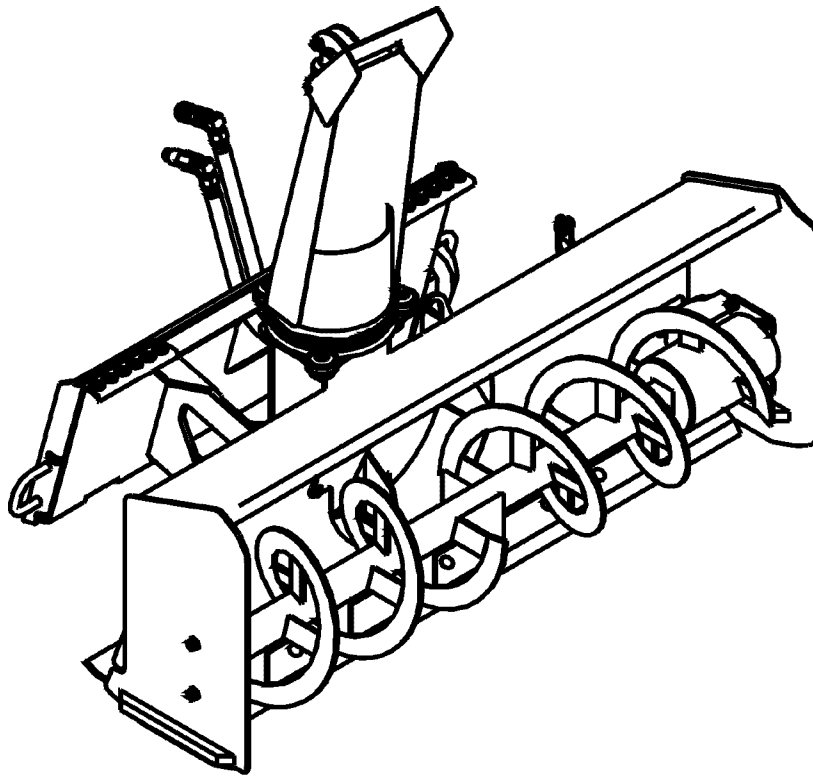




Bobcat®

Operation & Maintenance Manual



Dealer Copy -- Not for Resale

Snowblower

(SB200 x 54) S/N 713500101 & Above
(SB200 x 60) S/N 712700101 & Above
(SB200 x 66) S/N 712800101 & Above
(SB200 x 72) S/N 712900101 & Above
(SB200 x 78) S/N 713000101 & Above

(SB240 x 72) S/N 713100101 & Above
(SB240 x 84) S/N 713200101 & Above
(SBX240 x 72) S/N A00F00101 & Above
(SBX240 x 84) S/N 713600101 & Above



CONTENTS

FOREWORD	3
SAFETY AND TRAINING RESOURCES	11
OPERATING INSTRUCTIONS	19
PREVENTIVE MAINTENANCE	97
MACHINE SIGN TRANSLATIONS	105
SPECIFICATIONS	113
WARRANTY	121
ALPHABETICAL INDEX	125

REFERENCE INFORMATION

Write the correct information for YOUR Bobcat attachment in the spaces below. Always use these numbers when referring to your Bobcat attachment.

Attachment Serial Number _____

NOTES:

YOUR BOBCAT DEALER:

ADDRESS:

PHONE:



Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

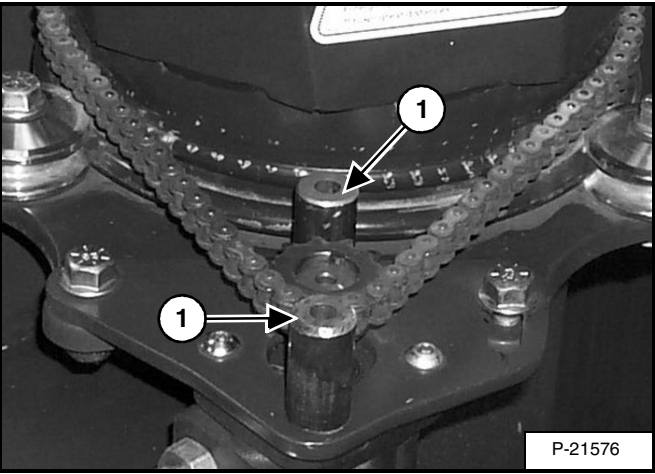
Doosan Bobcat EMEA s.r.o.
U Kodetky 1810
263 12 Dobris
CZECH REPUBLIC

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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

