

INSTALLATION INSTRUCTIONS

PZ 61 inch Deck Kit - 966555402

Tools Required

- ½" socket or wrench (battery terminals, strut shaft, rear discharge guard).
- ½" breaker bar with 2-3" extension (relieve tension on idler arms).

Refer to Operators Manual when needed.

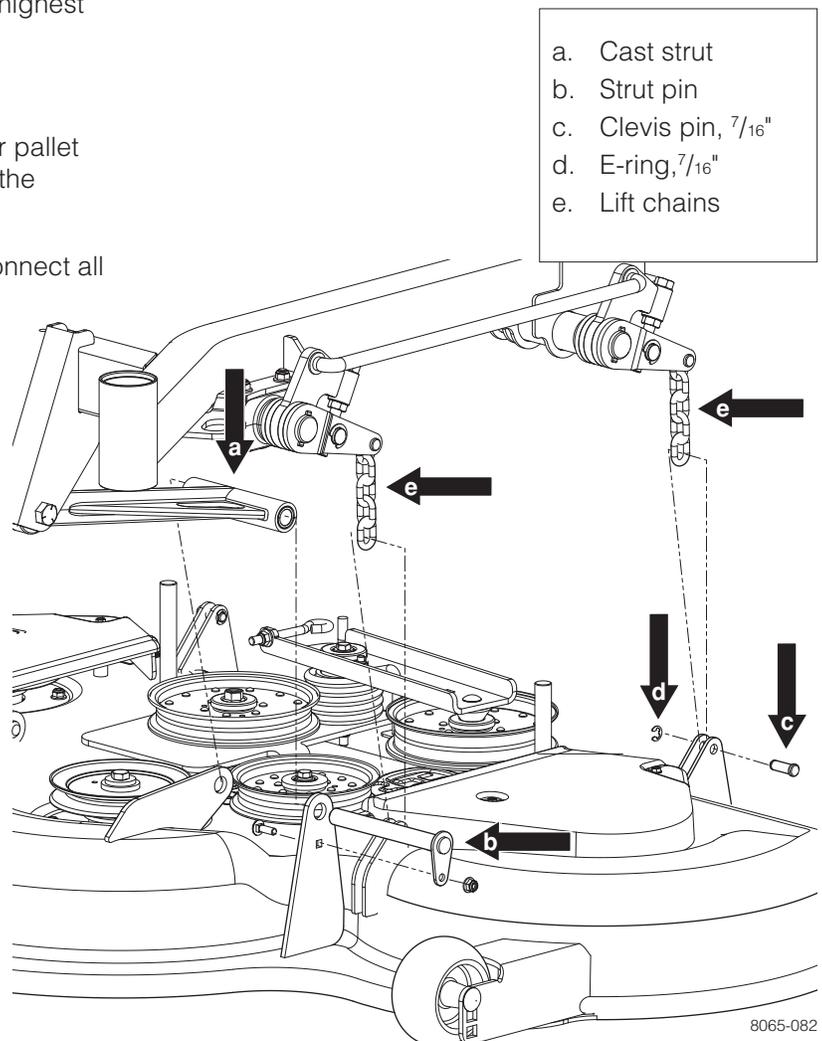
PZ Cutting Deck Installation

1. Disconnect negative cable from battery on the chassis.
2. If installing the deck on a diesel unit, remove the belt from the chassis deck and use the belt included with the diesel drive kit.
3. Make sure the unit deck lift pedal is latched in the transport position (furthest forward and highest cut position).
4. Slide the deck under the chassis.
5. Block the deck up with boards, pallet, or pallet jack, so the deck lift chains line up with the brackets on the deck.
6. Using the 7/16 clevis pins and E-rings, connect all four chains to the deck.
7. Line up the cast struts on the chassis with the brackets on the deck.
8. Slide the strut pins through the deck brackets and cast struts on each side.
9. Secure the strut pins to the deck on each side with bolts and nuts.
10. Remove the block from under the deck.



WARNING!

The deck lift system on the chassis has springs that assist in lifting the deck. Leave the deck lift in the transport position when installing the deck. Failure to follow these instructions could result in injury.

