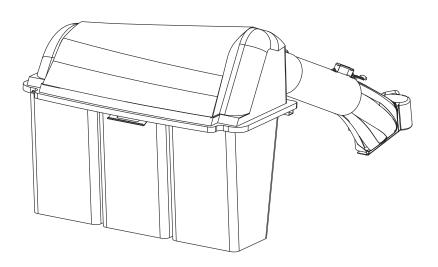








# **ATTACHMENT OPERATOR'S** MANUAL



# **Clean Sweep Triple Catcher**

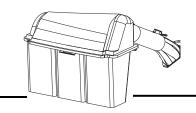
## **Clean Sweep Triple Catcher**

Mfg. No. Description

5900703 Clean Sweep Triple Catcher

> 1735596 Rev. 00 Rev. Date 10/2007 TP 100-4785-00-AT-SMAN

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# **Safety Rules**and Information





Read these safety rules and follow them closely. Failure to obey these rules could result in loss of control of unit, severe personal injury or death to you, or bystanders, or damage to property or equipment. The triangle  $\mathbf{A}$  in text signifies important cautions or warnings which must be followed.

# A GENERAL WARNINGS

- Know the unit's controls and how to stop quickly.
   READ THE OPERATOR'S MANUALS.
- · Read and obey all safety decals.
- Only allow responsible adults, who are familiar with the instructions, to operate the unit.
- Disengage the PTO. Shut off the engine and wait for all moving parts to stop before attaching, adjusting, or disconnecting any part of the collection system.
- Check the collection system to make sure it is bolted tightly to the unit.
- DO NOT operate the unit without either the entire grass catcher or the deflector in place.
- Turn off the PTO to disengage the blades when not mowing.
- DO NOT mow in reverse unless absolutely necessary. Always look down and behind before and while travelling in reverse.
- DO NOT turn sharply when travelling alongside a building or any object. Slow down before turning.
- DO NOT carry passengers.
- When collection system is removed from the mower deck, the deflector must be properly installed.
- Collector bags are subject to deterioration and wear during normal use. Inspect the bag periodically for

- tears, holes, or weak spots and replace with a new bag that meets manufacturer's durability standards.
- If the mower stalls or the collector chute plugs:
  - 1. Disengage the PTO;
  - 2. Stop the engine and remove the key;
  - 3. Set the parking brake, and wait for all moving parts to stop.
  - 4. Remove the foreign object or clear the chute with a piece of wood before restarting the engine. NEVER place hands into COLLECTOR OR MOWER housing to clear jammed objects. Blower OR MOWER may rotate when object is removed.
- For added stability and to prevent tipping or loss of control:
  - a. Use reduced speed on uneven ground and when turning corners.
  - b. Reduce loads on hillsides. It is recommended that the collection system be kept only half full when negotiating any slopes. Start mowing on slopes when the collection system is empty.
  - c. Mow up and down the face of slopes; never across the face of any slope.
- Never operate on slopes greater than 17.6%

#### SAFETY DECALS

This unit has been designed and manufactured to provide you with the safety and reliability you would expect from an industry leader in outdoor power equipment manufacturing.

Although reading this manual and the safety instructions it contains will provide you with the necessary basic knowledge to operate this equipment safely and effectively, we have placed several safety labels on the unit to remind you of this important information while you are operating your unit.

All DANGER, WARNING, CAUTION and instructional messages on your rider, attachments and mower should be carefully read and obeyed. Personal bodily injury can result when these instructions are not followed. The information is for your safety and it is important! The safety decals below are on your product.

If any decals are lost or damaged, replace them at once. See your local dealer for replacements.

These labels are easily applied and will act as a constant visual reminder to you, and others who may use the equipment, to follow the safety instructions necessary for

#### Attachment Decal



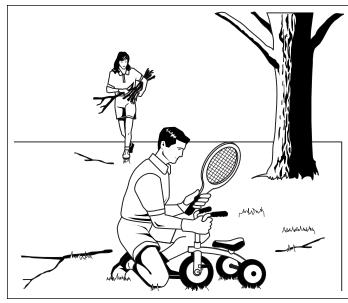
Decal - WARNING Thrown Objects Hazard Part Number 1732819

Read and obey all operation and warning decals.

TP 100-4785-00AT-SMAN



# General **Operating Instructions**



### **Before Operation**

Clear the lawn of all sticks, stones, wire and other debris which may be caught or thrown by the mower blades.

Check grass condition. If wet, wait until later in the day. If grass is wet, the grass catcher is likely to become plugged.

For efficient bagging, air circulation under the mower deck, through the chute and into the bag is very important.

For this reason, BEFORE YOU BEGIN MOWING you should make certain the underside of the mower and the underside of the catcher lid are free from grass and debris.

Make sure that there is a snug fit between mower deck, blower housing, tubes, and grass catcher cover.

## Mowing with the Catcher

Always operate with throttle at full speed when mowing.

Grass should be cut often, and not too short. If grass is too long or lush it may be necessary to keep ground speed to a minimum or to cut only half the width of the mower to prevent clogging. If grass is long, operate with mower in high cutting position for first pass, cutting again in a lower position on a second pass.

#### Do not open the cover with mower engaged.

If a large amount of cut grass is spilling out from under deck, the tube may be plugged or the bags may be full discontinue mowing, stop the unit, disengage the PTO, shut off the engine and then empty the catcher or clear the tube.

# A WARNING

ALWAYS shut off the tractor. Disengage the PTO, and allow all moving parts to stop BEFORE disconnecting or clearing tube, or emptying catcher.

Before leaving the operator's position for any reason, engage the parking brake, disengage the PTO, stop the engine and remove the key.