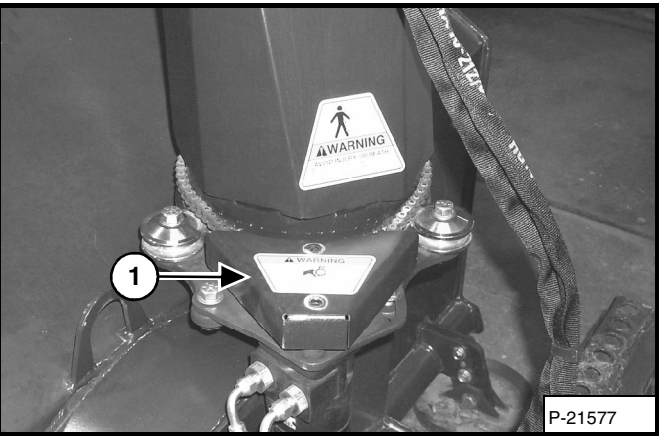
Figure 11



Place cover bushings (Item 1) [Figure 11] over the holes in the mounting plate.

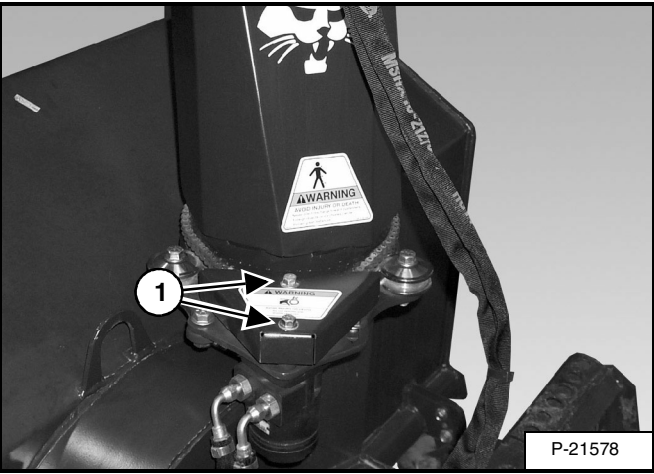
NOTE: Position cover bushings as far as possible from the sprocket.

Figure 12



Place cover (Item 1) [Figure 12] on cover bushings, align the holes of the cover and cover bushings.

Figure 13



Install bolts (Item 1) [Figure 13] tighten bolts to 34 - 35 N•m (25 - 28 ft-lb) torque.

**WARNING**

AVOID INJURY OR DEATH
Never operate with covers or guards removed.

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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

Truck Loading Chute Installation

IMPORTANT

When repairing hydrostatic and hydraulic systems, clean the work area before disassembly and keep all parts clean. Always use caps and plugs on hoses, tubelines and ports to keep dirt out. Dirt can quickly damage the system.

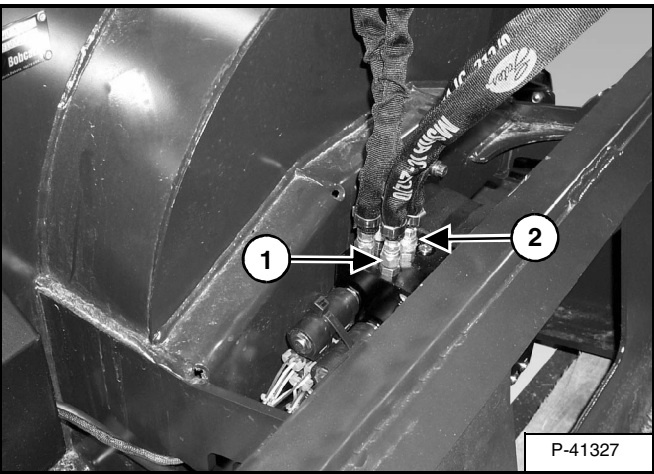
I-2003-0888

IMPORTANT

Contain and dispose of any oil leakage in an environmentally safe manner.

I-2066-0395

Figure 14



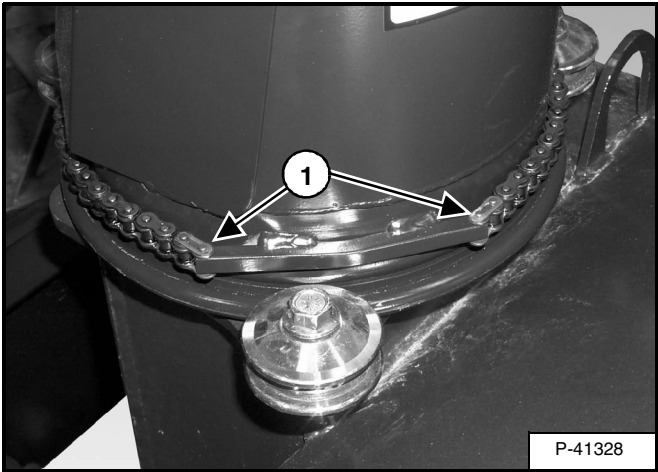
Remove hose (Item 1) [Figure 14] from the control valve.