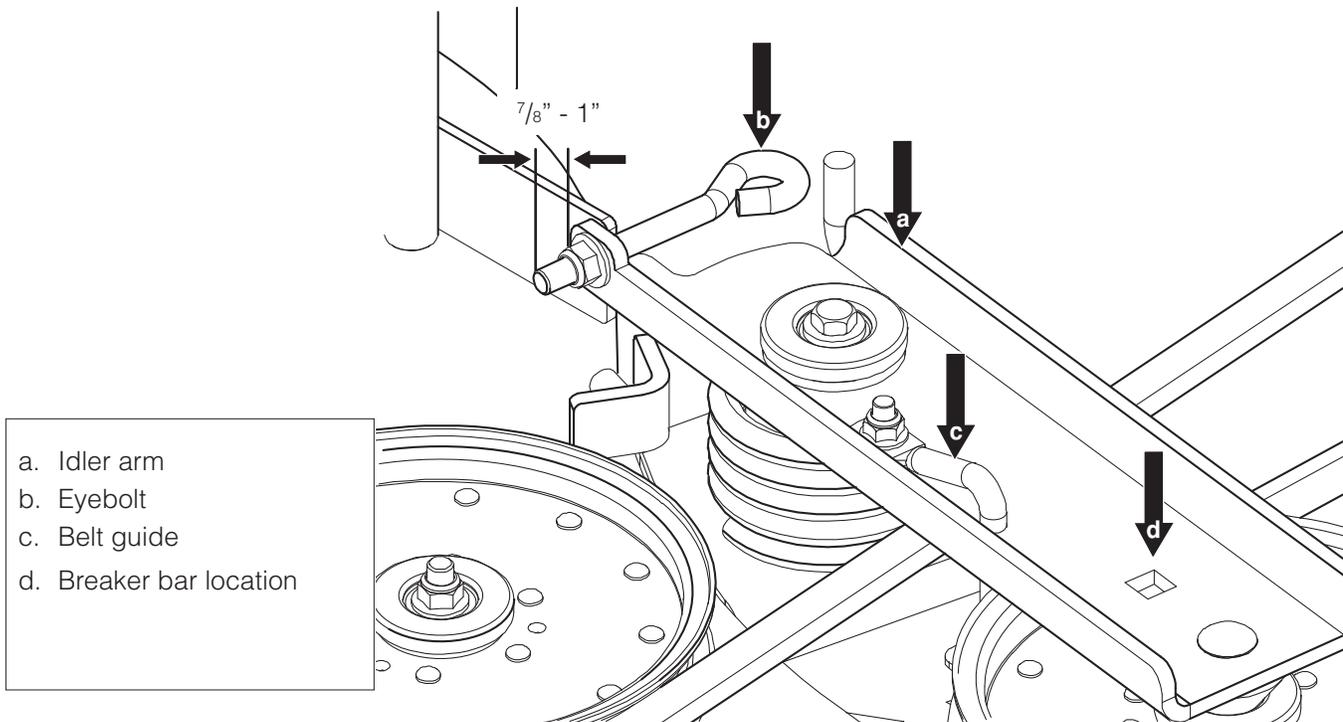


INSTALLATION INSTRUCTIONS

Deck Belt Installation

NOTE: For ease in installing the deck belt, refer to the routing decal on the cutting deck.

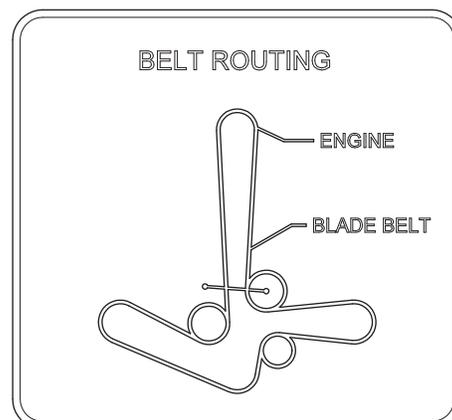
1. Lower the deck to the 3" cutting height.
2. Remove deck belt shields.
3. Place the belt around all the pulleys except the center spindle pulley.



