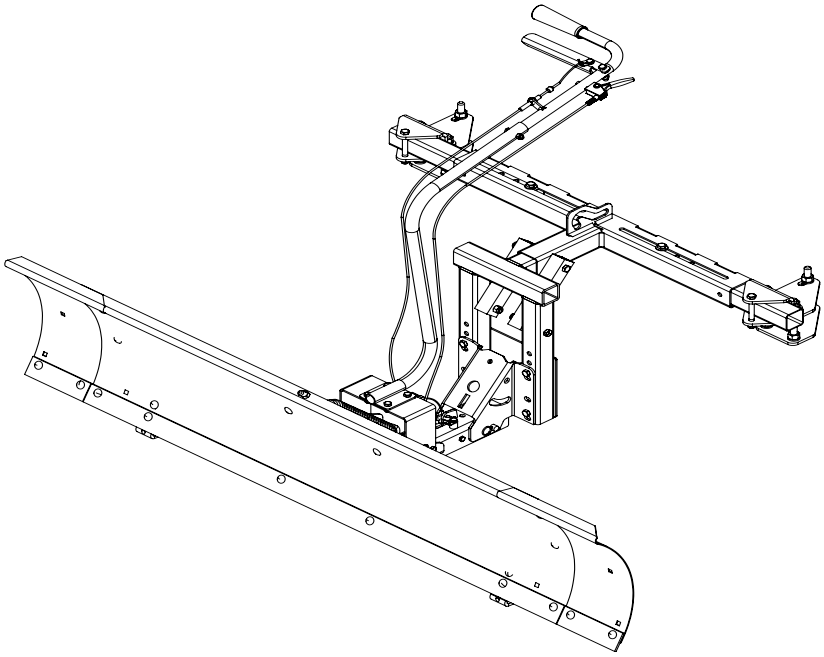
Agri-Fab®

Lawn Care Made Easy®



Video Instruction Guide

youtube.com/c/agrifab

45-06131

Zero Turn Snowblade

THANK YOU FOR YOUR PURCHASE!

Without your product review, we don't exist.

If you are happy with our quality products & service,
please take just a moment to leave positive feedback and
a short review of our product on our website or your retailer's website.

Not totally satisfied?

If you have any issues, don't hesitate to contact us.
We make mistakes sometimes, but please give us the chance
to make it right before leaving negative feedback against our product.

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MADE IN USA
WITH GLOBAL COMPONENTS

FORM NO. 3-555 (01/30/26)

SAFETY RULES

Remember, any equipment can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at all times when using this equipment.

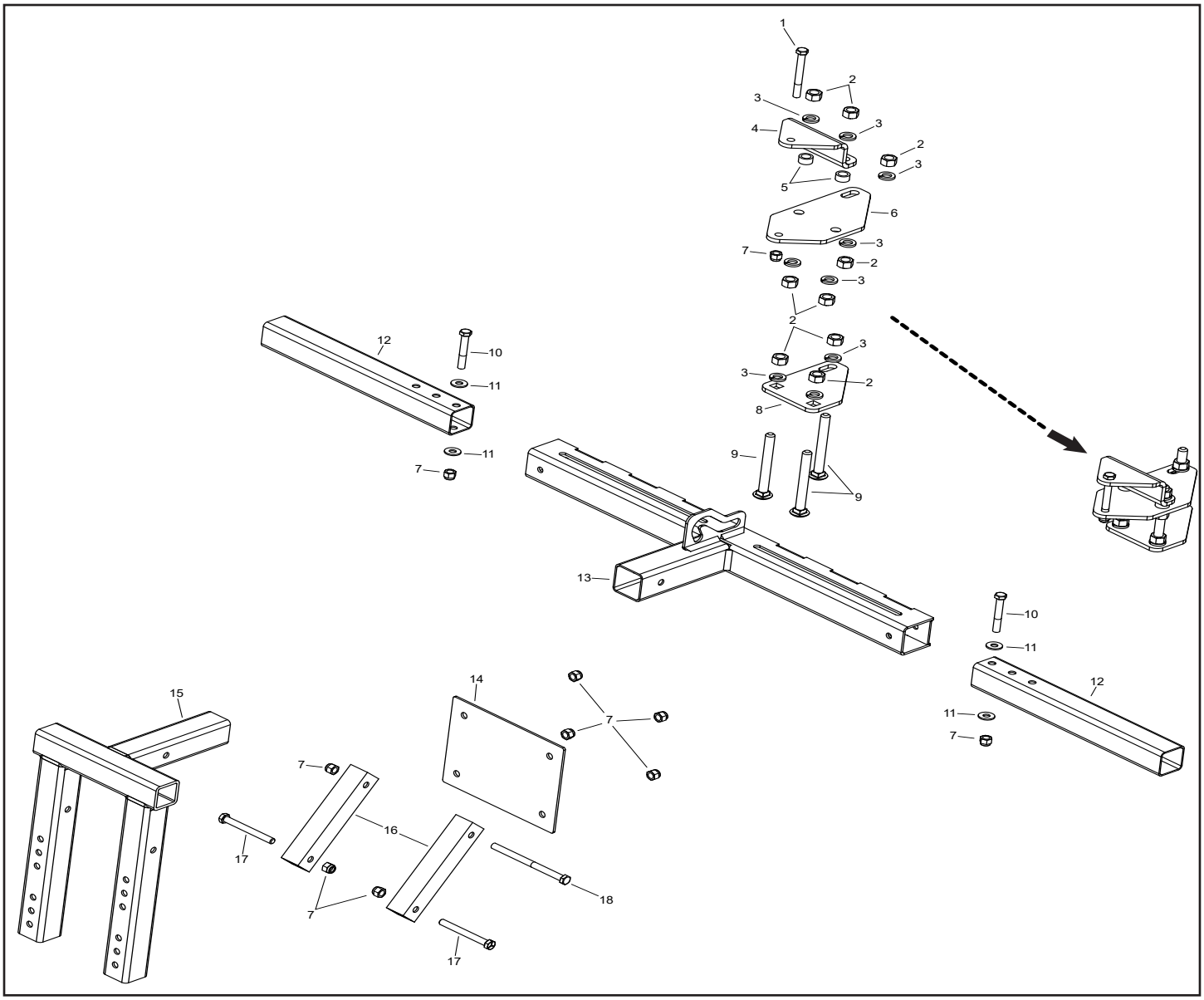
LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS - ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED.

CAUTION: VEHICLE BRAKING AND STABILITY MAY BE AFFECTED WITH THE ADDITION OF AN ACCESSORY OR AN ATTACHMENT. BE AWARE OF CHANGING CONDITIONS ON SLOPES.

Exercise caution at all times when using power equipment.

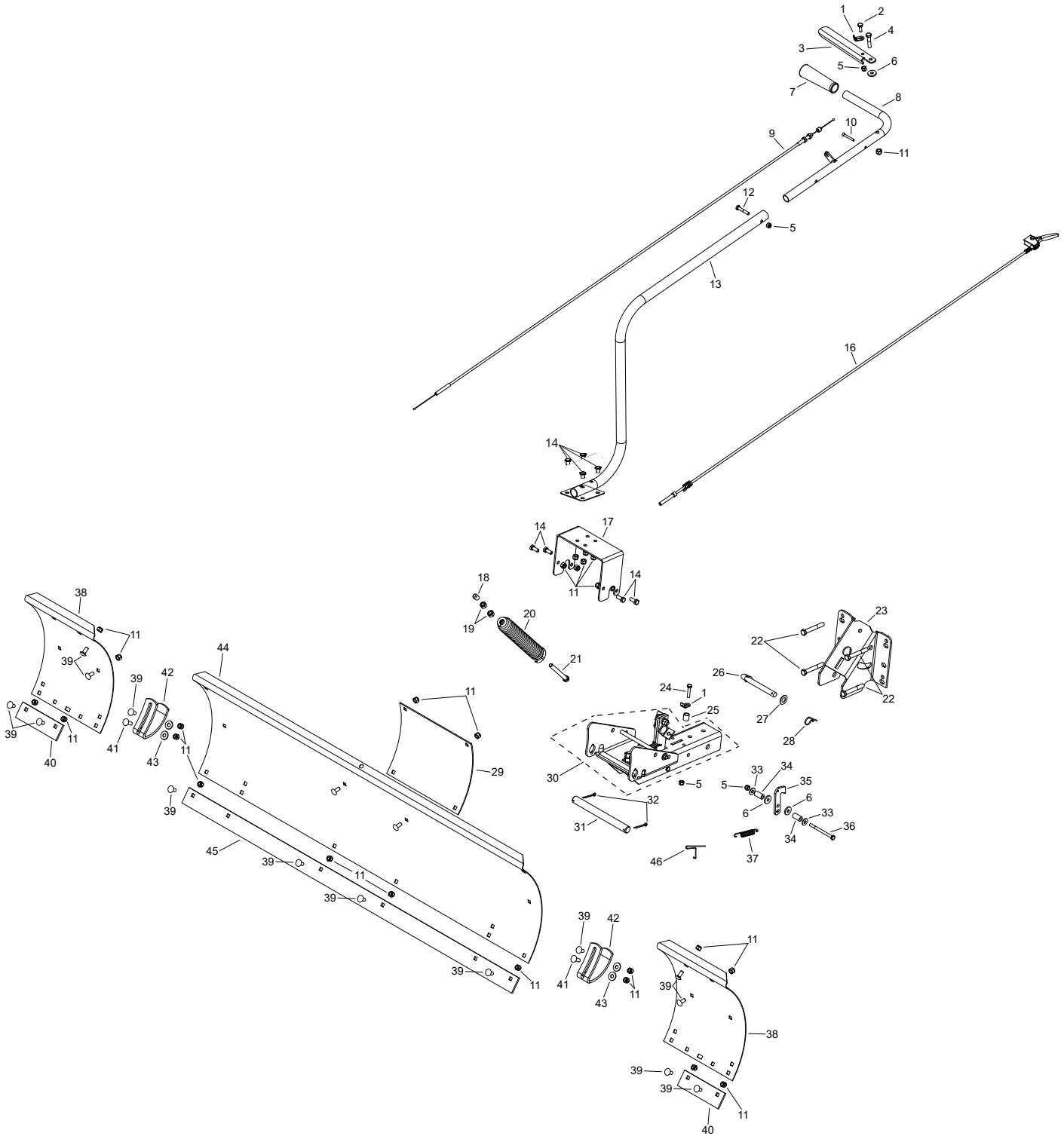
1. Read this owners manual carefully for operating and service instructions before attempting to assemble or operate this equipment. Be thoroughly familiar with the proper use of this equipment.
2. Read the vehicle owners manual and vehicle safety rules, and know how to operate the vehicle before using this equipment.
3. Never allow children to operate the mower or snowblade attachment, and do not allow adults to operate without proper instructions.
4. Do not allow anyone to ride or sit on snowblade attachment frame.
5. Keep the area of operation clear of all persons, particularly small children, and also pets.
6. The vehicle braking and stability may be affected with the attachment of this equipment. Be aware of changing conditions on slopes. Refer to safety rules in the vehicle owner's manual concerning safe operation on slopes. **STAY OFF OF STEEP SLOPES.**
7. Always operate up and down a slope, never across the face of a slope
8. This equipment should be operated at reduced speed on rough terrain, along creeks and ditches and on hillsides, to prevent tipping and loss of control. Do not drive too close to a creek or a ditch.
9. Do not operate this equipment on a highway or any other public thoroughfare.
10. Follow the maintenance instructions as outlined in this owners manual

REPAIR PARTS FOR 45-06131 ZERO TURN SNOWBLADE



REF	Part Number	DESCRIPTION	Qty
1	46938	BOLT, HEX 3/8-16 X 3-1/4	2
2	712-0206	NUT, HEX 1/2-13	18
3	43353	WASHER, 1/2 LOCK	18
4	2-1364BL3	PLATE, UPPER	2
5	47364	SPACER, 33/64 ID X 3/4 OD X 0.40	4
6	2-1363BL3	PLATE, MIDDLE	2
7	HA21362	NUT, HEX 3/8-16 NYLOCK	11
8	2-1362BL3	PLATE, LOWER	2
9	4-6	BOLT, CARR 1/2-13 X 5"	6
10	43432	BOLT, HEX 3/8-16 X 2-1/2 GR5	2
11	43081	WASHER, 3/8 X 7/8 X 5/64	4
12	45814BL3	TUBE, SLIDER	2
13	6-1452BL3	ASS'Y, HITCH MOUNT	1
14	2-821BL3	PLATE, BRACE	1
15	6-993BL3	ASS'Y, BLADE MOUNT	1
16	2-843BL3	TUBE, BRACE	2
17	44071	BOLT, HEX 3/8-16 X 3-1/2 H	2
18	4-60	BOLT, HEX 3/8-16 X 5-1/4 GR5	1

REPAIR PARTS FOR 45-06131 ZERO TURN SNOWBLADE



REPAIR PARTS FOR 45-06131 ZERO TURN SNOWBLADE

REF	PART No	DESCRIPTION	Qty
1	48084	CLEVIS LANYARD FITTING	2
2	43012	BOLT, HEX 1/4-20 X 3/4 GR5	1
3	2-1382BL3	LEVER	1
4	43085	BOLT, HEX 5/16-18 X 1-1/2 G5	1
5	47189	NUT, HEX 1/4-20 NYLOCK	5
6	1543-69	WASHER, NYLON 5/16 X 3/4 X 29/32	3
7	46471	GRIP	1
8	6-1718BL3	ASS'Y, LIFT HANDLE TUBE	1
9	49808	CONTROL CABLE, W/ENDS	1
10	49266	SCREW, 10-24 X 3/2 OH C/SINK	1
11	47810	NUT, HEX 5/16-18 NYLOCK	27
12	43648	BOLT, HEX 1/4-20 X 1-1/2	1
13	6-1917BL3	TUBE, SWIVEL	1
14	43182	BOLT, HEX 5/16-18 X 3/4 GR5	8
15	712-0256	NUT, HEX 5/16-24 JAM	2
16	49912	ASS'Y, TRIGGER & LIFT CABLE	1
17	2-1375BL3	BRACKET, SWIVEL	1
18	44074	CAP, 3/8 ID VINYL	1
19	43015	NUT, HEX 3/8-16	4
20	48090	SPRING, TRIP	1
21	44071	BOLT, HEX 3/8-16 X 3-1/2	1
22	43509	BOLT, HEX 3/8-16 X 2-3/4 GR5	4
23	2-1466BL1	BRACKET, PIVOT SUPPORT	1
24	1509-90	BOLT, HEX 1/4-20 X 1-1/4 GR5	1
25	23658	SPACER, 29/64 ID X 9/16 OD X 5/8	1
26	46065	PIN, CHANNEL PIVOT 1/2"	1
27	R19171616	WASHER, 17/32 X 1 X .0598	1
28	43055	PIN, HAIR 3/32 X 1.8	1
29	62980BL1	ASS'Y, REINFORCEMENT PLATE	1
30	6-1717BL1	ASS'Y, CHANNEL SUB	1
31	23122	SHAFT, PIVOT	1
32	43010	PIN, COTTER 1/8 X 1-1/4	2
33	43088	WASHER, 5/16 X 47/64 X 5/64	2
34	46053	SPACER, 9/32ID X 1/2OD X 61/64	3
35	2-1361BL3	LATCH	1
36	46071	BOLT, HEX 1/4-20 X 3-1/4 G5	2
37	47408	SPRING, EXTENSION PLTD	1
38	2-822BL3	BLADE EXTENSION 6"	2
39	43080	BOLT, CARR 5/16-18 X 3/4 GR5	16
40	2-823BL3	WEAR PLATE 6"	2
41	44326	BOLT, CARR 5/16-18 X 1 GR5	2
42	24690BL1	SKID, SHOE	2
43	43081	WASHER, 3/8 X 7/8 X .083	4
44	23955BL3	BLADE 48"	1
45	23956BL3	WEAR PLATE 48"	1
46	47622	PULLER, SPRING	1
-	726-0178	TIE, NYLON CABLE	2
-	3-555	MANUAL, OWNER'S	1