NOTE: Item 1 [Figure 14] is connected to the rod end of the deflector cylinder.

Remove hose (Item 2) [Figure 14] from the control valve.

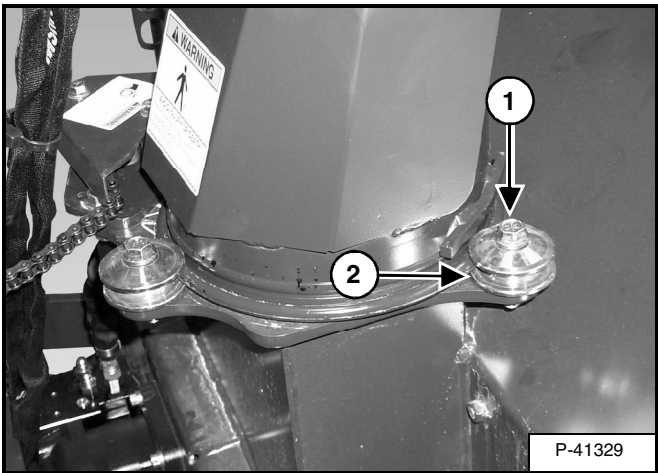
NOTE: Hose (Item 2) [Figure 14] is connected to the base end of the deflector cylinder.

Figure 15



Disconnect the chain (Item 1) [Figure 15] from the discharge chute.

Figure 16



Move the ends of the chain away from the discharge chute [Figure 16].

Remove the bolt (Item 1) then remove the roller (Item 2) [Figure 16].

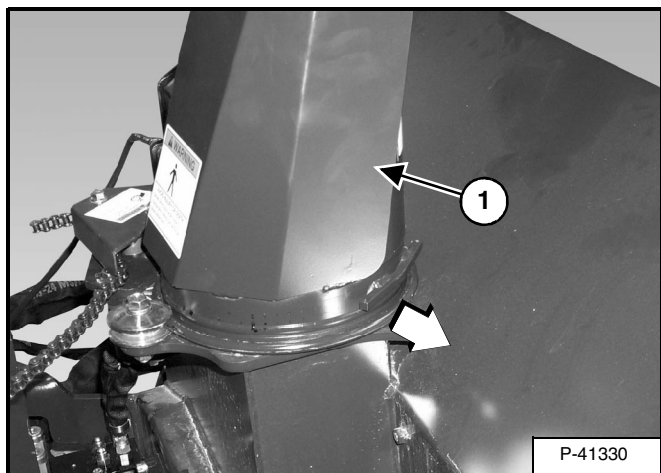
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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

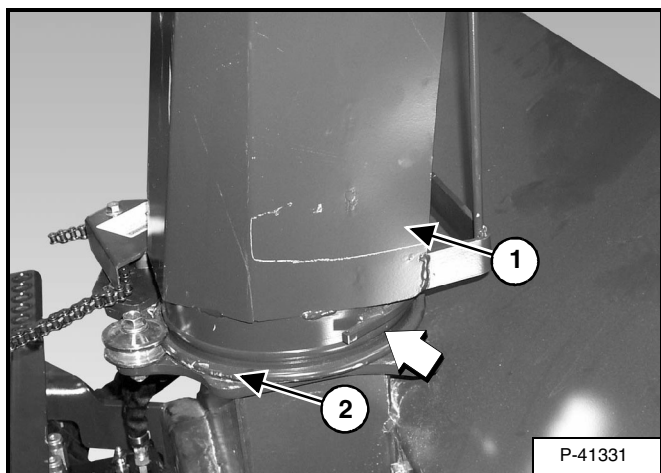
Truck Loading Chute Installation (Cont'd)

Figure 17



Remove the snowblower discharge chute (Item 1) [Figure 17].

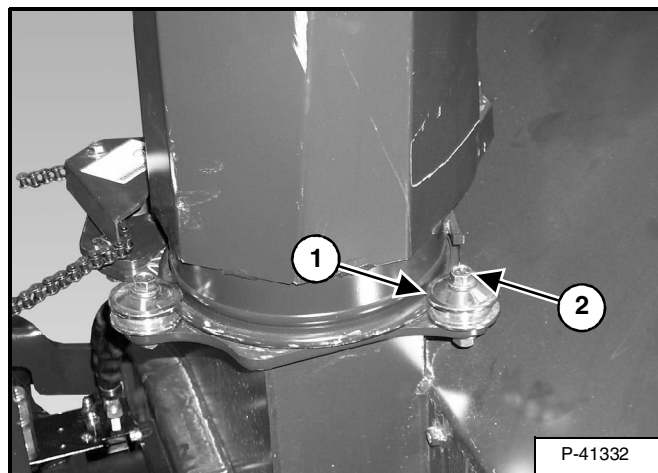
Figure 18



Install the snowblower truck loading bottom chute (Item 1) [Figure 18].