4. With a $1/2''$ breaker bar, shift the idler arm counter clockwise. When there is enough slack, slip the belt onto the center spindle pulley.
5. Install the belt guide.
6. Double check belt routing to make sure it matches the routing decal, and that the belt does not have any twist. Correct if needed.
7. Adjust belt tension by turning the eyebolt until there is approximately $7/8'' - 1''$ of threads showing outside the nut.
8. Belt tension will be set to 60-70 lbs.
9. Replace belt shields on both mandrel housings and secure with fasteners.

Adjust belt tension

8065-054



8065-047

INSTALLATION INSTRUCTIONS

Deck Leveling

Adjust the deck while the mower is on a level surface. Make sure the tires are inflated to the correct pressure. See *Tire Pressures* in **Maintenance** section of your Operators Manual. If tires are under or over inflated, the deck cannot be properly adjusted. Faulty mower deck adjustments will cause an uneven mowing result.

Four bolts control the height and pitch of the mower deck. The deck should be adjusted slightly higher in the rear.

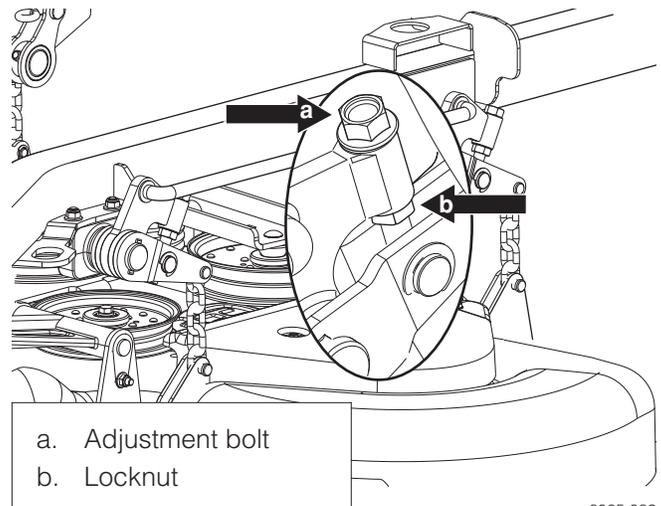
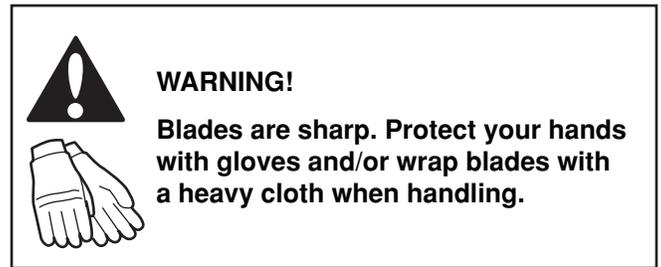
NOTE: To insure accuracy of leveling procedure, mower deck drive belt must be installed prior to leveling the deck.

1. Wear heavy gloves. Turn each outer blade tip to align the deck in a side-to-side manner.
2. Measure from the floor surface up to the bottom of the blade tip on the discharge side of the mower deck. Retain this measurement. Move to the opposite side; check that measurement is the same. If adjustment is required, loosen the locknut and adjust bolt up until both side-to-side measurements are equal. Retain measurement.
3. Turn both outer blades to align with the deck in front-to-rear manner. Reposition rear mounting bolts up or down until rear blade tips are positioned $\frac{1}{8}$ " to $\frac{3}{8}$ " higher in the rear than the front blade tips.
4. Confirm measurements once again. Blade tip height should be equal in a side-to-side manner. In the rear, blade tips should be $\frac{1}{8}$ " to $\frac{3}{8}$ " higher than the front measurement. In the front, blade tips should be equal from side-to-side.