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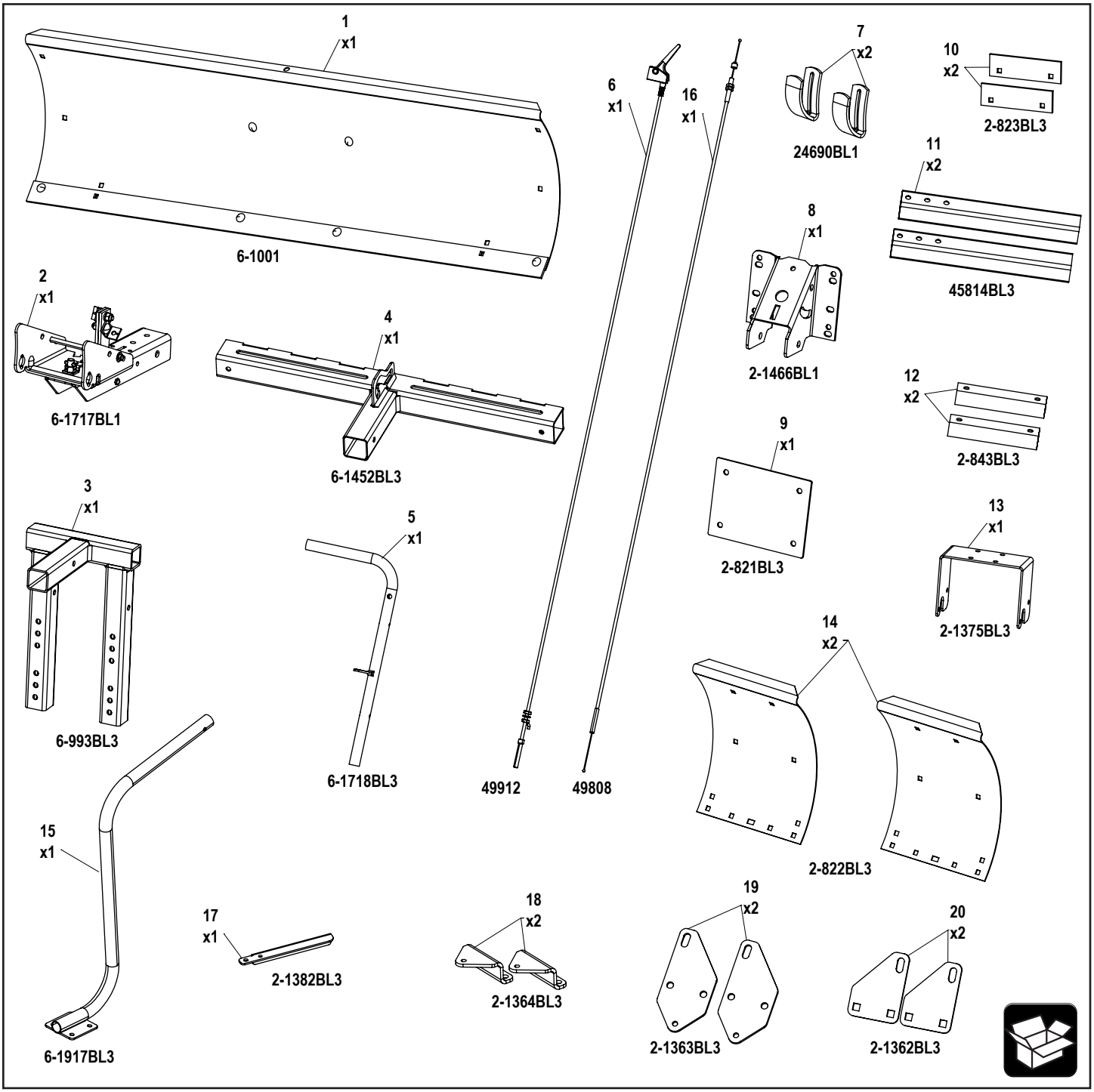
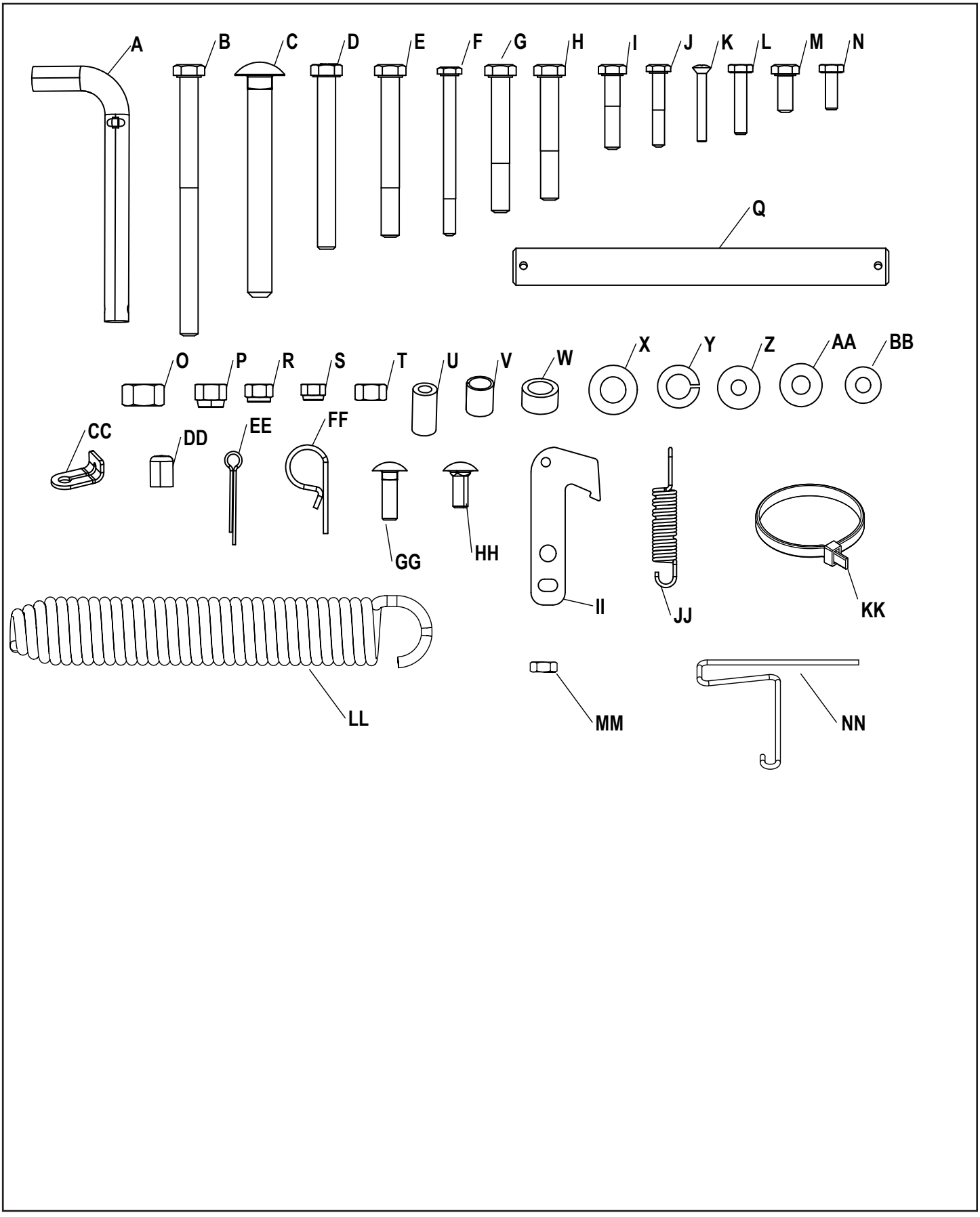
CARTON CONTENTS - PARTS



REF	QTY	PART NO	DESCRIPTION
1	1	6-1001	ASS'Y, 48" BLADE-SKD-SCRAPER
2	1	6-1717BL1	ASS'Y, CHANNEL SUB
3	1	6-993BL3	ASS'Y, BLADE MOUNT
4	1	6-1452BL3	ASS'Y, HITCH MOUNT
5	1	6-1718BL3	ASS'Y, LIFT HANDLE TUBE
6	1	49912	ASS'Y, TRIGGER & LIFT CABLE
7	2	24690BL1	SKID, SHOE
8	1	2-1466BL1	BRACKET, PIVOT SUPPORT
9	1	2-821BL3	PLATE, BRACE
10	2	2-823BL3	WEAR PLATE 6"

REF	QTY	PART NO	DESCRIPTION
11	2	45814BL3	TUBE, SLIDER
12	2	2-843BL3	TUBE, BRACE
13	1	2-1375BL3	BRACKET, SWIVEL
14	2	2-822BL3	BLADE EXTENSION 6"
15	1	6-1917BL3	TUBE, SWIVEL
16	1	49808	CONTROL CABLE, W/ENDS
17	1	2-1382BL3	LEVER
18	2	2-1364BL3	PLATE, UPPER
19	2	2-1363BL3	PLATE, MIDDLE
20	2	2-1362BL3	PLATE, LOWER

CARTON CONTENTS - HARDWARE



CARTON CONTENTS - HARDWARE

REF	QTY	PART NO	DESCRIPTION
A	1	46065	PIN, CHANNEL PIVOT 1/2"
B	1	4-60	BOLT, HEX 3/8-16 X 5-1/4
C	6	4-6	BOLT, CARR 1/2-13 X 5"
D	3	44071	BOLT, HEX 3/8-16 X 3-1/2
E	2	46938	BOLT, HEX 3/8-16 X 3-1/4
F	1	46071	BOLT, HEX 1/4-20 X 3-1/4
G	4	43509	BOLT, HEX 3/8-16 X 2-3/4
H	2	43432	BOLT, HEX 3/8-16 X 2-1/2
I	1	43085	BOLT, HEX 5/16-18 X 1-1/2
J	1	43648	BOLT, HEX 1/4-20 X 1-1/2
K	1	49266	SCREW, 10-24 X 1-1/2 C/SINK
L	1	1509-90	BOLT, HEX 1/4-20 X 1-1/4
M	8	43182	BOLT, HEX 5/16-18 X 3/4
N	1	43012	BOLT, HEX 1/4-20 X 3/4
O	18	712-0206	NUT, HEX 1/2-13
P	11	HA21362	NUT, HEX 3/8-16 NYLOCK
Q	1	23122	SHAFT, PIVOT
R	21	47810	NUT, HEX 5/16-18 NYLOCK
S	4	47189	NUT, HEX 1/4-20 NYLOCK
T	2	43015	NUT, HEX 3/8-16
U	2	46053	SPACER, 9/32ID X 1/2OD X .95
V	1	23658	SPACER, 29/64 ID X 9/16 OD X 5/8

REF	QTY	PART NO	DESCRIPTION
W	4	47364	SPACER, 33/64 ID X 3/4 OD X .40
X	1	R19171616	WASHER, 17/32 X 1 X .0598
Y	18	43353	WASHER, 1/2 LOCK
Z	3	1543-69	WASHER, NYLON 21/64 X 3/4 X 29/32
AA	8	43081	WASHER, 3/8 X 7/8 X 5/64
B	2	43088	WASHER, 5/16 X 47/64 X 5/64
CC	2	48084	CLEVIS LANYARD FITTING
DD	1	44074	CAP, 3/8 ID VINYL
EE	2	43010	PIN, COTTER 1/8 X 1-1/4
FF	1	43055	PIN, HAIR 3/32 X 1.8
GG	2	44326	BOLT, CARR 5/16-18 X 1
HH	10	43080	BOLT, CARR 5/16-18 X 3/4
II	1	2-1361BL3	LATCH
JJ	1	47408	SPRING, EXTENSION PLTD
KK	2	726-0178	TIE. NYLON CABLE
LL	1	48090	SPRING, TRIP
MM	2	712-0256	NUT, HEX 5/16-24 JAM
NN	1	47622	PULLER, SPRING

PRE-ASSEMBLY PREPARATION

TOOLS REQUIRED FOR ASSEMBLY

(2) Adjustable Wrench

(2) 7/16" Wrenches

(2) 1/2" Wrenches

(2) 9/16" Wrenches

(2) 3/4" Wrenches or (1) 3/4" Wrench and (1) 3/4" Deep Socket

(1) Pliers

Lay out and identify the parts and hardware using the illustrations on page 7, 8, and page 9.

ZT MOWER

- Look at Figures A, B, and C below to identify the front end of your Zero Turn Mower.
- If Figure A matches go to Steps 1A through 1K on pages 11-13.

Note: If you mowers front end is switched with short on left and long on the right use Figure A Steps; but switch the left and right directions.

- If Figure B matches go to Steps 2A through 2J on pages 14-16.
- If Figure C matches go to Steps 3A through 3H on pages 17-19.

Note: If required due to the angle of the front frame, the middle (19) and lower (20) plates may need to be flipped so the angled side faces the opposite direction to allow proper fit.

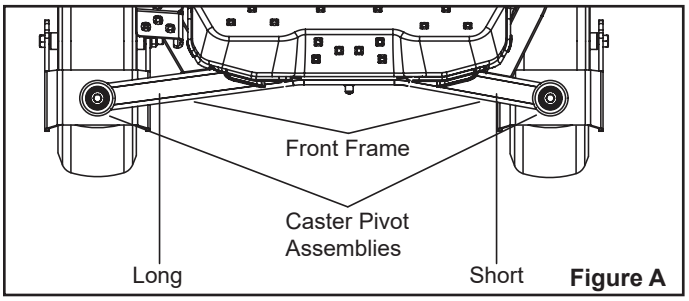


Figure A

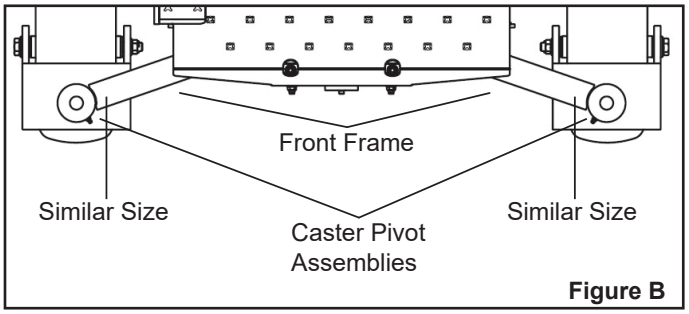


Figure B

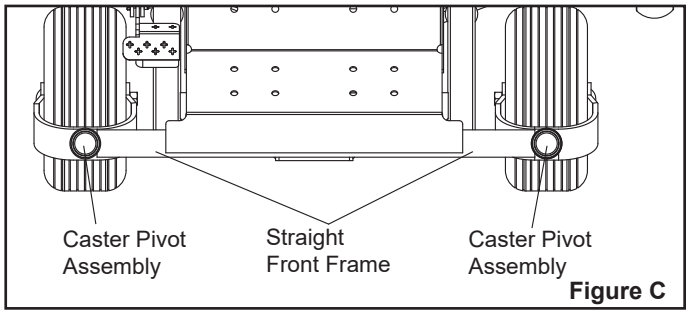


Figure C

ASSEMBLY INSTRUCTIONS

Note: All directions (front, rear, left, right) are defined from the perspective of looking at the mowers front frame.