Slide the chute ring (Item 2) [Figure 18] into the rollers.

Figure 19

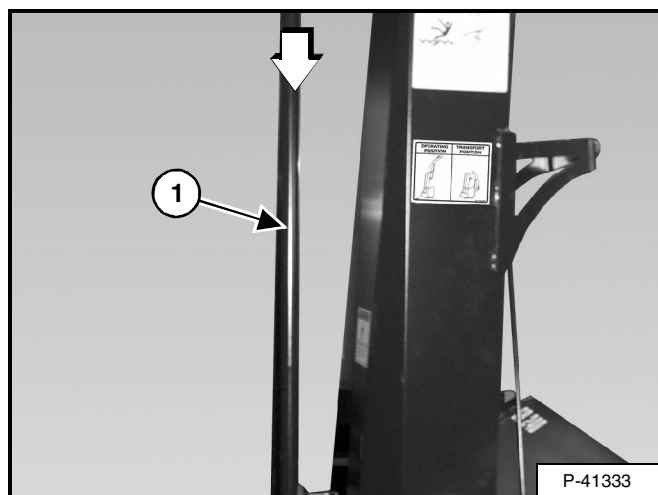


Install the roller (Item 1) and bolt (Item 2) [Figure 19] tighten bolt to 60 - 66 N•m (45 - 50 ft-lb) torque.

NOTE: Over tightening the roller bolts will damage the roller bushings.

Rotate the bottom chute by hand. The chute should move freely.

Figure 20



Install the support (Item 1) [Figure 20]. Slide the support over the pivot pin on the bottom chute and inside of the snowblower frame.

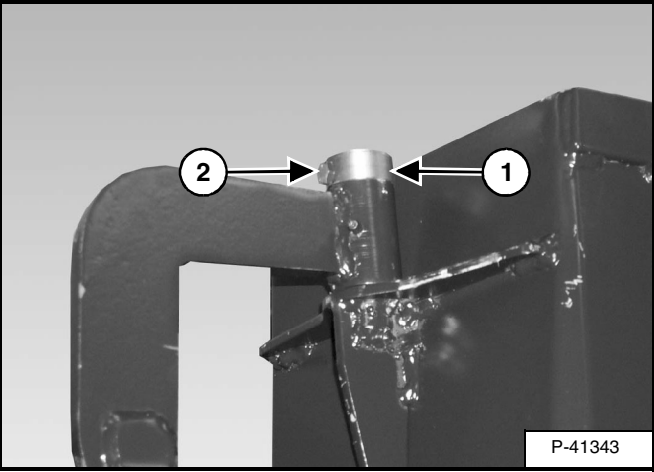
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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

Truck Loading Chute Installation (Cont'd)

Figure 21

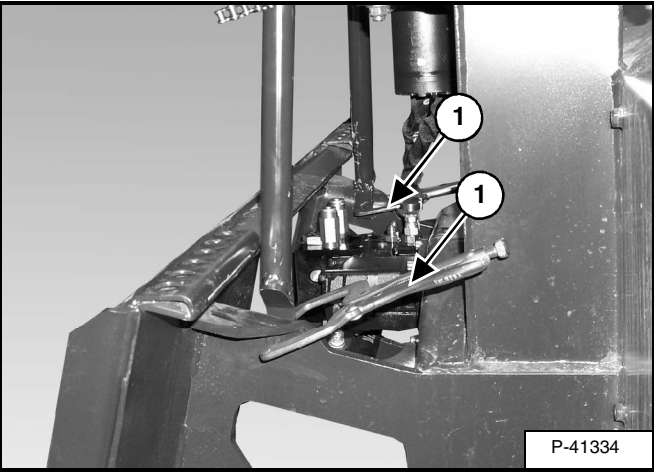


Install the collar (Item 1) on the snowblower truck loading bottom chute pivot pin, then install the retaining bolt (Item 2) [Figure 21].

Rotate the bottom chute by hand. The chute should move freely.