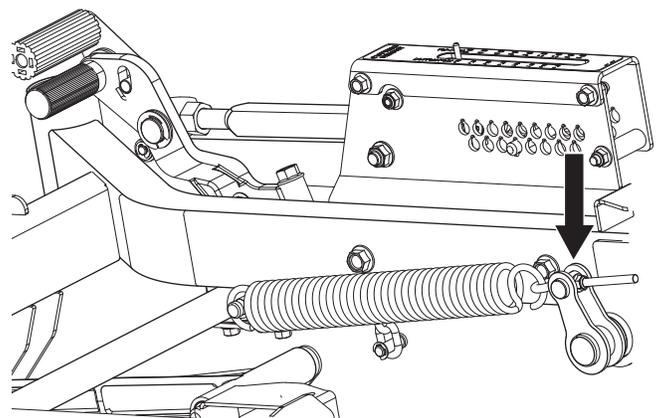
NOTE: This will place the mower deck in a base measurement position. Additional adjustment may be required to achieve desired cut for the type of grass or conditions being mowed.

Deck Lift Spring

When using the combi deck, the lift springs should be adjusted to allow the most slack possible. Access the springs by tilting the seat forward. Loosen the nut to adjust the spring tension.



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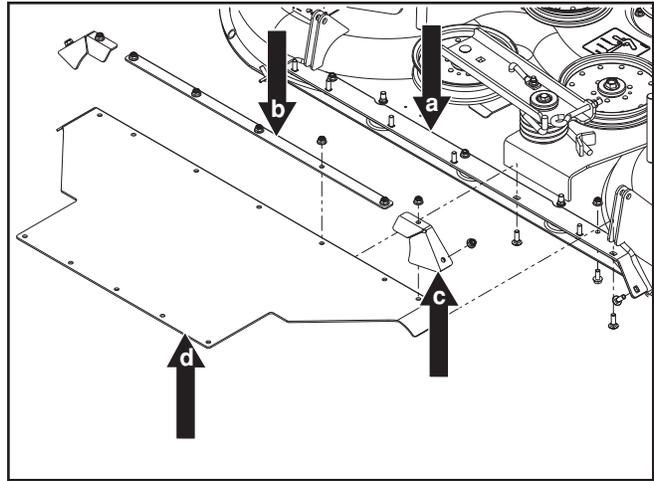
Deck lift spring

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INSTALLATION INSTRUCTIONS

Debris Guard Installation

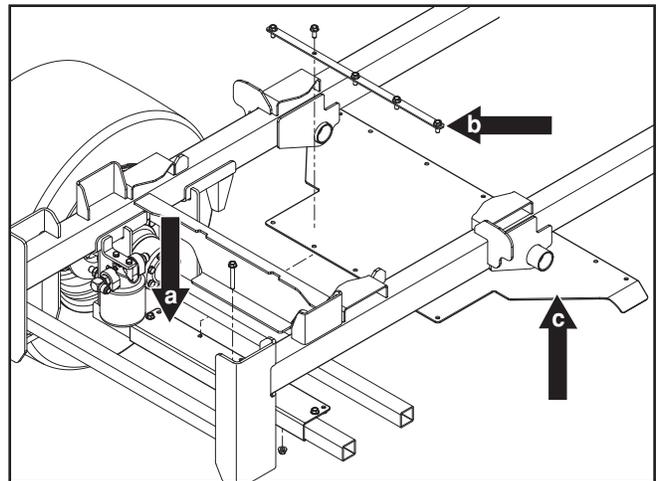
1. Attach the mounting plate to the rear of the deck with three $\frac{5}{16}$ -18 x $\frac{3}{4}$ bolts and nuts.
2. Place the long strap and right and left hand brackets on the top front of the rubber guard, matching holes with the mounting plate. Secure the rubber guard assembly to the mounting plate with nine $\frac{5}{16}$ -18 x 1 round head bolts and nuts.



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- a. Mounting plate*
- b. Long strap*
- c. Corner bracket*
- d. Rubber guard*

3. Attach the channel mount to the frame with three $\frac{5}{16}$ -18 bolt and nuts as shown. Place the short strap on top of the debris guard and secure the assembly to the channel mount with five $\frac{5}{16}$ -18 x $\frac{3}{4}$ bolts and nuts.
4. Reconnect negative cable to the battery when deck installation is complete.



