 on outside of elevator. Move headshaft #29 and jackshaft #26 together until chain fits. Splice chain together with connecting link #27. Pull headshaft and jackshaft away from each other until chain is tight. Retighten bearing bolts with chain pulled tight (see illustration below).

Illustration E



Bolt nylon roller chain tightener slide #15 to one of the two holes on side of drive plate using a 5/16" x 2" bolt #16, 5/16" flat washer #14 and 5/16" nylon insert lock nut #1. Use the top hole if 60 toother sprocket rotates counter clockwise. Use the bottom hole if 60 tooth sprocket rotates clockwise. When installed, the slack side of nylon roller chain should ride against the nylon roller chain tightener slide. Rotate the nylon roller chain tightener slide until roller chain is snug and then tighten the bolt, flatwasher and nut (see illustrations below).

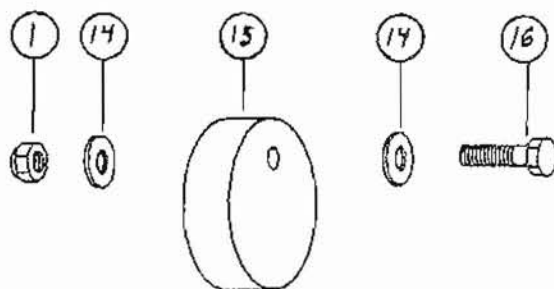
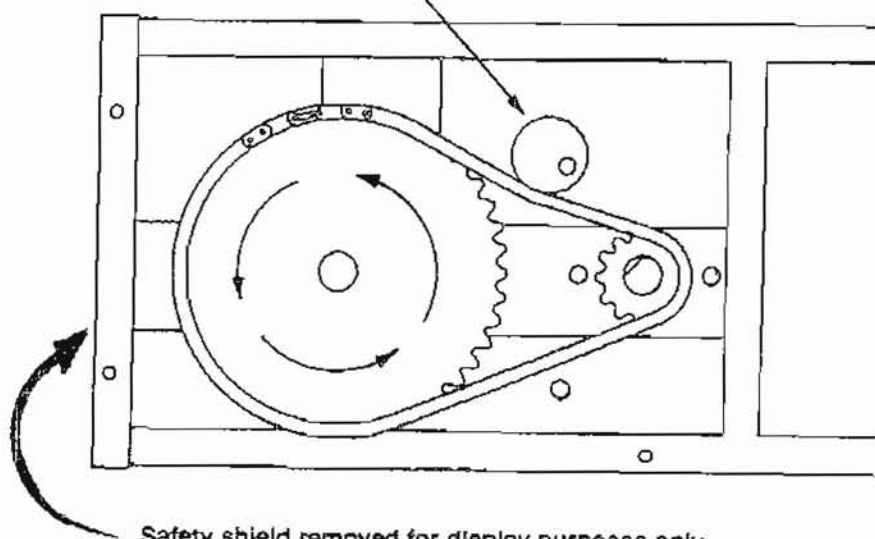


Illustration F



Safety shield removed for display purposes only.

Mount 12" jack pulley #25 onto jackshaft #26 with screw #23. Tighten set screw #23 down onto flat spot on end of jackshaft.