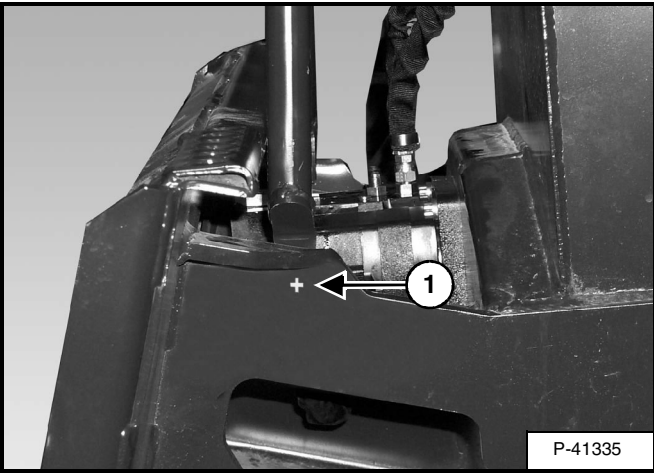
NOTE: The following steps are only required on units that do not have pre-drilled holes for truck loading chute supports.

Figure 22



Clamp (Item 1) [Figure 22] the support to the snowblower frame.

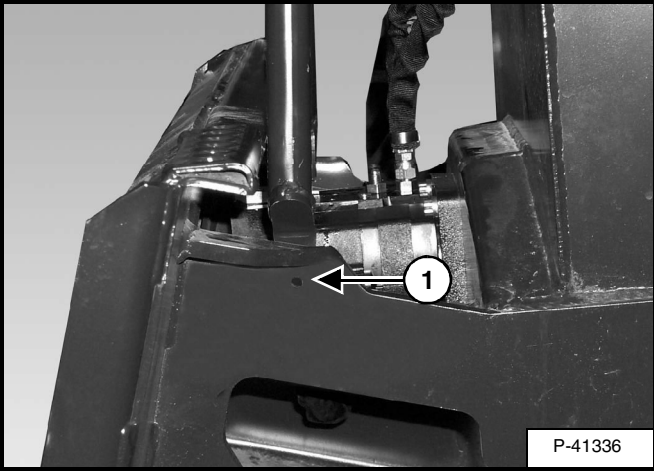
Figure 23



Place a mark (Item 1) [Figure 23] on the outside of the snowblower frame that lines up with the hole in the support bracket.

Repeat procedure on other side of the support.

Figure 24



Remove clamps and drill a 13,5 mm (0.531 in) hole (Item 1) [Figure 24] in the snowblower frame on both sides.

**WARNING**

AVOID INJURY OR DEATH
Wear safety goggles to prevent eye injury when drilling or grinding.

W-2108-1186

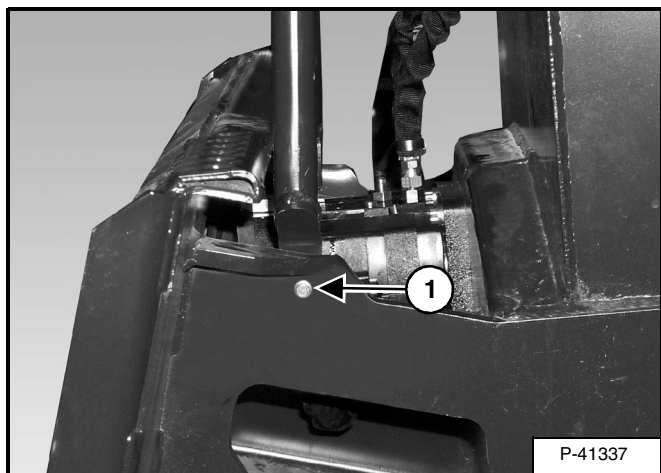
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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

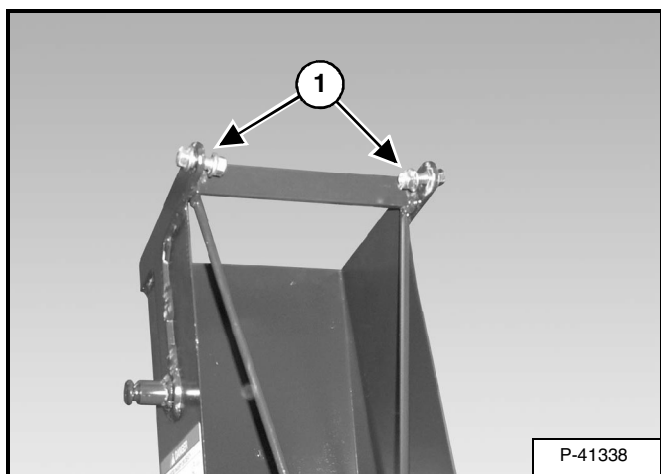
Truck Loading Chute Installation (Cont'd)