ASSEMBLE THE HITCH MOUNT ASSEMBLY (FIGURE A)

STEP 1A: (SEE FIGURE 1A)

- Position the hitch mount assembly (4) with the receiver hitch facing towards you.
- Insert a slider tube (11) with the holes facing inwards into the left side of the hitch mount assembly (4). Letting the end hang out about one to two inches.
- Insert a slider tube (11) with the holes facing outwards all the way into the right side of the hitch mount assembly (4).

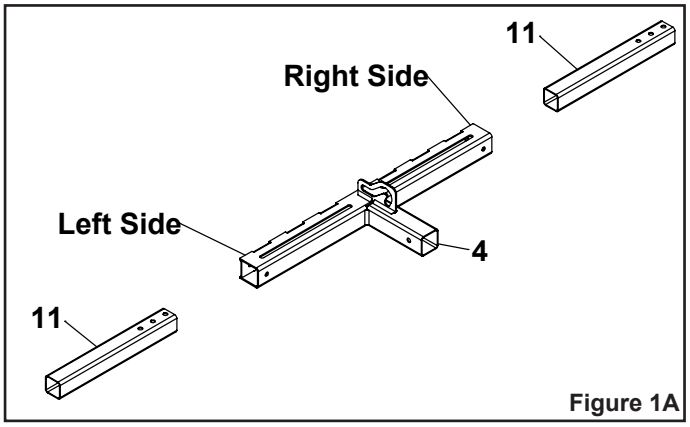


Figure 1A

STEP 1B: (SEE FIGURE 1B)

- Hold the hitch mount assembly (4) onto the front frame of the mower and center it.
- Adjust the end of the slider tube (11) on the left side of the hitch mount assembly (4) so it is within a ¼" of the caster pivot assembly.
- Remove the hitch mount assembly (4) from the mower without moving the slider tubes (11).
- Install a hex bolt (H) and washer (AA) through the hitch mount assembly (4) and left slider tubes (11) inner hole as shown below.
- Install a washer (AA) and a nylock hex nut (P).
- Tighten hardware.

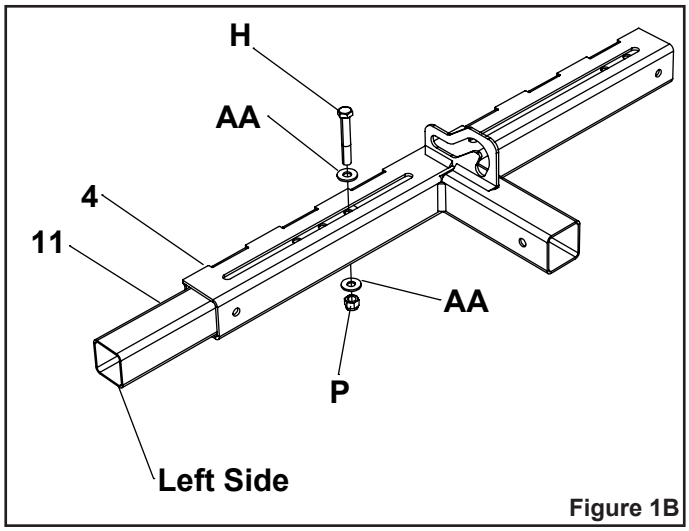


Figure 1B

STEP 1C: (SEE FIGURE 1C)

- Place a carriage bolt (C) through each hole on the lower plate (20).
- Install a lock washer (Y) and a hex nut (O) onto each carriage bolt (C). Tighten the hex nuts (O).
- Thread hex nut (O) onto carriage bolt (C) until it is approximately 1-3/8 inches from the previously installed hex nut (O). Install a lock washer (Y). Repeat on other two carriage bolts (C).
- Repeat on the other lower plate (20).

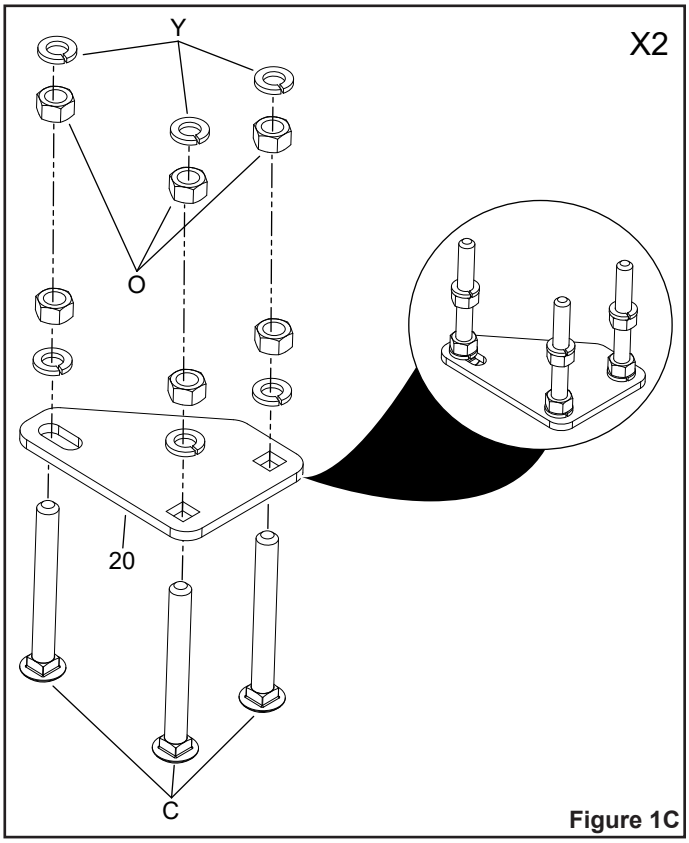


Figure 1C

STEP 1D: (SEE FIGURE 1D)

- Place the lower plate (20) on the bottom of the front frame routing the carriage bolts (C) through the middle plate (19). (Slotted end is facing towards the mower)
- Secure the carriage bolt (C) through the slotted hole with a lock washer (Y) and a hex nut (O). Do not fully tighten.
- Do not secure the front two carriage bolts (C).
- Repeat on right side.

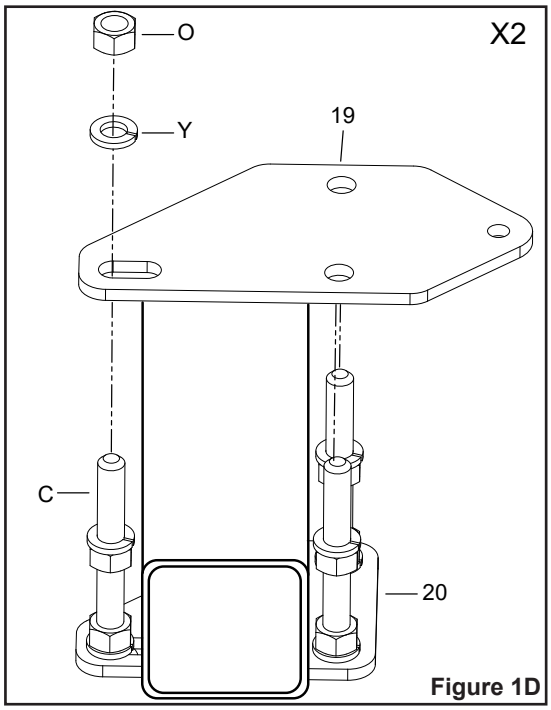


Figure 1D

STEP 1E: (SEE FIGURE 1E)

- On the left side install an upper plate (18) onto the front carriage bolts (C) as shown below.
- Install a lock washers (Y) onto each carriage bolt (C).
- Thread a hex nut (O) onto each carriage bolt (C) only 2-3 turns.

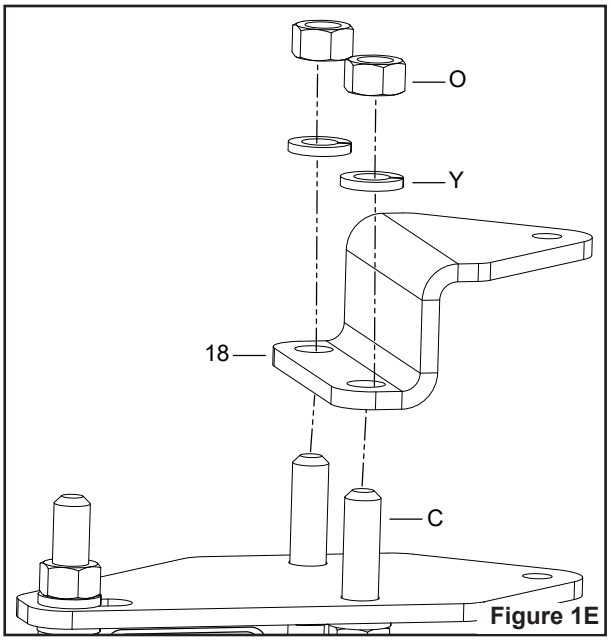


Figure 1E

STEP 1F: (SEE FIGURE 1F)

- On the right side install a small spacer (W) onto each front carriage bolts (C).
- Install a upper plate (18) onto the front carriage bolts (C) and small spacers (W) as shown below.
- Install a lock washers (Y) onto each carriage bolt (C).
- Thread a hex nuts (O) onto each carriage bolt (C) only 2-3 turns.

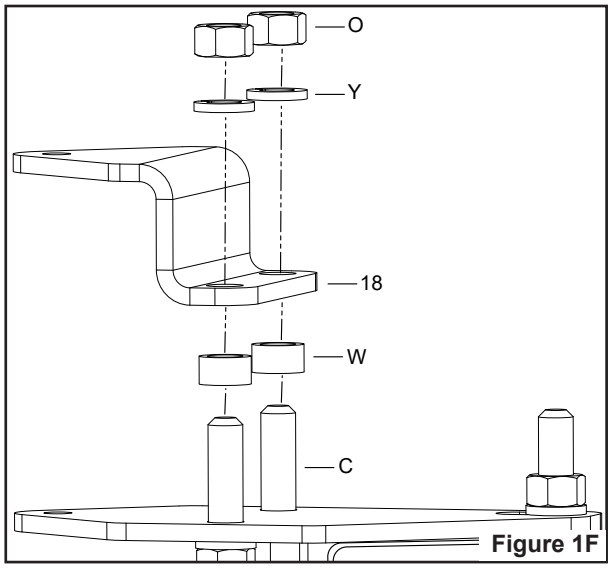


Figure 1F

STEP 1G: (SEE FIGURE 1G)

- Place the hitch mount assembly (4) / slider tube (11) on left side in between the middle plate (19) and the upper plate (18). Make sure the hitch is facing away from mower.
- Center the hitch mount assembly (4) onto the front frame as close as possible.

Note: In figure mower frame is not shown for clarity.

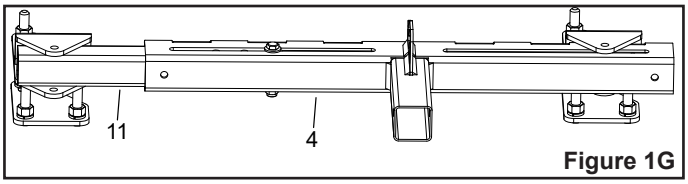


Figure 1G

STEP 1H: (SEE FIGURE 1H)

- On the right side you may need to adjust the slider tube (11) to allow a hole on the slide tube (11) to line up with the upper plates (18) forward hole.
- After it is aligned install a hex bolt (E) through the upper plate (18), slider tube (11), and the middle plate (19).
- Install hex nut (P); do not fully tighten.

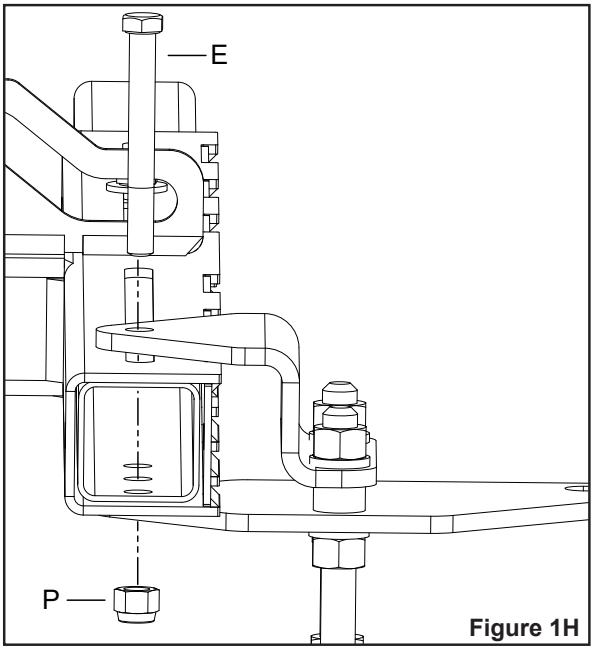


Figure 1H

STEP 1I: (SEE FIGURE 1I)

- On the left side make sure the slider tube (11) is up against the inside of the upper plate (18).
- Install a hex bolt (E) through the upper plate (18) and the middle plate (19).
- Install hex nut (P); do not fully tighten.

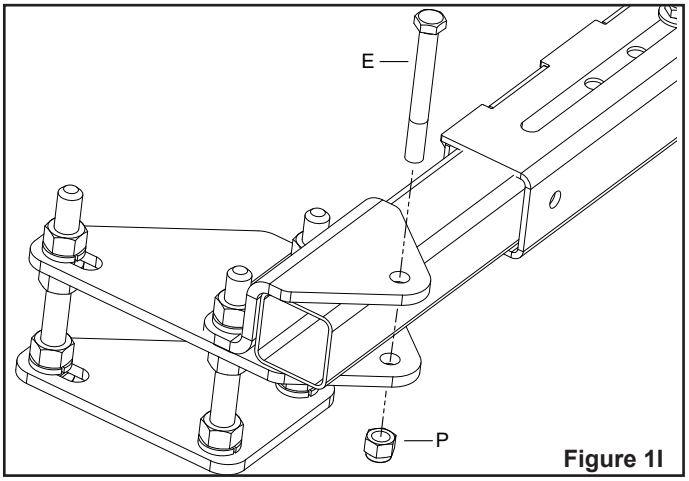


Figure 1I

STEP 1J: (SEE FIGURE 1J)

Following steps are for the left side.