8063-103

- a. Channel mount*
- b. Short strap*
- c. Rubber guard*

INSTALLATION INSTRUCTIONS

Anti-scalp Rollers

Anti-scalp rollers keep the deck in the proper position to help prevent scalping in most terrain conditions. Do not adjust the rollers to support the deck.

IMPORTANT INFORMATION

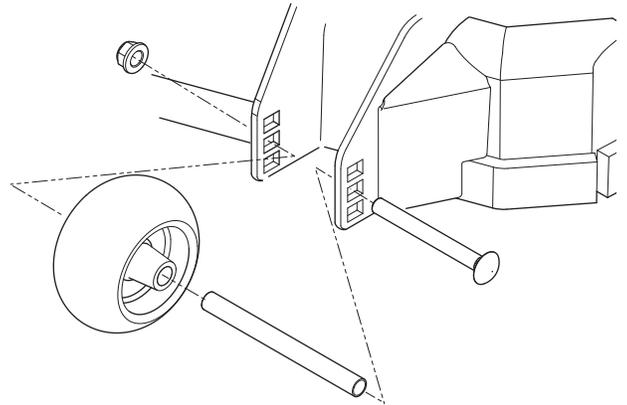
Adjust anti-scalp rollers with the mower on a flat level surface.

The **anti-scalp rollers** can be set in three positions:

- Upper position 1 to 2½" (25 to 63 mm) grass.
- Middle position 2½" to 4" (63 to 102 mm) grass.
- Lower position 4" to 5" (102 to 127 mm) grass.

IMPORTANT INFORMATION

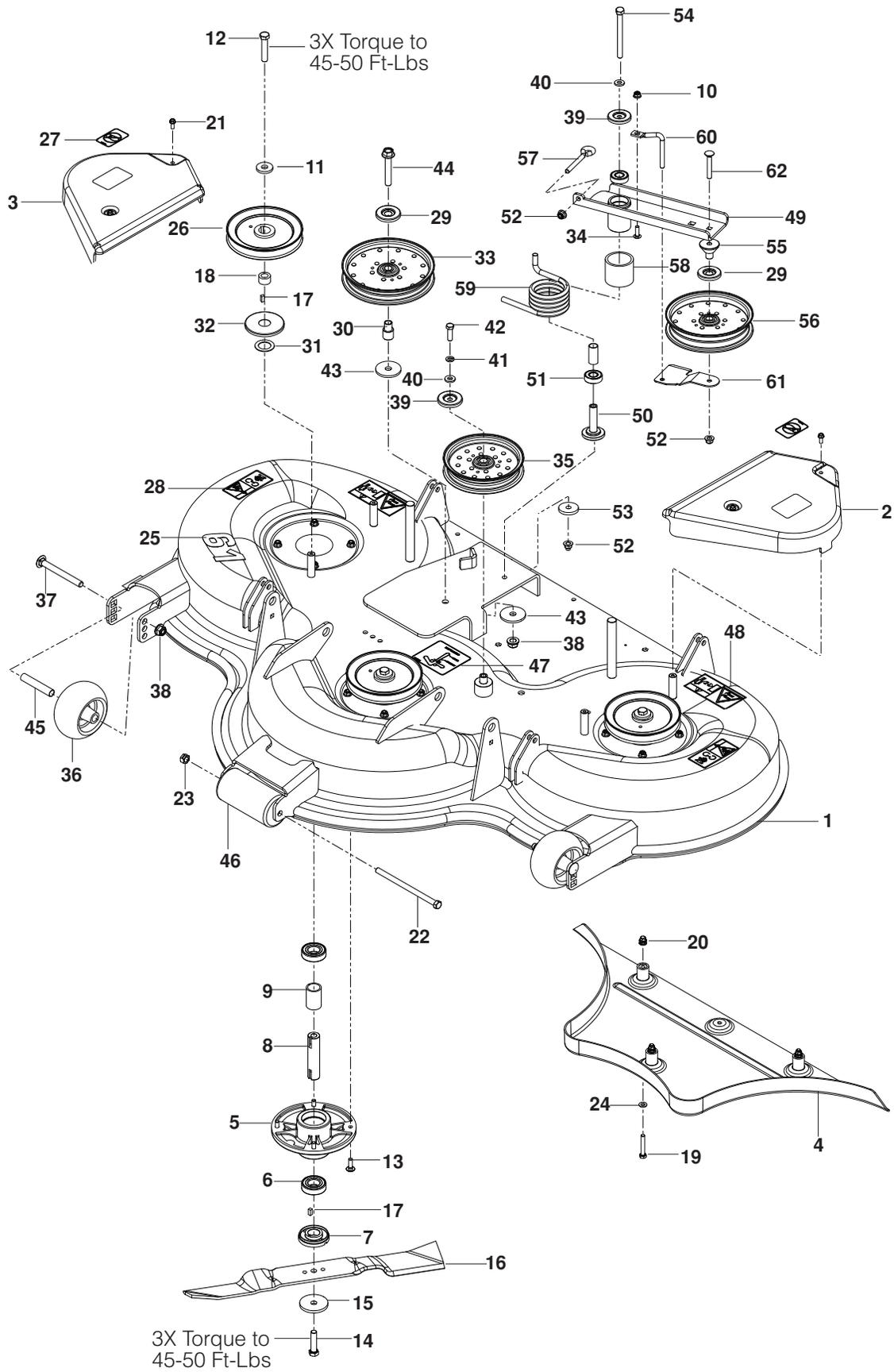
The anti-scalp rollers must not be used for gauge wheels or the roller and deck may be damaged.