Figure 25



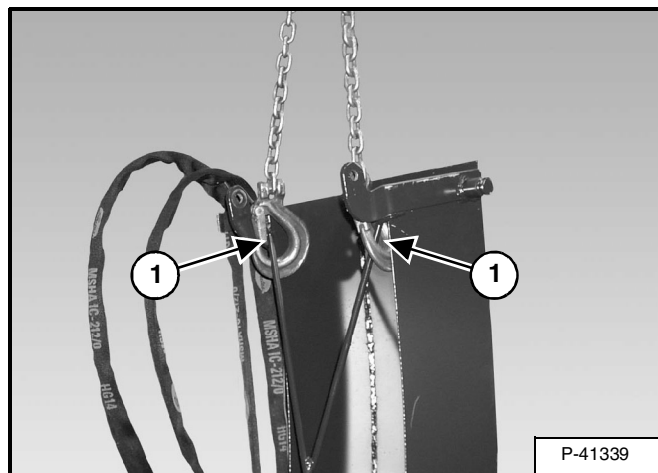
Install bolt(s) (Item 1) [Figure 25] on both sides. Tighten bolt(s) to 88 - 95 N•m (65 - 70 ft-lb) torque.

Figure 26



Remove bolts (Item 1) [Figure 26] from the snowblower truck loading bottom chute.

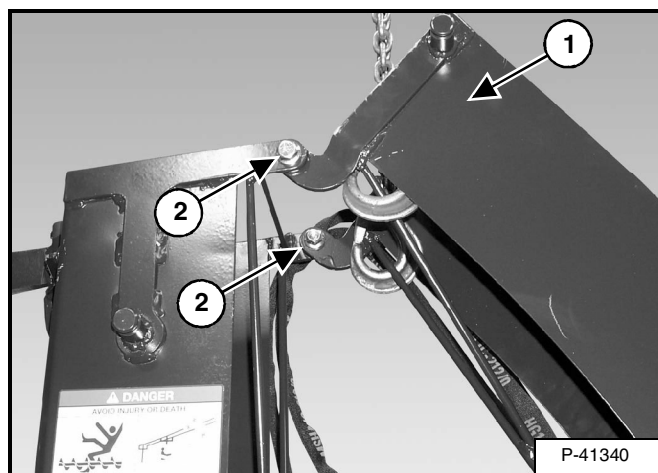
Figure 27



Attach chains (Item 1) [Figure 27] to the snowblower truck loading top chute supports.

NOTE: Use chains that are in good condition and of adequate size to lift the top chute.

Figure 28



Raise the top chute (Item 1) [Figure 28], align the holes of top chute with the holes in the bottom chute.

Install bolts (Item 2) [Figure 28]. Tighten bolts.

NOTE: Do not over tighten bolts (Item 2) [Figure 28]. The top chute should move freely.

Remove chains.

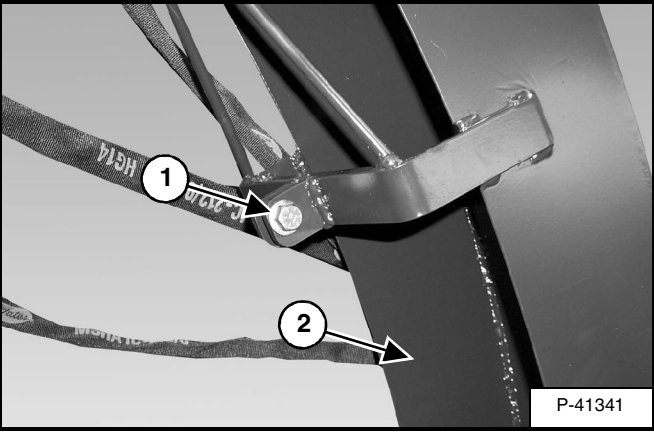
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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

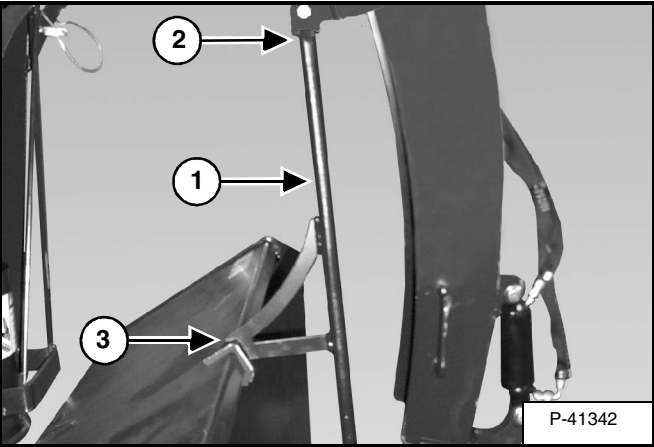
Truck Loading Chute Installation (Cont'd)

Figure 29



Remove the bolt (Item 1) from the snowblower truck loading top chute (Item 2) [Figure 29].