- Slide the plate assembly toward the front frame, ensuring the two bolts are positioned as close to the front frame as possible.
- Tighten hex nut (O1 and O2) up against the lock washer; but do not compress the lock washer.
- Tighten hex nut (O3) up against the lock washer; but do not compress the lock washer.
- Push down on the middle plate so it rests on the O3 hex nut and lock washer to verify it is level. Adjust as needed.
- Hand tighten the O4, O5, and O6 hex nuts.

Note: Tighten the hardware only until snug; overtightening may bend the plates.

- Tighten O4 hex nut with a 3/4" wrench or deep socket.
- Tighten O5 and O6 hex nuts with a 3/4" wrench or deep socket.
- Verify the plate assembly is tight on the front frame.
- Tighten the O1 and O2 hex nuts until the lock washers are fully compressed.
- Tighten the O3 hex nuts until the lock washers are fully compressed.
- Repeat steps on right side.

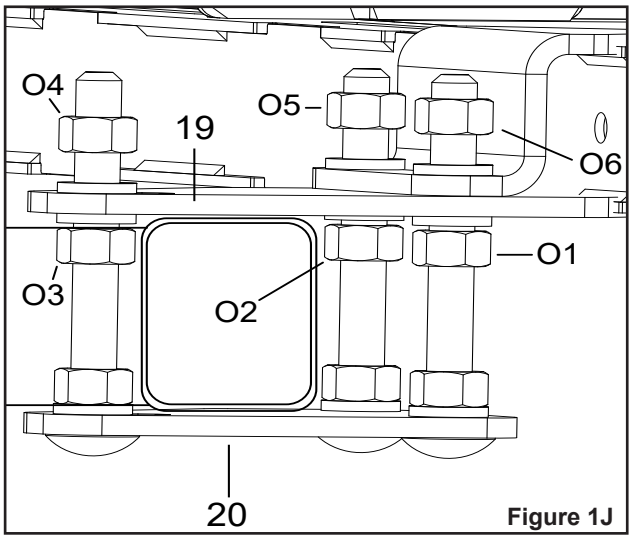


Figure 1J

Note: Image shown above depicts the left-side view with no.small spacers (W).

- Scan the QR code to watch Step 1J.

STEP 1K: (SEE FIGURE 1K)

- Tighten the hardware from Step 1H and Step 1I.

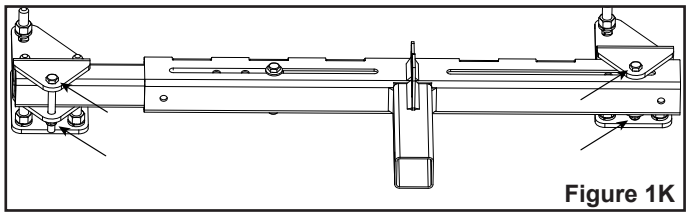


Figure 1K

Note: All directions (front, rear, left, right) are defined from the perspective of looking at the mowers front frame.

ASSEMBLE THE HITCH MOUNT ASSEMBLY (FIGURE B)

STEP 2A: (SEE FIGURE 2A)

- Position the hitch mount assembly (4) with the receiver hitch facing towards you.
- Insert a slider tube (11) with the holes facing inwards into both sides of the hitch mount assembly (4). Letting the ends hang out about one to two inches.

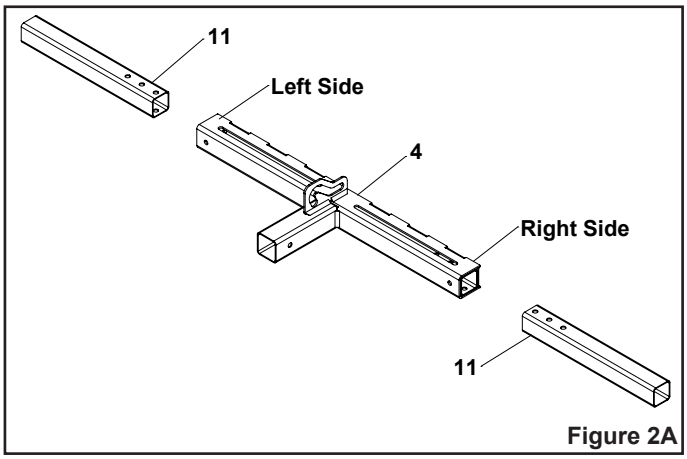


Figure 2A

STEP 2B: (SEE FIGURE 2B)

- Hold the hitch mount assembly (4) onto the front frame of the mower and center it.
- Adjust the slider tube (11) on each side of the hitch mount assembly (4) so it is within a ¼" of the caster pivot assembly.
- Remove the hitch mount assembly (4) from the mower without moving the slider tubes (11).
- Install a hex bolt (H) and washer (AA) through the hitch mount assembly (4) and slider tube (11) inner hole as shown below on each side.
- Install a washer (AA) and a nylock hex nut (P).
- Tighten hardware.

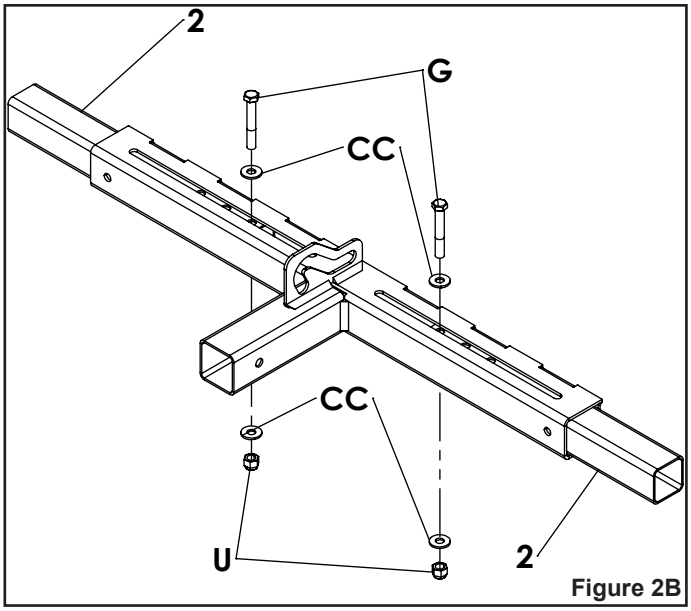


Figure 2B

STEP 2C: (SEE FIGURE 2C)

- Place a carriage bolt (C) through each hole on the lower plate (20)
- Install a lock washer (Y) and a hex nut (O) onto each carriage bolt (C). Tighten the hex nuts (O).
- Thread hex nut (O) onto carriage bolt (C) until it is approximately 1-3/8 inches from the previously installed hex nut (O). Install a lock washer (Y). Repeat on other two carriage bolts (C).
- Repeat on the other lower plate (20).

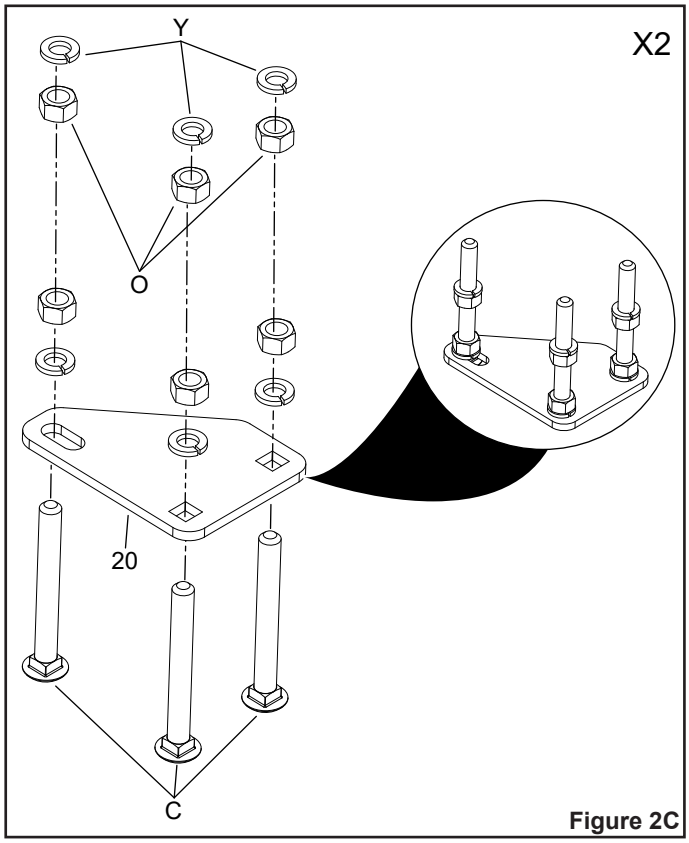


Figure 2C

STEP 2D: (SEE FIGURE 2D)

- Place the lower plate (20) on the bottom of the front frame routing the carriage bolts (C) through the middle plate (19). (Slotted end is facing towards the mower)
- Secure the carriage bolt (C) through the slotted hole with a lock washer (Y) and a hex nut (O). Do not fully tighten.
- Do not secure the front two carriage bolts (C).
- Repeat on right side.

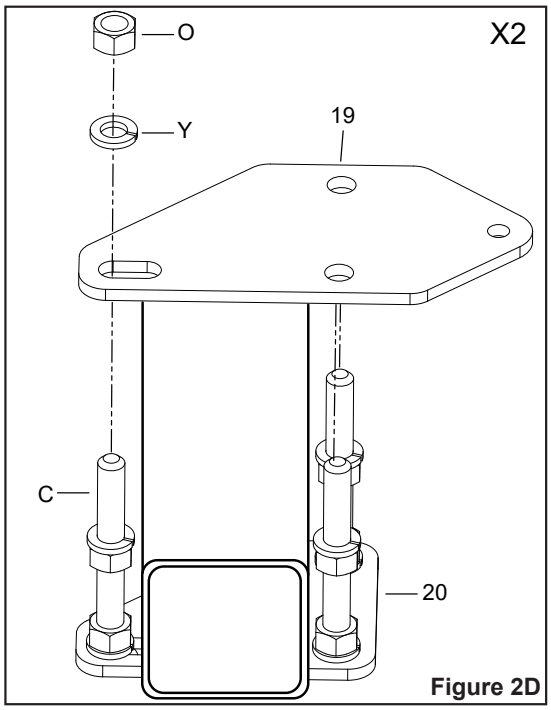


Figure 2D

STEP 2E: (SEE FIGURE 2E)

- On the left side install an upper plate (18) onto the front carriage bolts (C) as shown below.
- Install a lock washers (Y) onto each carriage bolt (C).
- Thread a hex nut (O) onto each carriage bolt (C) only 2-3 turns.

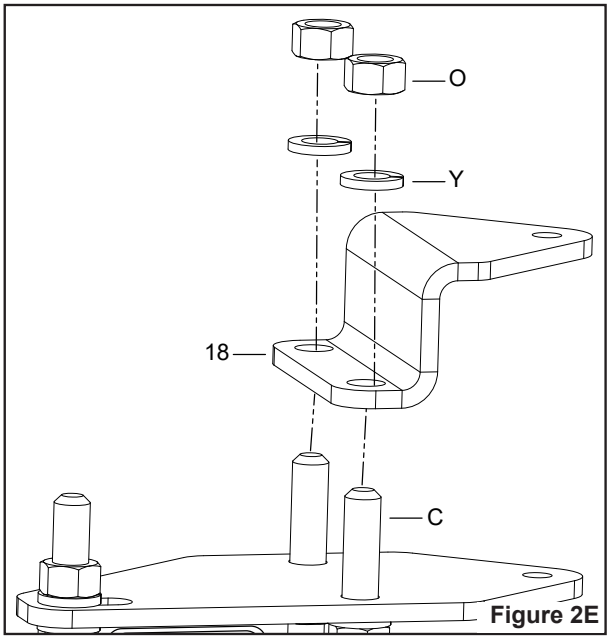


Figure 2E

STEP 2F: (SEE FIGURE 2F)

- On the right side install an upper plate (18) onto the front carriage bolts (C) as shown below.
- Install a lock washers (Y) onto each carriage bolt (C).
- Thread a hex nut (O) onto each carriage bolt (C) only 2-3 turns.

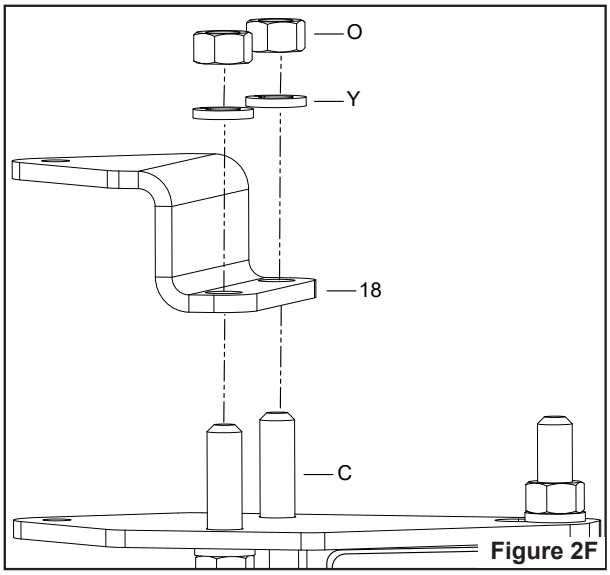


Figure 2F

STEP 2G: (SEE FIGURE 2G)

- Place the hitch mount assembly (4) / slider tubes (11) in between the middle plate (19) and the upper plate (18). Make sure the hitch is facing away from mower.
- Center the hitch mount assembly (4) onto the front frame as close as possible.

Note: In figure mower frame is not shown for clarity.

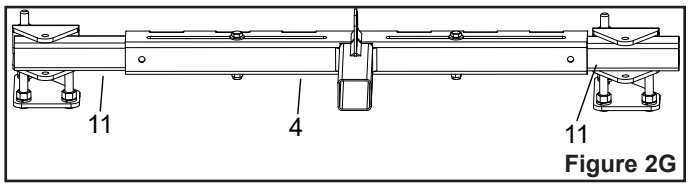


Figure 2G

STEP 2H: (SEE FIGURE 2H)

- On the left side make sure the slider tube (11) is up against the inside of the upper plate (18).
- Install a hex bolt (E) through the upper plate (18) and the middle plate (19).
- Install hex nut (P); do not fully tighten.
- Repeat on the right side.

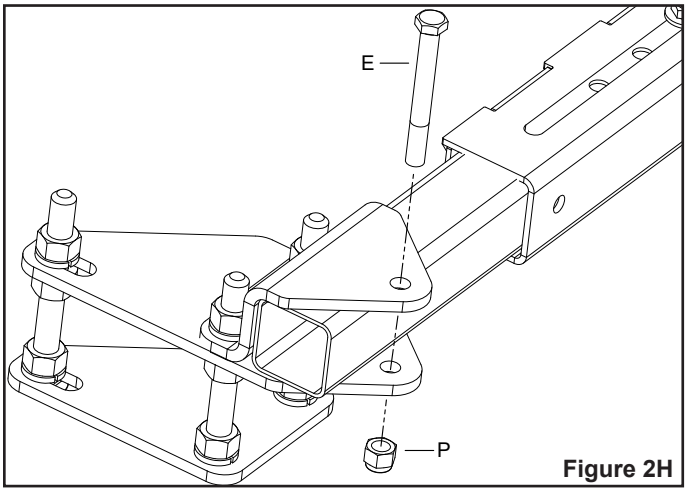


Figure 2H

STEP 2I: (SEE FIGURE 2I)

Following steps are for the left side.