Anti-scalp rollers

8065-029

PARTS LIST



PARTS LIST

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	576 380201....	1	.... DECK w/ SAFETY DECALS	32..	539 108450....	3	.... TOP DUST CAP
2..	539 112508....	1	.... BELT SHIELD, LT	33..	525 598201....	1	.... PULLEY, IDLER, 7" NARROW
3..	539 112509....	1	.... BELT SHIELD, RT	34..	539 107271....	1	.... RHSSNB $\frac{5}{16}$ -18 x 1
4..	544 166401....	1	.... MULCH PLUG, 155	35..	510 019601....	1	.... PULLEY, IDLER, 6" NARROW
5..	535 428901....	3	.... BEARING HOUSING	36..	574 169601....	2	.... ROLLER, GAUGE
6..	738 220519....	6	.... BEARING	37..	510 022301....	2	.... RHSNB $\frac{1}{2}$ -13 x $4\frac{3}{4}$
7..	539 132778....	3	.... BUSHING, BLADE	38..	521 991101....	3	.... NUT $\frac{1}{2}$ -13 FLG NYLOC
8..	535 428702....	3	.... AXEL	39..	510 254501....	2	.... SHIELD, DUST
9..	535 428801....	3	.... SPACER	40..	522 023401....	2	.... WASHER $\frac{3}{8}$, THICK
10..	539 112899..	13	.... NUT $\frac{5}{16}$ -18 FLANGE NYLOC	41..	539 990118....	1	.... WASHER $\frac{3}{8}$ SPLT LOCK
11..	539 115550....	3	.... WASHER $\frac{1}{2}$	42..	539 976941....	1	.... HCS $\frac{3}{8}$ -16 x $1\frac{1}{4}$
12..	539 132479....	3	.... HCS M12 x1.75 x 60, GR8.8	43..	539 111844....	2	.... WASHER, HEAVY
13..	539 990208..	12	.... RHSNB $\frac{5}{16}$ -18 x 1	44..	525 828901....	1	.... HFFS $\frac{1}{2}$ -13 x 3
14..	539 132480....	3	.... HCS M12 x 1.75 x 50, GR8.8	45..	574 196401....	2	.... TUBE, ROLLER AXLE
15..	506 792302....	3	.... WASHER	46..	544 185401....	1	.... ROLLER
16..	544 175801....	3	.... BLADE, C155	47..	574 437301....	1	.... DECAL, BELT ROUTING
17..	506 533501....	6	.... KEY	48..	539 105746....	2	.... DECAL, SEVERING
18..	539 112609....	3	.... KEY RETAINER	49..	525 464402....	1	.... ARM, IDLER
19..	539 132494....	3	.... HCS M8 x 1.25 x 50, GR8.8	50..	522 729701....	1	.... BEARING, IDLER PIVOT
20..	506 916203....	3	.... BLIND RIVET NUT	51..	539 112050....	2	.... BEARING, BALL
21..	539 990362....	4	.... SCREW $\frac{1}{4}$ -20 x $\frac{5}{8}$ THD FRM	52..	521 996501....	3	.... NUT $\frac{3}{8}$ -16 FLG NYLOC
22..	539 132470....	1	.... HCS $\frac{7}{16}$ -14 x 7	53..	539 106504....	1	.... WASHER, HEAVY
23..	539 990839....	1	.... NUT $\frac{7}{16}$ -14 CTRLK GR A	54..	539 101686....	1	.... HCS $\frac{3}{8}$ -16 x $4\frac{1}{2}$ GR8
24..	539 990188....	3	.... WASHER $\frac{5}{16}$ SAE	55..	510 263701....	1	.... BEARING, IDLER ARM
25..	544 245302....	1	.... LABEL	56..	510 015101....	1	.... PULLEY, IDLER 7"
26..	539 112507....	3	.... PULLEY, 61	57..	574 202001....	1	.... EYE BOLT
27..	539 105743....	2	.... DECAL, NO STEP	58..	525 465601....	1	.... SPACER, IDLER PIVOT
28..	539 105744....	2	.... DECAL, DNGR BELT DRIVE	59..	525 310901....	1	.... SPRING, TORSION
29..	510 262201....	2	.... SHIELD, DUST	60..	574 262201....	1	.... BELT KEEPER
30..	539 114582....	1	.... SPACER, IDLER	61..	574 262102....	1	.... BELT GUIDE
31..	539 127099....	3	.... WASHER 1.06	62..	539 128101....	1	.... BOLT $\frac{3}{8}$ -16 x $2\frac{1}{2}$ CARRIAGE