Figure 30

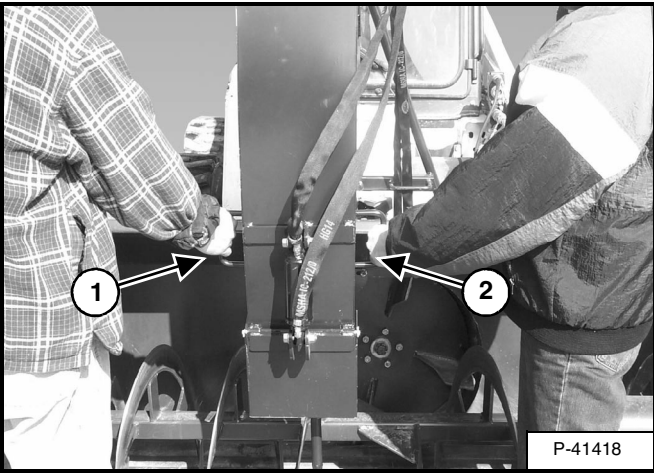


Align the top hole of the lift arm (Item 1) with the hole in the top chute. Install bolt (Item 2) [Figure 30].

NOTE: Do Not over tighten bolt (Item 2). The lift arm (Item 1) should move freely [Figure 30].

Place the lift arm on the blower (Item 3) [Figure 30].

Figure 31



When raising the top chute, one person should lift on the right handle (Item 1) and one person should lift on the left handle (Item 2) [Figure 31].

Raise the top chute.

NOTE: When raising and lowering the top chute, place the attachment on dry flat ground.

Figure 32



While raising the top chute, one person will position their free hand (Item 1) [Figure 32] under the washer located toward the bottom of the lift arm.

INITIAL SETUP (CONT'D)

Assembly (Cont'd)

Truck Loading Chute Installation (Cont'd)

Figure 33



Figure 34



DANGER

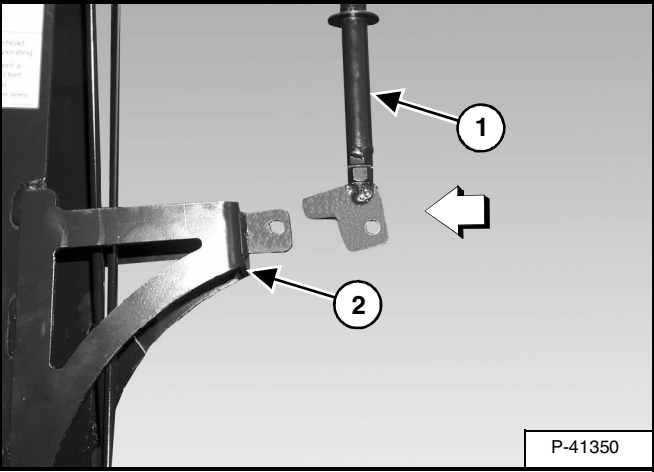
ELECTROCUTION HAZARD

- Check for overhead or underground lines before operating.
- Keep boom, attachment and load a minimum of 3 m (10 ft) away from electrical power lines.

D-1012-0910

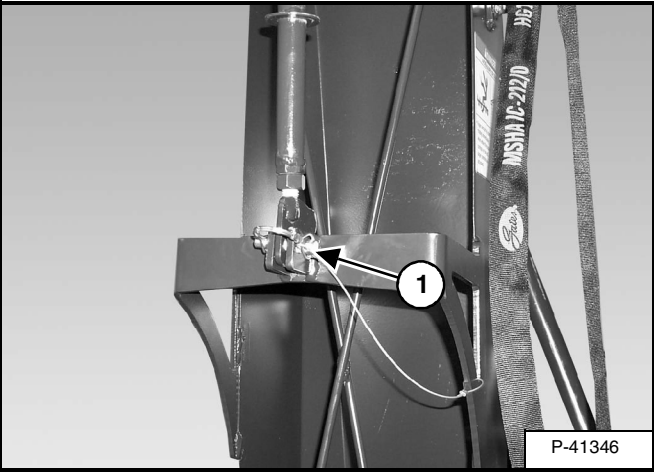
Once the top chute is over center [Figure 33], one person can raise the top chute to it's upright position [Figure 34].

Figure 35



Place the lift arm (Item 1) into the support bracket (Item 2) [Figure 35].

Figure 36



Align the holes and install the retaining pin (Item 1) [Figure 36].

Rotate the chute by hand. The chute should move freely.