- Slide the plate assembly toward the front frame, ensuring the two bolts are positioned as close to the front frame as possible.
- Tighten hex nut (O1 and O2) up against the lock washer; but do not compress the lock washer.
- Tighten hex nut (O3) up against the lock washer; but do not compress the lock washer.
- Push down on the middle plate so it rests on the O3 hex nut and lock washer to verify it is level. Adjust as needed.
- Hand tighten the O4, O5, and O6 hex nuts.

Note: Tighten the hardware only until snug; overtightening may bend the plates.

- Tighten O4 hex nut with a 3/4" wrench or deep socket.
- Tighten O5 and O6 hex nuts with a 3/4" wrench or deep socket.
- Verify the plate assembly is tight on the front frame.
- Tighten the O1 and O2 hex nuts until the lock washers are fully compressed.
- Tighten the O3 hex nuts until the lock washers are fully compressed.
- Repeat steps on right side.

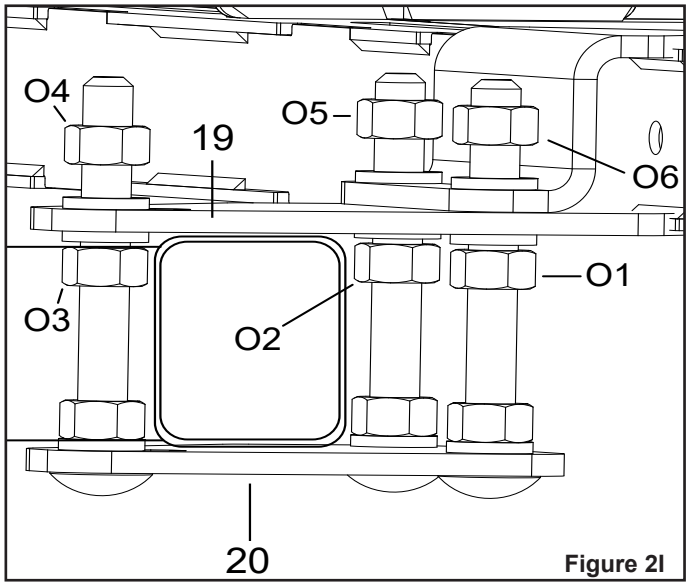


Figure 2I

Note: Image shown above depicts the left-side view with no.small spacers (W).

- Scan the QR code to watch Step 2I.

STEP 2J: (SEE FIGURE 2J)

- Tighten the hardware from Step 2H.

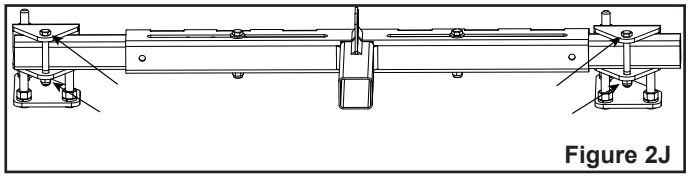


Figure 2J

ASSEMBLY INSTRUCTIONS

Note: All directions (front, rear, left, right) are defined from the perspective of looking at the mowers front frame.

ASSEMBLE THE HITCH MOUNT ASSEMBLY (FIGURE C)

STEP 3A: (SEE FIGURE 3A)

- Position the hitch mount assembly (4) with the receiver hitch facing towards you.
- Insert a slider tube (11) with the holes facing outwards all the way into each side of the hitch mount assembly (4).

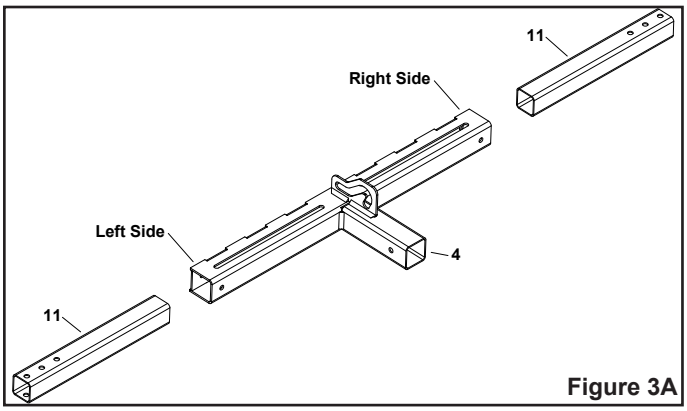


Figure 3A

STEP 3B: (SEE FIGURE 3B)

- Place a carriage bolt (C) through each hole on the lower plate (20)
- Install a lock washer (Y) and a hex nut (O) onto each carriage bolt (C). Tighten the hex nuts (O).
- Thread hex nut (O) onto carriage bolt (C) until it is approximately 1-3/8 inches from the previously installed hex nut (O). Install a lock washer (Y). Repeat on other two carriage bolts (C).
- Repeat on the other lower plate (20).

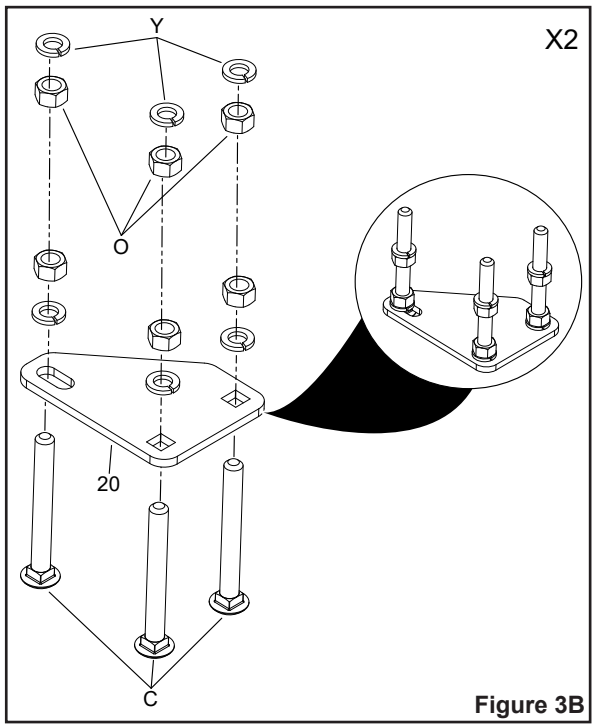


Figure 3B

STEP 3C: (SEE FIGURE 3C)

- Place the lower plate (20) on the bottom of the front frame routing the carriage bolts (C) through the middle plate (19). (Slotted end is facing towards the mower)
- Secure the carriage bolt (C) through the slotted hole with a lock washer (Y) and a hex nut (O). Do not fully tighten.
- Do not secure the front two carriage bolts (C).
- Repeat on right side.

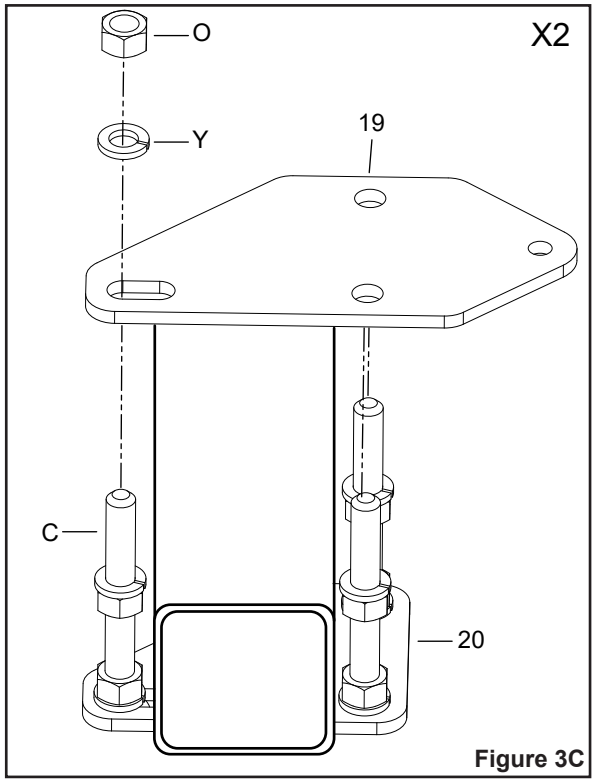


Figure 3C

STEP 3D: (SEE FIGURE 3D)

- On the right side install a small spacer (W) onto each front carriage bolts (C).
- Install a upper plate (18) onto the front carriage bolts (C) and small spacers (W) as shown below.
- Install a lock washers (Y) onto each carriage bolt (C).
- Thread a hex nuts (O) onto each carriage bolt (C) only 2-3 turns.
- Repeat on the left side

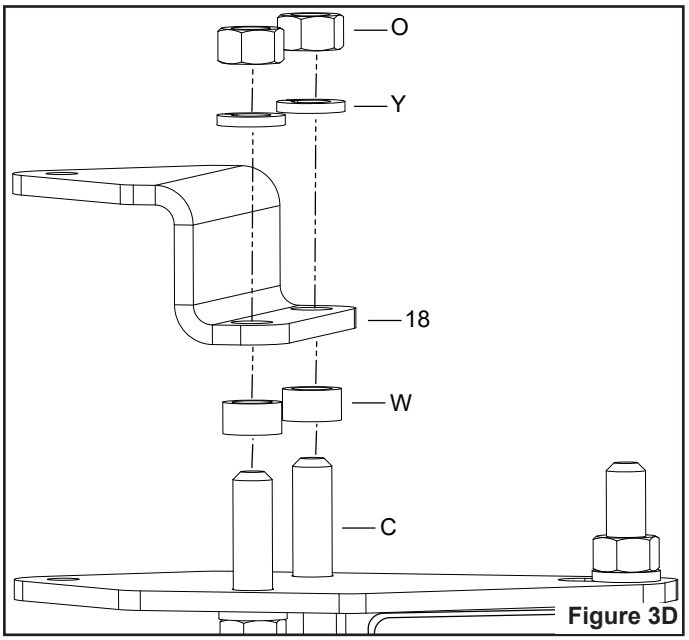


Figure 3D

STEP 3E: (SEE FIGURE 3E)

- Place the hitch mount assembly (4) in between the middle plate (19) and the upper plate (18) on both sides Make sure the hitch is facing away from mower.
- Center the hitch mount assembly (4) onto the front frame as close as possible.

Note: In figure mower frame is not shown for clarity.

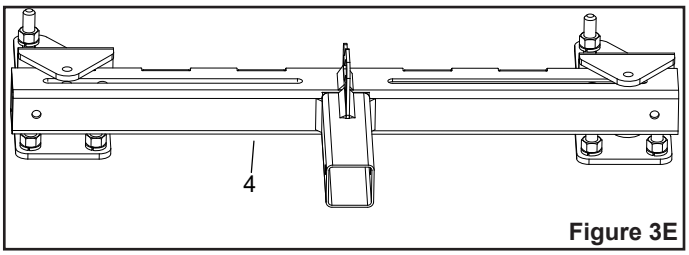


Figure 3E

STEP 3F: (SEE FIGURE 3F)

- On the right side you may need to adjust the slider tube (11) to allow a hole on the slide tube (11) to line up with the upper plates (18) forward hole.
- After it is aligned install a hex bolt (E) through the upper plate (18), slider tube (11), and the middle plate (19).
- Install hex nut (P); do not fully tighten.
- Repeat on the left side.

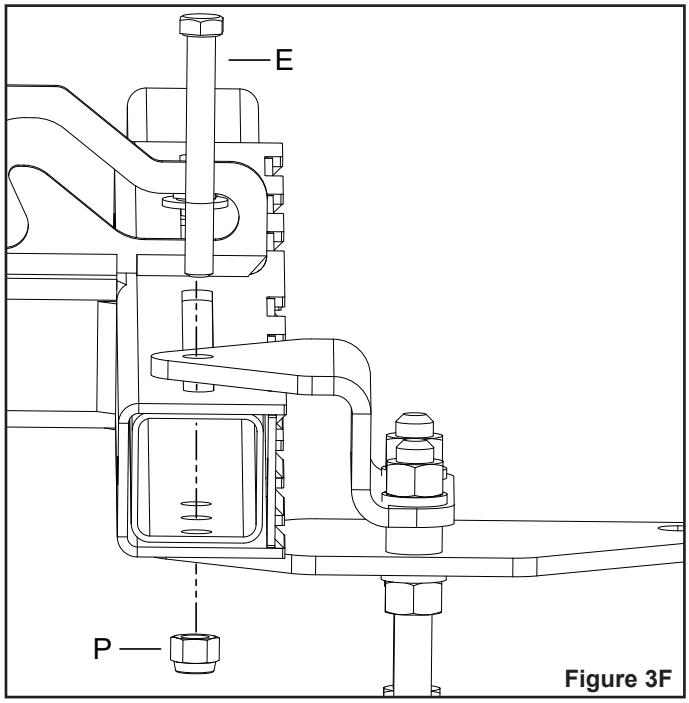


Figure 3F

STEP 3G: (SEE FIGURE 3G)

Following steps are for the left side.

- Slide the plate assembly toward the front frame, ensuring the two bolts are positioned as close to the front frame as possible.
- Tighten hex nut (O1 and O2) up against the lock washer; but do not compress the lock washer.
- Tighten hex nut (O3) up against the lock washer; but do not compress the lock washer.
- Push down on the middle plate so it rests on the O3 hex nut and lock washer to verify it is level. Adjust as needed.
- Hand tighten the O4, O5, and O6 hex nuts.

Note: Tighten the hardware only until snug; overtightening may bend the plates.

- Tighten O4 hex nut with a 3/4" wrench or deep socket.
- Tighten O5 and O6 hex nuts with a 3/4" wrench or deep socket.
- Verify the plate assembly is tight on the front frame.
- Tighten the O1 and O2 hex nuts until the lock washers are fully compressed.
- Tighten the O3 hex nuts until the lock washers are fully compressed.
- Repeat steps on right side.

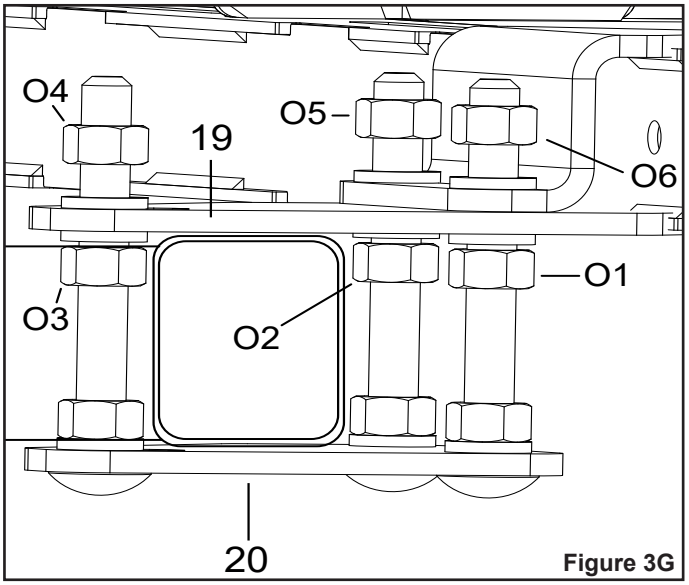


Figure 3G

Note: Image shown above depicts the left-side view with no.small spacers (W).