INSTALLATION INSTRUCTIONS

HEX HEAD CAP SCREWS

The torque values shown should be used as a general guideline when specific torque values are not given.

U.S. Standard Hardware

Grade	SAE Grade 5		SAE Grade 8		Flangelock Screw w/Flangelock Nut		
	ft./lbs	ft./lbs	Nm	ft./lbs	Nm	ft./lbs	Nm
Shank Size (Diameter in inches, fine or coarse thread)	1/4	9	12	13	18		
	5/16	18	24	28	38	24	33
	3/8	31	42	46	62	40	54
	7/16	50	68	75	108		
	1/2	75	102	115	156		
	9/16	110	150	165	224		
	5/8	150	203	225	305		
	3/4	250	339	370	502		
	7/8	378	513	591	801		
	1 1/8	782	1060	1410	1912		

** Grade 5 - Minimum commercial quality (lower quality not recommended)

Metric Standard Hardware

Grade	Grade 8.8		Grade 10.9		Grade 12.9		
	ft./lbs	ft./lbs	Nm	ft./lbs	Nm	ft./lbs	Nm
Shank Size (Diameter in millimeters, fine or coarse thread)	M4	1.5	2	2.2	3	2.7	3.6
	M5	3	4	4.5	6	5.2	7
	M6	5.2	7	7.5	10	8.2	11
	M7	8.2	11	12	16	15	20
	M8	13.5	18	18.8	25	21.8	29
	M10	24	32	35.2	47	43.5	58
	M12	43.5	58	62.2	83	75	100
	M14	70.5	94	100	133	119	159
	M16	108	144	147	196	176	235
	M18	142	190	202	269	242	323
	M20	195	260	275	366	330	440
	M22	276	368	390	520	471	628
	M24	353	470	498	664	596	794
	M27	530	707	474	996	904	1205