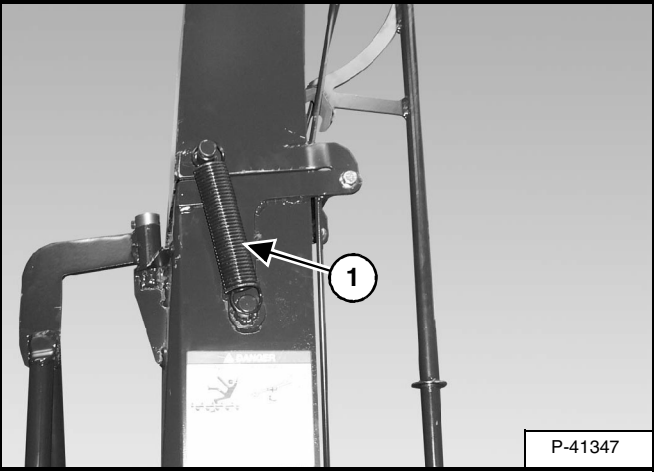
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INITIAL SETUP (CONT'D)

Assembly (Cont'd)

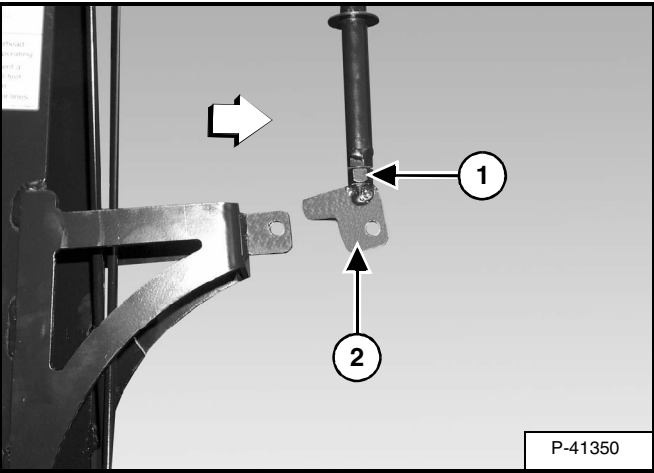
Truck Loading Chute Installation (Cont'd)

Figure 37



Install the spring(s) (Item 1) [Figure 37] on both sides of the chute.

Figure 38

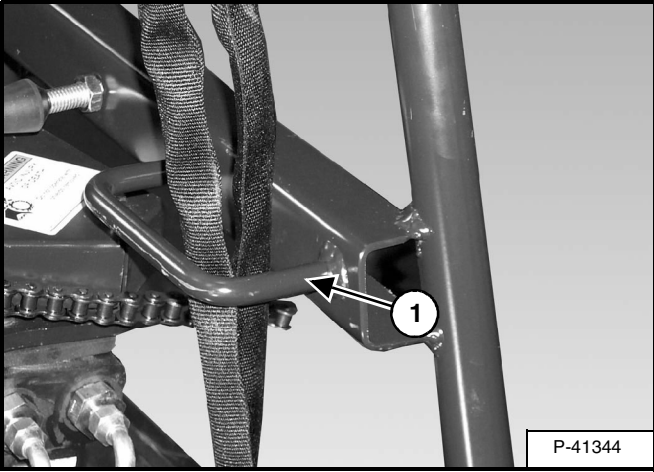


Top chute should fit securely on the bottom chute.

If the top chute does not fit securely. Remove the lynch pin, loosen the nut (Item 1) at the bottom of the lift arm. Rotate the latch (Item 2) [Figure 38] counterclockwise to raise the top chute, until the top chute fits securely on the bottom chute.

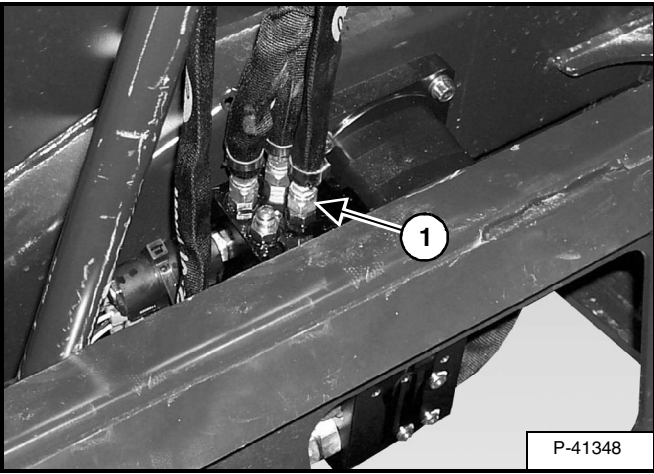
Reinstall the lynch pin.

Figure 39



Route the hydraulic hoses from the deflector cylinder through the hose guide (Item 1) [Figure 39] on the support.

Figure 40



Install the hose (Item 1) [Figure 40] from the base end of the deflector cylinder to the control valve.

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