- Scan the QR code to watch Step 3G.

STEP 3H: (SEE FIGURE 3H)

- Tighten the hardware from Step 3F.

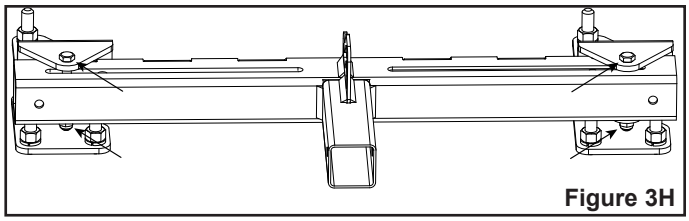


Figure 3H

ASSEMBLE THE BLADE MOUNT ASSEMBLY

STEP 4: (SEE FIGURE 4)

- Attach the brace tubes (12) to both sides of the blade mount assembly (3) using two hex bolts (D) and two hex nuts (P). Do not fully tighten hardware.

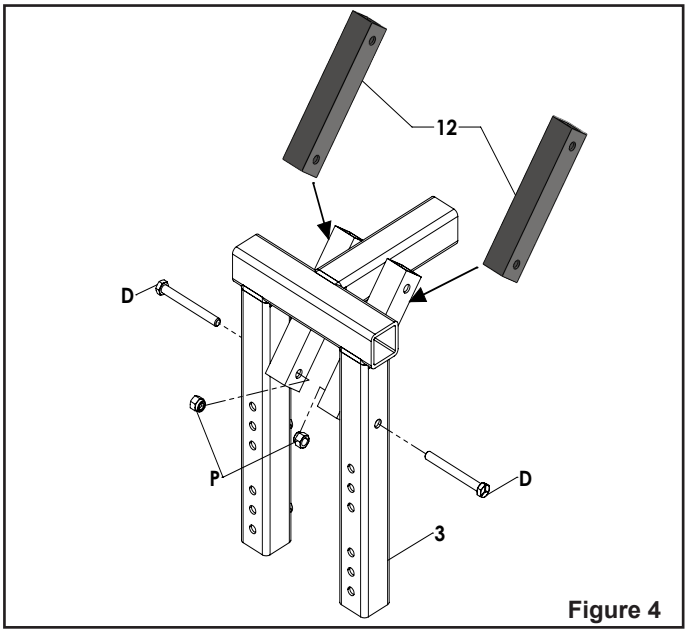


Figure 4

CONNECT THE BLADE MOUNT ASSEMBLY TO THE HITCH MOUNT ASSEMBLY

STEP 5: (SEE FIGURE 5)

- Slide the tube of the blade mount assembly (3) into the tube of the hitch mount assembly (4) and secure using a hex bolt (B) and a hex nut (P). Tighten hardware.
- Tighten hardware from Step 3.

Note: Ensure that the hex bolt (B) travels through both of the brace tubes (12).

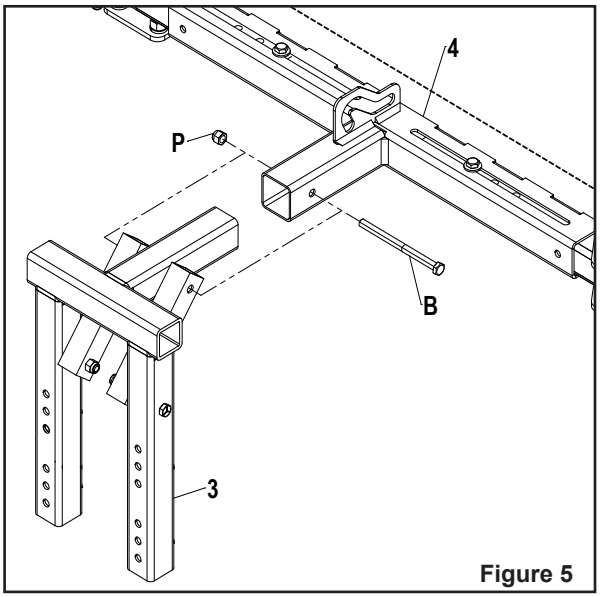


Figure 5

ATTACH THE PIVOT SUPPORT BRACKET ASSEMBLY

STEP 6: (SEE FIGURE 6)

- Attach the pivot support bracket assembly (8) and the plate brace (9) to the blade mount assembly (3) using four hex bolts (G) and four hex nuts (P). Tighten hardware.

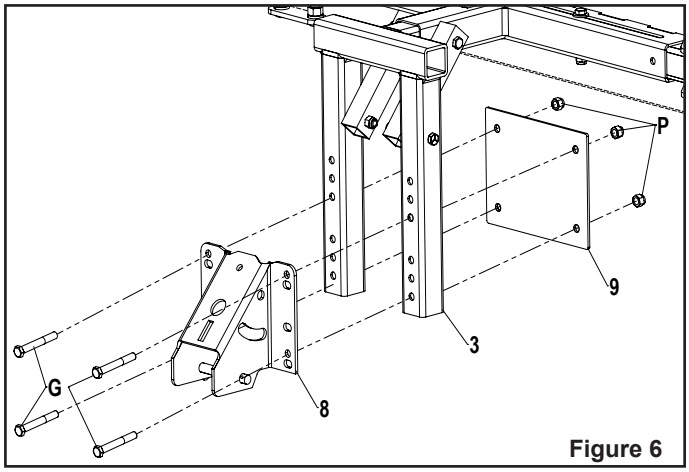


Figure 6

INSTALLING THE CONTROL CABLE TO CHANNEL

STEP 7: (SEE FIGURE 7)

- Install one 5/16" jam nut (MM) approximately 3/4" on to the threaded end of the control cable (16) that has no rubber cap or preassembled nuts. Then loosely install another 5/16" jam nut (MM).
- Insert the ball end of the control cable (16) into the bottom of the clevis lanyard fitting (CC) and place the cable into the groove as shown.

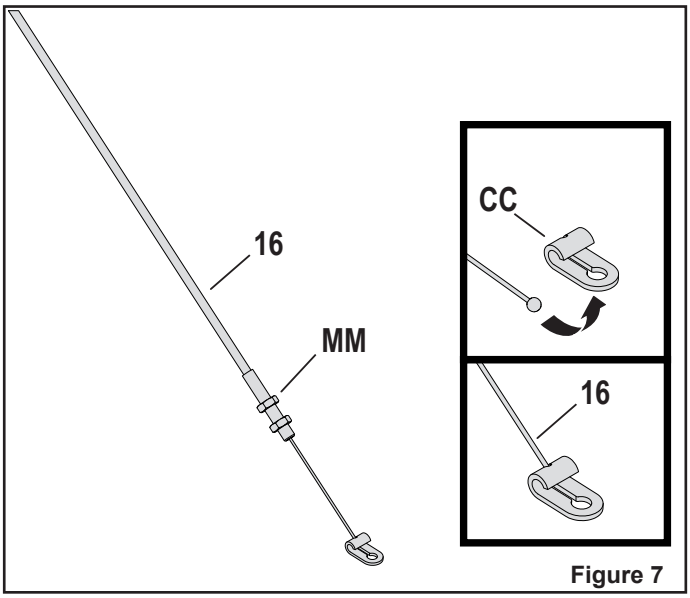


Figure 7

STEP 8: (SEE FIGURE 8)

- Install hex bolt (L) through a clevis lanyard fitting (CC), spacer (V), and the channel (2). Secure with a nylock nut (S).
- Tighten hardware. Make sure the clevis lanyard fitting is facing as shown below.

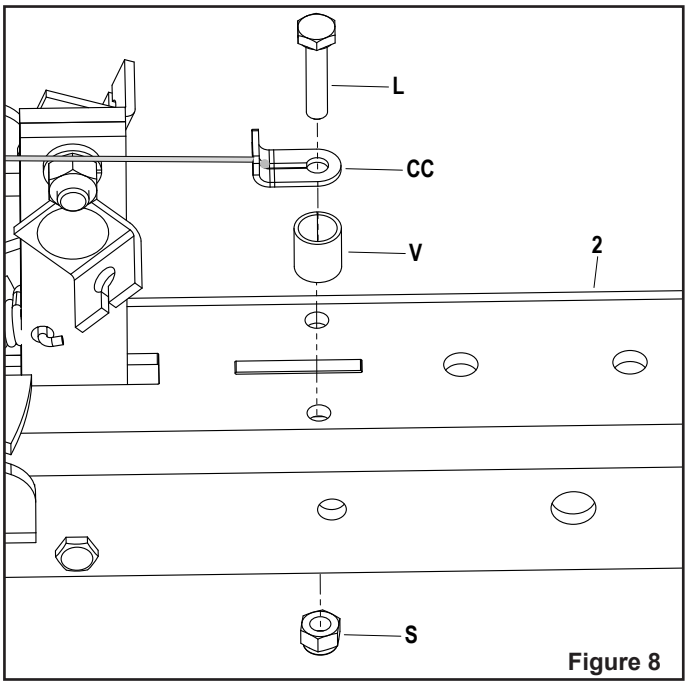


Figure 8

STEP 9: (SEE FIGURE 9)

- Loosen the jam nut (MM) so it sits onto the thin cable the arrow is pointing to below.
- Guide the thin cable into the cable mount bracket and then slide the cable threads down into the bracket.
- Tighten the lower jam nut (MM).
- Make sure the cable is tight then tighen/adjust the jam nuts (MM) as needed.

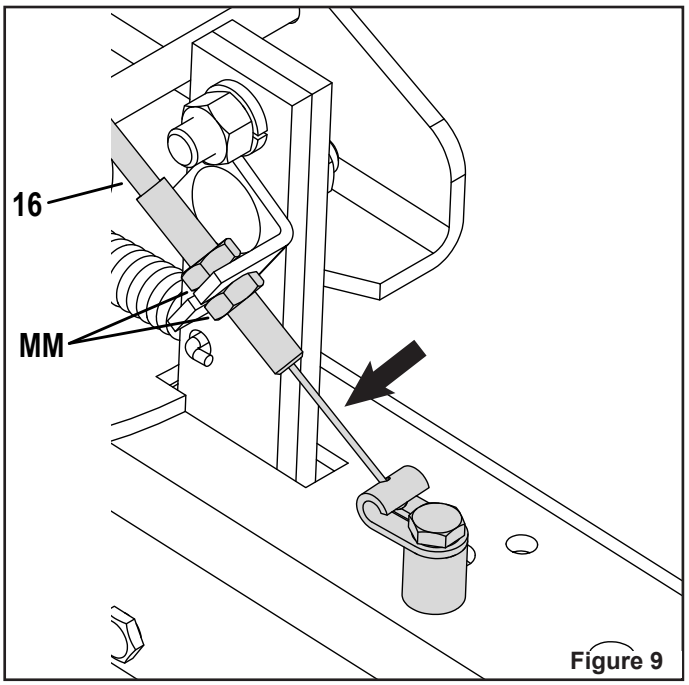


Figure 9

ASSEMBLE THE LATCH TO CHANNEL SUB

STEP 10: (SEE FIGURE 10)

- Flip over the channel sub assembly (2).
- Install the hex bolt (F) through the channel (2) and then through the following: washer (BB), spacer (U), washer (Z), latch (II) (use hole that has arrow pointed to it), washer (Z), spacer (U), washer (BB), and channel (2). Secure with a nylock nut (S).
- Tighten hardware but make sure the lever can still move freely.

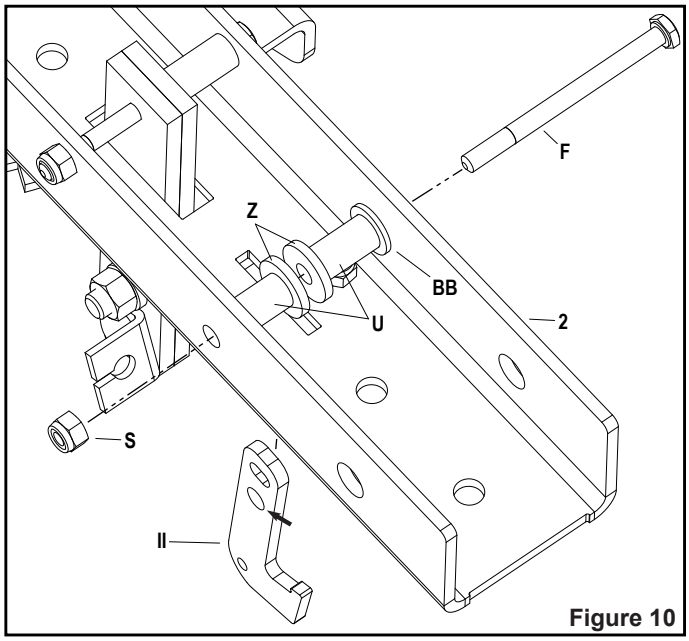


Figure 10

STEP 11: (SEE FIGURE 11)

- Install the small hook end of the extension spring (JJ) into the hole on the latch (II).
- Hook the spring puller (NN) onto the unhooked end of the extension spring (JJ) and pull till the spring is around the bolt shaft.

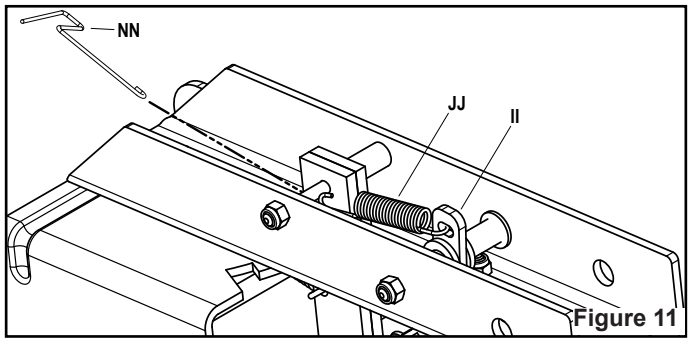


Figure 11

ASSEMBLE THE SWIVEL TUBE ASSEMBLY

STEP 12: (SEE FIGURE 12)

- Join the swivel tube (15), bracket (13) as shown in the figure using four hex bolts (M) and four hex nuts (R).

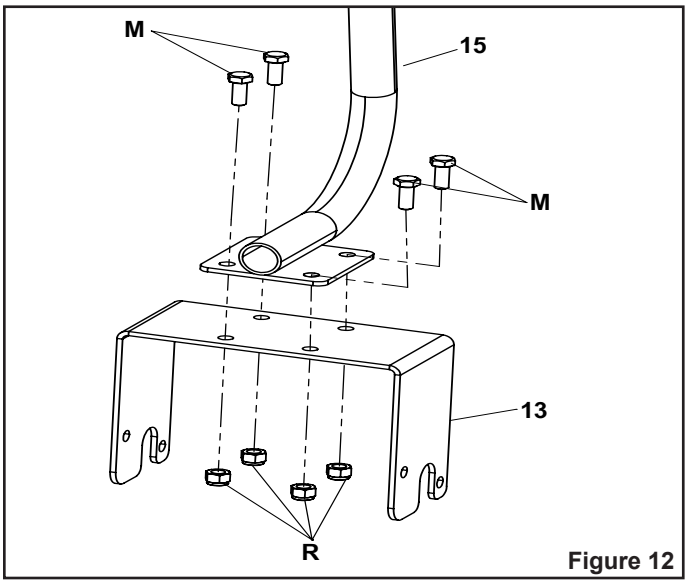


Figure 12

STEP 13: (SEE FIGURE 13)

Note: Control cable not shown in image.

- Slide the swivel tube assembly from step (10) onto the channel sub assembly (2) and tighten it by inserting four hex bolts (M) and four from hex nuts (R).
- Control cable will route between the swivel tube assembly and the channel sub assembly (2).

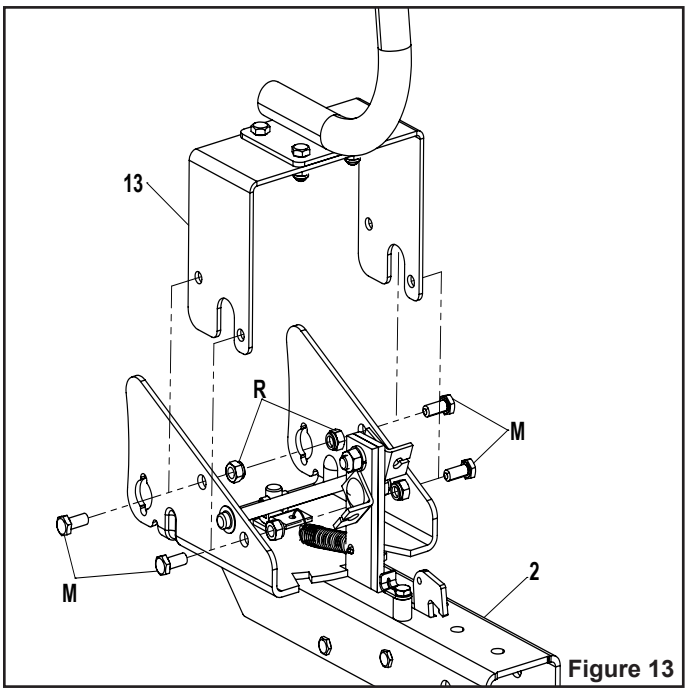


Figure 13

ASSEMBLE THE BLADE ASSEMBLY

STEP 14: (SEE FIGURE 14)

- Center the channel sub assembly (2) between the tabs on the back of the blade assembly (1).
- Slide the pivot shaft (Q) through the holes in the tabs and the holes in the channel sub assembly (2).
- Secure the pivot shaft (Q) on both ends using a cotter pins (EE) by bending the ends.

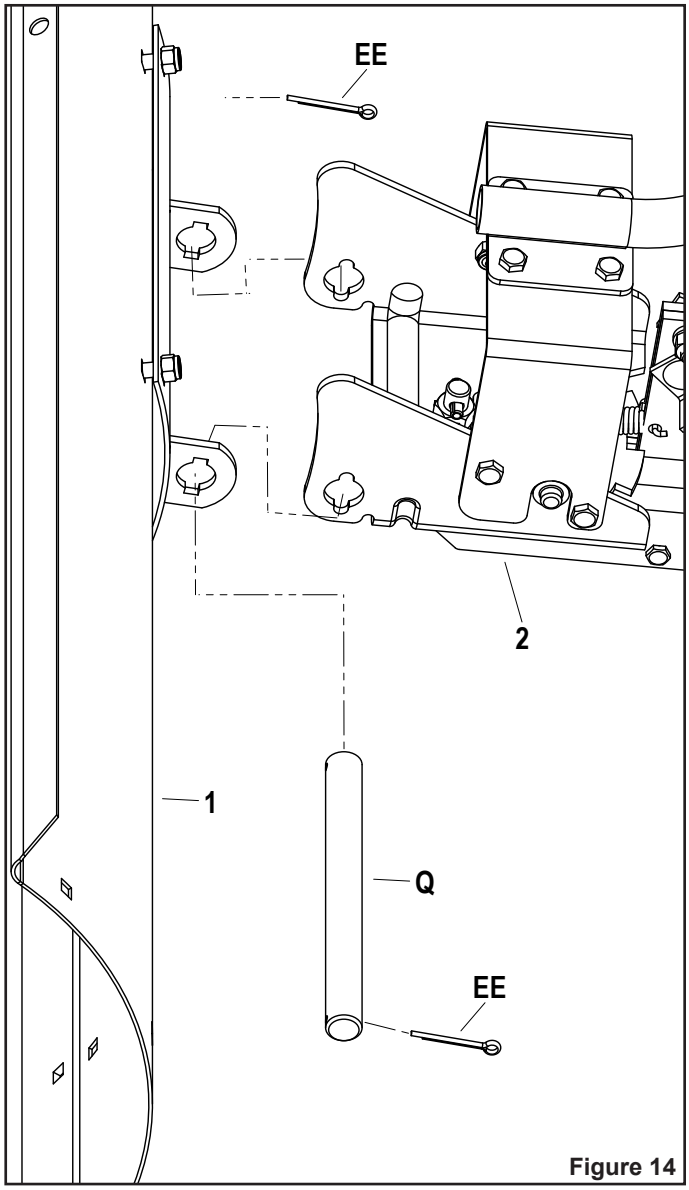


Figure 14

STEP 15: (SEE FIGURE 15)

- Insert a hex bolt (D) all the way through the trip spring (LL) and place a hex nut (T) one inch (1") onto the hex bolt as shown.
- Place the hook end of the trip spring (LL) around the rod of the channel sub assembly (2) with the hook opening facing the blade assembly (1).
- Insert the bolt end of the trip spring (LL) into the hole at the center of the blade assembly (1) and tighten the hex nut (T); then secure with another hex nut (T) and tighten.
- Place the vinyl cap (DD) on the end of the hex bolt (D).

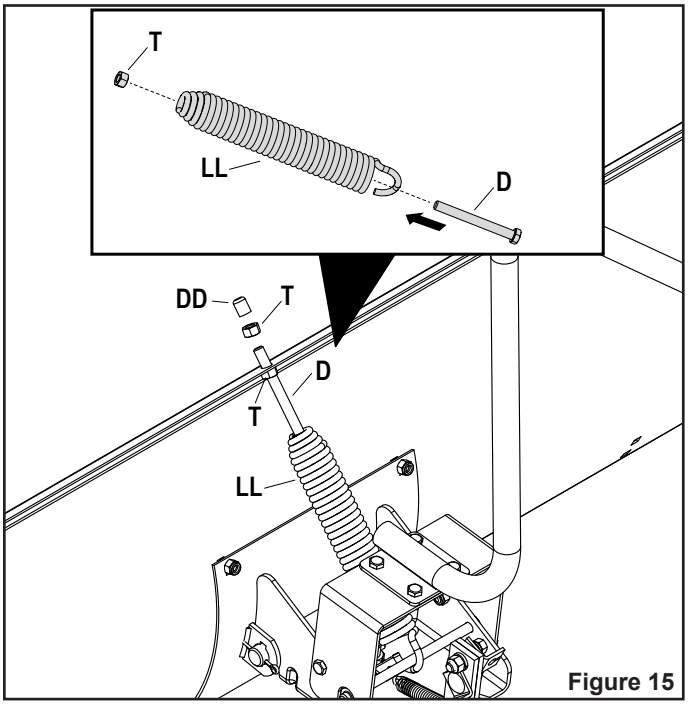


Figure 15

ASSEMBLE THE SUB CHANNEL TO PIVOT SUPPORT

STEP 16: (SEE FIGURE 16)

- Insert the sub channel assembly into the Pivot support bracket, secure the assembly with pin (A), washer (X), and clevis pin (FF).

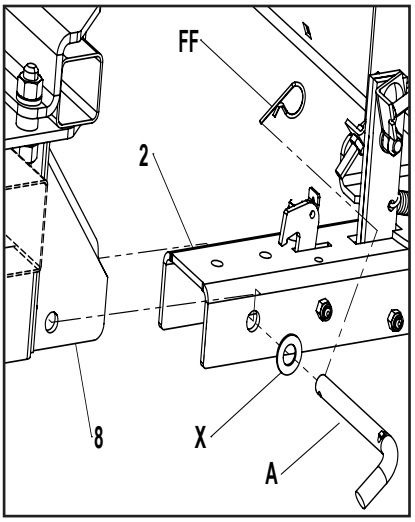


Figure 16

ASSEMBLE THE HANDLE ASSEMBLY

STEP 17: (SEE FIGURE 17)

- Install the lever (17) onto the lift handle tube (5) and secure it with a bolt (I), washer (Z), and nut (R).
- Insert the ball end of the control cable (16) (other end previously installed) into the bottom of the clevis lanyard fitting (CC) and place the cable into the groove as shown.
- Using a bolt (N) attach the clevis lanyard fitting (CC) to the lever and secure using nylock nut (S).
- Insert the control cable (16) into the tab on the lift handle tube (5). Tighten both jam nuts.
- Attach the tirgger & lift cable assy (6) to the lift handle tube (5) with a screw (K). Tighten hardware.

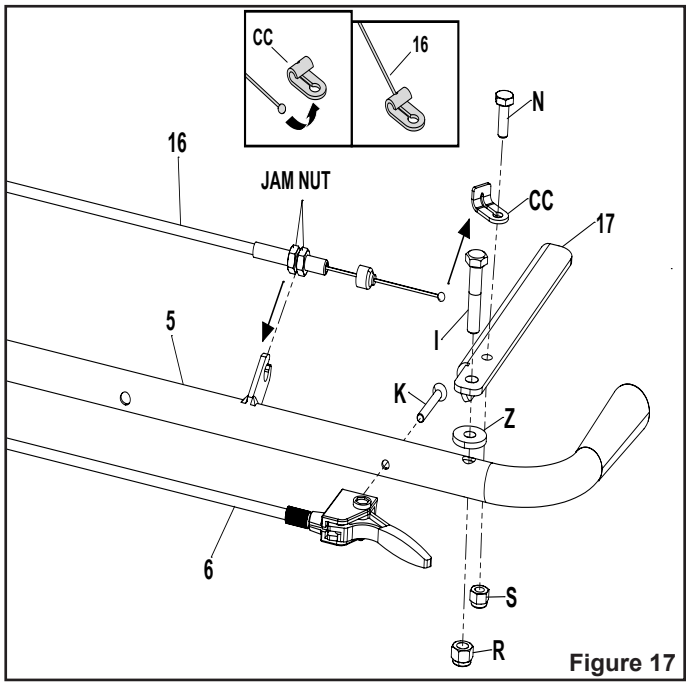


Figure 17

STEP 18: (SEE FIGURE 18)

- Insert the handle assembly from (Step-17) into the swivel tube (15) and install bolt (J) and nut (S). Tighten hardware.

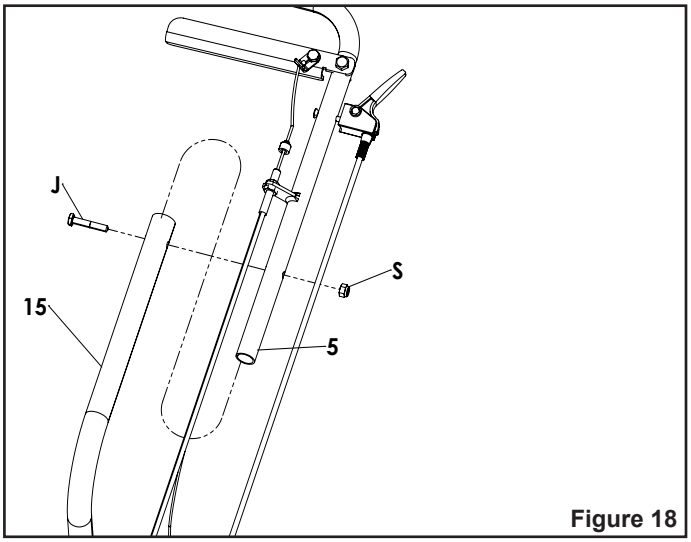


Figure 18

ATTACHING THE LIFT CABLE TO THE CHANNEL

STEP 19: (SEE FIGURE 19)

- Loosen the jam nut (MM) so it sits onto the thin cable.
- Guide the thin cable into the cable mount bracket and then slide the cable threads down into the bracket.
- Do not tighten the jam nuts (MM).

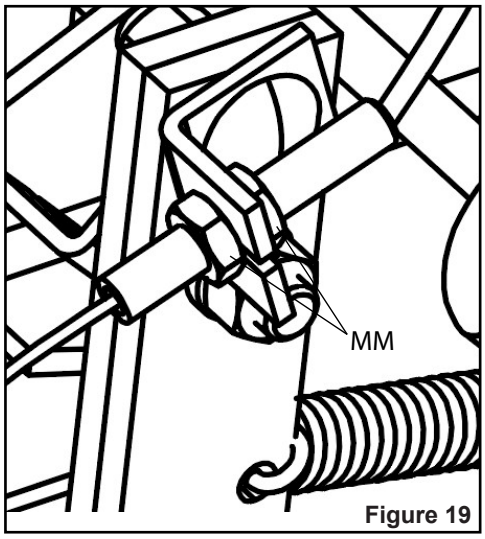


Figure 19

STEP 20: (SEE FIGURE 20)

- Insert the cable fitting on the tirgger & lift cable assy (6) into the latch (II) as shown below.
- Tighten the jams nuts (MM) from step 19.

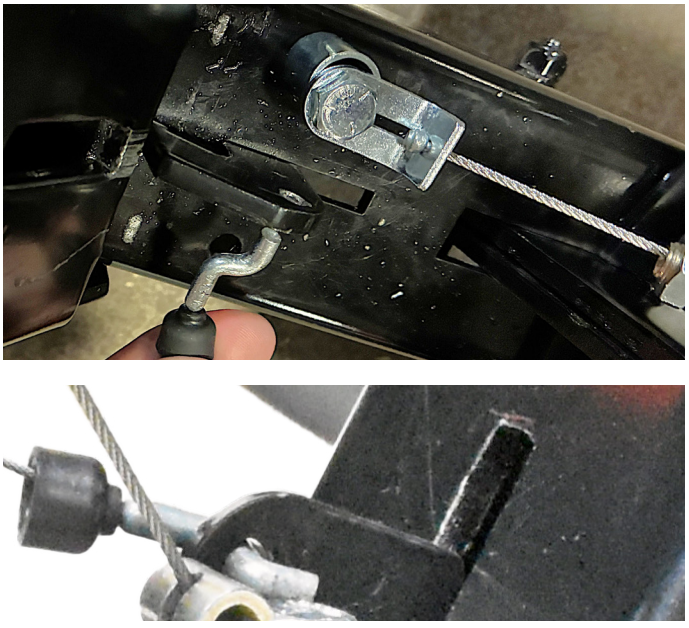


Figure 20

ATTACHING THE SKID SHOE

STEP 21: (SEE FIGURE 21)

- Place a skid shoe (7) against the back of the blade on one end of the blade assembly (1) and secure with two washers (AA), two carriage bolts (GG & HH), and two hex nuts (R). Do not fully tighten hardware.
- Repeat on the other end. Adjust as needed for height then tighten hardware for both.

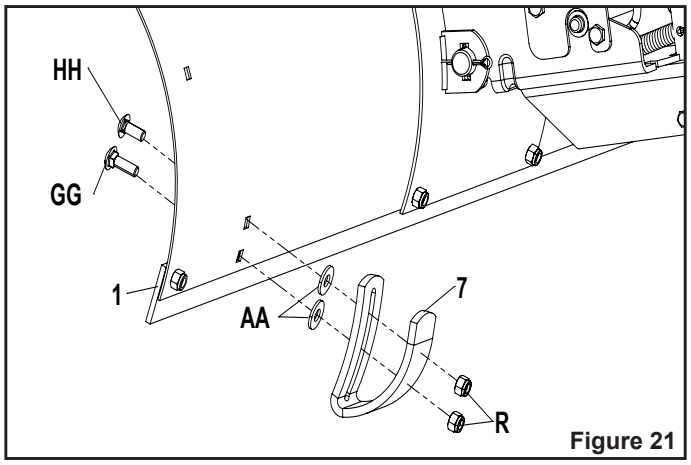


Figure 21

ATTACHING THE BLADE EXTENSION

STEP 22: (SEE FIGURE 22)

- Attach the wear plate (10) to the blade extension (14) using two carriage bolts (HH) and two hex nuts (R). Do not fully tighten hardware.
- Bottom carriage bolt on blade will need to be removed to complete next step.
- Attach the blade extension (14) to one end of the blade assembly (1) using three carriage bolts (HH) and three hex nuts (R) starting with the bottom hole and working up. Tighten all hardware.
- Repeat on the other end.

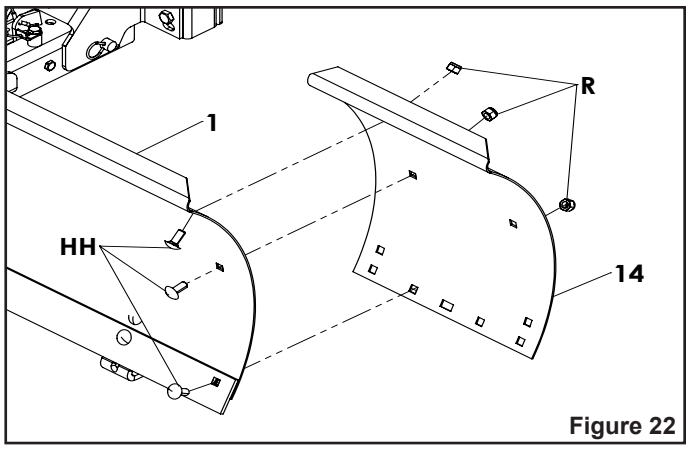


Figure 22

OPERATION

Read this owner's manual and safety rules before operating your snow blade. Compare the illustration below with your snow blade to familiarize yourself with the various controls and their locations.

PARTS EXPLANATION (FIGURE 23)

- **Pivot Latch Cable Assembly:** Controls the linear motion of the snowblade up and down.
- **Up-Down Latch Release Cable Assembly:** Unlocks the blade to swivel left and right.
- **Lift Handle Tube:** Raises or lowers the blade and pivots blade to the right and left.
- **Blade Pivot Rod:** Connects the Blade to the Handle Tube. Pivots blade to the right and left.
- **Angle Latch:** Locks the Blade in either the right hand, left hand, or straight ahead position.
- **Up-Down Latch:** Locks the linear motion of the snowblade and can be used to hold the snowblade in the upward position.
- **Blade Adjust Screw:** Holds the Blade in position, but permits it to pivot forward in order to pass over an obstruction.
- **Blade Shoe:** Ground-contacting part of the Blade. Adjusts for adequate ground clearance.
- **Blade Pivot Shaft:** Connects blade to channel assembly. Allows Blade to pivot forward.
- **Control Cable:** Connects the lock release lever to the angle lock bars.

CAUTION: Carefully inspect the area to be worked before operating the Snow Blade. Avoid pipes, roots, curbs, or other heavy obstructions.

CAUTION: Know the terrain. Avoid exceptionally steep slopes or drop-offs which may be hidden by the snow. Never run the Snow Blade into heavy material at high speed.

CAUTION: Always lower the blade to the ground before leaving the mower.

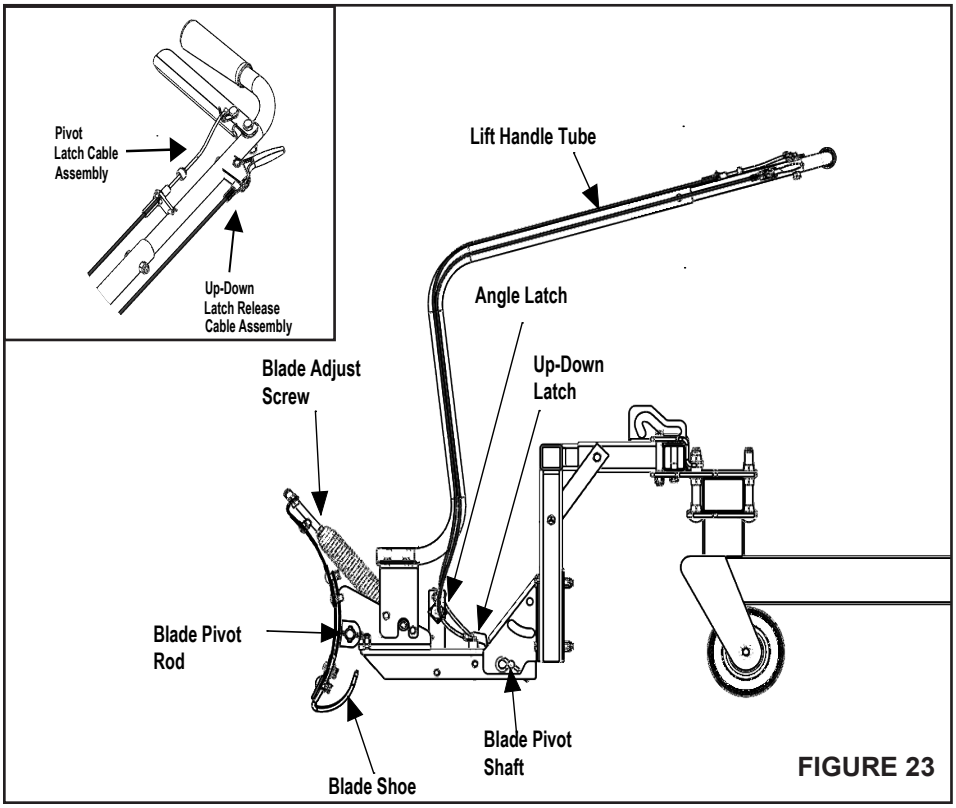


FIGURE 23

HOW TO USE YOUR SNOW BLADE

TO RAISE OR LOWER THE SNOW BLADE (FIGURE 24)

- Use the handle grip located at the end of the handle tube. To raise the blade, push the handle downward making sure the up/down latch has latched. To lower the blade, pull the handle downward and squeeze the handle on the Up-Down Latch Release Cable Assembly, refer figure 24.

TO ROTATE LEFT AND RIGHT THE SNOW BLADE

- Squees the lever (17) and then use the handle to rotate the snowblade for left or right movement. To rotate the snowblade to the right, push the handle to the right; to rotate it to the left, pull the handle to the left, refer figure 24.

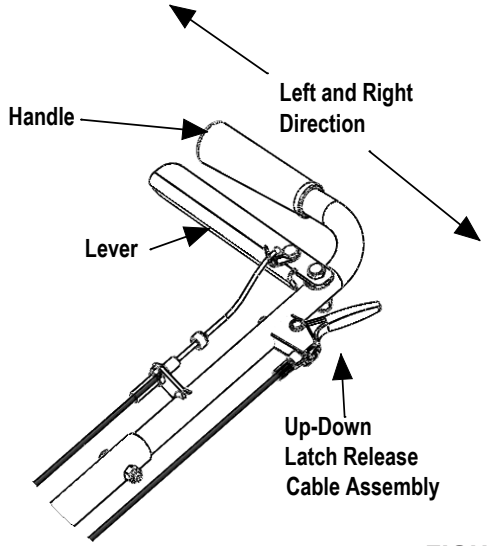


FIGURE 24

USING THE SNOW BLADE

- Prepare the lawn mower engine for cold weather using instructions furnished with the lawn mower.
- Always begin with the transmission in first (low) gear and gradually increase speed as required.
- To reduce icing on the blade, allow the lawn mower and blade to adjust to outdoor temperature before operating.
- For improved snow removal performance, coat the blade with automotive type paste wax.

NOTE: Do not repeatedly push snow in the same directions. This causes excessive build up with each successive pass.

MAINTENANCE

- **Check for Loose Fasteners:** During the operating season, check all Bolts, Nuts, and Hairpin Cotters to be sure they are secure.
- **Check for Worn or Damaged Parts:** During the operating season, clean the blade off after each use. Touch up any bare metal with paint or apply a light coat of grease or rust preventative.
- **Lubricate Blade (FIGURE 25):** Lubricate all Pivot points to help maintain proper operation of blade. Apply a light coating of oil to the straight upper portion of the Lift Handle Rod.

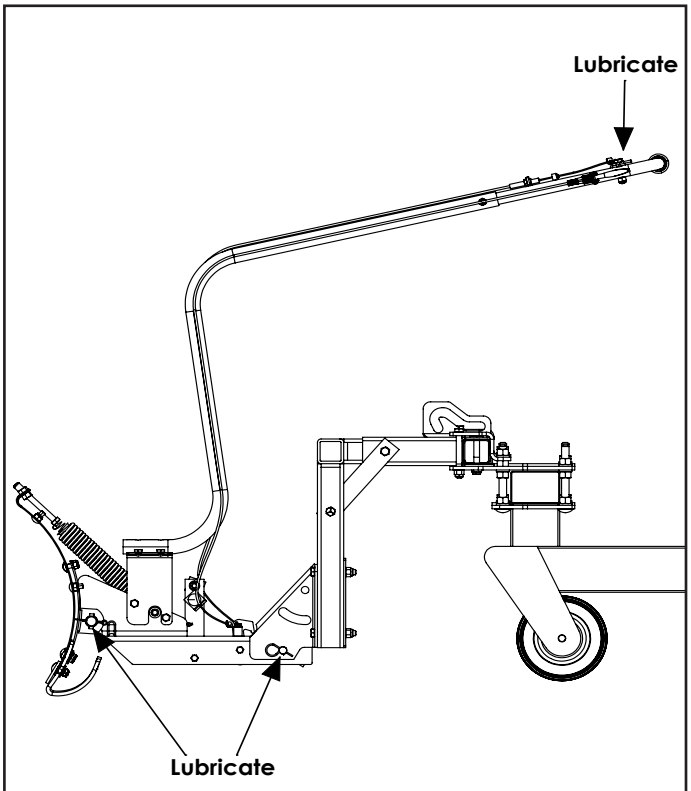


FIGURE 25

SERVICE AND ADJUSTMENTS

TO ADJUST BLADE SPRING

The tension of the Blade Adjust Spring may be altered to permit the Blade to tilt froward to bypass solid obstructions. To change the Spring Tension, adjust the Nuts at the upper end of the Spring Bolt. Standing in front of Blade, turn the nuts counterclockwise to relieve tension and clockwise to increase tension. Refer to Figure 15.

TO ADJUST SKID SHOES (FIGURE 26)

The Skid Shoes at the ends of the Blade may be raised for close work on smooth surfaces or lowered to raise the blade to work on rough or uneven areas. Make sure both shoes are set evenly and that the nuts are tightened securely.

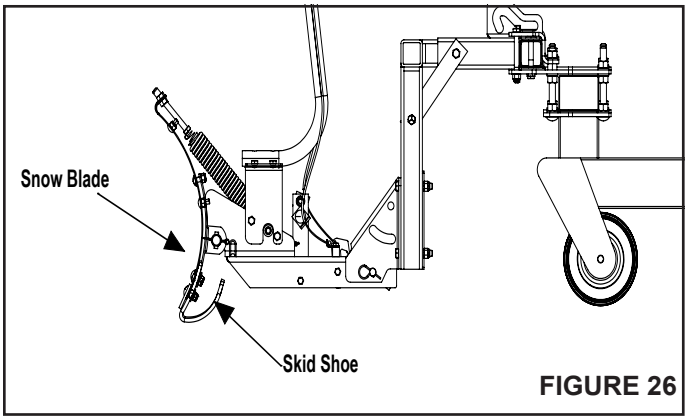


FIGURE 26

TO ADJUST THE BLADE ANGLE LATCH MECHANISM (FIGURE 27)

If the Blade will not unlock and pivot, the Angle Latch is not disengaging from the slots in the pivot plate. To correct, adjust the 5/16" hex jam nuts to draw the end of the Control Cable back towards the Cable Mount Bracket. The less the threaded end of the cable through the bracket, the more the Angle Latch can retract to disengage from the slots in the Pivot Plate.

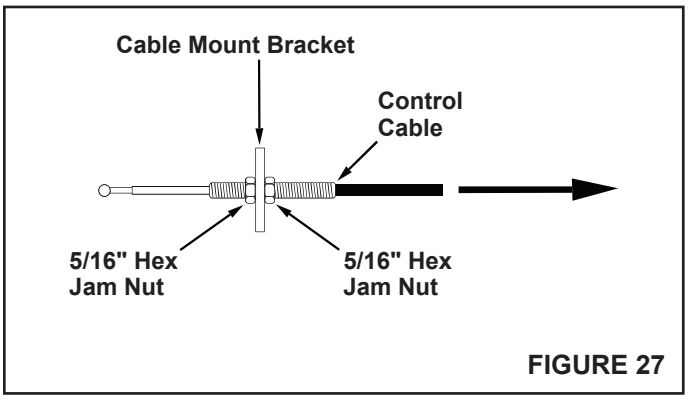


FIGURE 27

STORAGE

RECOMMENDATIONS WHEN STORING

- When the Snow Blade is not being used, remove all dirt and rust and touch up with paint.
- Touch up bare metal with paint or apply a light coat of grease or rust preventative.
- Lubricate all pivot points and all points shown in Figure 25 of the Maintenance section.
- Store in a dry area, protected from weather.

TO REMOVE BLADE FROM MOWER

- Lower the blade to the ground with the Blade in the center (Straight Ahead) position.
- Remove the 3/8" Nylock Nut (U) and 3/8" Hex Bolt (B) that secures the Blade Mount Assembly to the Hitch Mount Assembly .
- Slide the Blade Mount Assembly out of the Hitch Mount Assembly.

TROUBLESHOOTING

Problem	Cause	Correction
Blade is difficult to raise.	Lift Mechanism is binding.	Lubricate pivot points as shown in Figure 25
Blade is difficult to pivot.	Handle Tube is binding on Lift Rod.	Lubricate the Lift Handle Rod as shown in Figure 25.
Blade will not unlock to pivot.	Lock mechanism is out of adjustment and is not disengaging.	Refer to the Service and Adjustments section.

REPAIR PARTS
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