To reduce fire hazard, keep the engine, rider and mower free of grass, leaves and excess grease. Do not stop or park rider over dry leaves, grass or combustible materials.

## CAUTION

Before you begin operating the unit be certain you have read all of the safety and operational information of this instruction sheet, as well as the Operator's Manual for the tractor and any other attachments.

Never operate on slopes greater than 17.6% (10°).

## After Operation

Remove any debris from the screen on the underside of the lid.

The blower housing and tube should be removed for cleaning.

Inspect the grass bags for wear or damage. Make sure that there is a snug fit between mower deck, blower housing, tubes, and grass catcher cover.



# CAUTION

Do not leave grass in bagger containers. Empty containers after each use and before storing. Failure to do so may result in spontaneous combustion which could develop into a fire.

# Storing the Grass Catcher

Clean the grass catcher thoroughly using a mild detergent (other products may damage the tube). Remove any debris from the the screen on the underside of the lid.

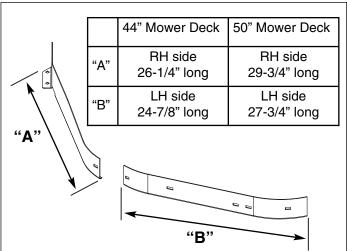
If paint has been scratched on metal parts, touch up with paint, or apply a thin film of oil to prevent corrosion.

Store in a dry area. Dry thoroughly before storing for a long period of time. Always store away from moisture.

# **Tube Component Assembly**

#### **BAFFLE INSTALLATION**

- 1. Determine which baffle to use (See Chart).
- 2. Lift side discharge chute (H, Figure 1).
- 3. Insert baffle (F) through discharge opening and position baffle into place.
- 4. Tighten carriage bolts (A) and locknut(s) (E) on baffle (F).
- 5. Tighten carriage bolt (B) and locknut(s) (E) on baffle (F).
- 6. Position baffle (G) into place.
- 7. Tighten carriage bolts (C) and locknut(s) (E) on baffle (G).
- 8. Tighten carriage bolts (D) and locknut(s) (E) on baffle (G).



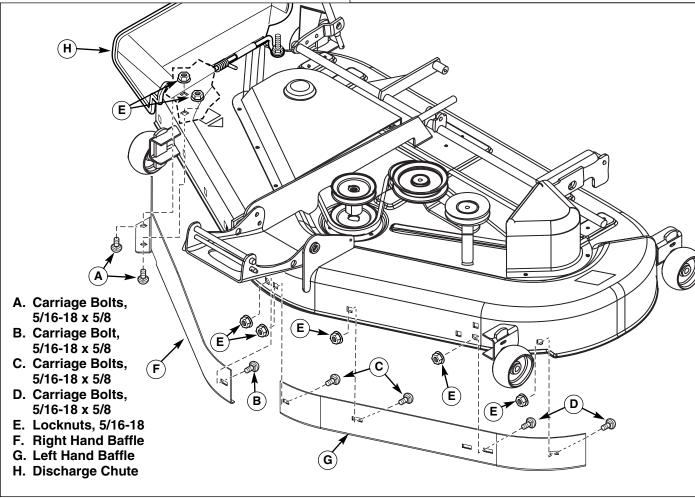


Figure 1. Baffle Assembly

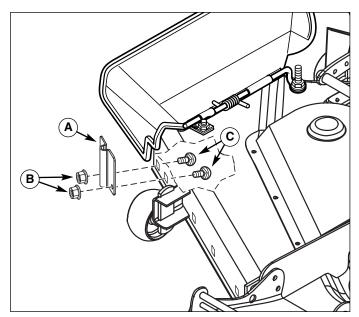


Figure 2. Install Mounting Plate

- A. Mounting Plate
- B. Locknuts, 5/16-18
- C. Carriage Bolts, 5/16-18 x 5/8

### **Component Installation**

#### **INSTALL MOUNTING PLATE**

 Install mounting plate (A, Figure 2) to mower deck as shown. Secure with carriage bolts (C) and locknuts (B).

#### LOWER CHUTE ROD AND PIN INSTALLATION

- 1. Insert the head of latch pin (A, Figure 3) through front hole of lower chute (D). Secure with carriage bolt (B) and locknut (C).
- 2. Install the rod (H) to lower chute (D) using locknuts (G) for front holes. Tighten hardware.
- 3. Install the rubber strap (F) onto capscrew (I) securing with locknut (E).

#### HANDLE INSTALLATION

- Install handle (A, Figure 4) using screw (C) and locknuts (B) for rear hole. Use screw (D) as shown. Tighten hardware.
- 2. Install strap (E) to screw (D) and secure with locknut (F).

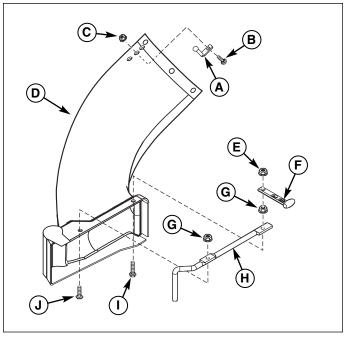


Figure 3. Lower Chute to Boot Installation

- A. Latch Pin
- B. Carriage Bolt, 1/4-20 x 5/8
- C. Locknut, 1/4-20
- D. Lower Chute
- E. Locknut, Center Lock, 5/16-18
- F. Rubber Strap
- G. Locknuts, Whiz Lock, 5/16-18
- H. Rod, Boot Mount
- I. Capscrew, Hex Head, 5/16-18 x 1-1/4
- J. Capscrew, Hex Head, Thin, 5/16-18 x 1

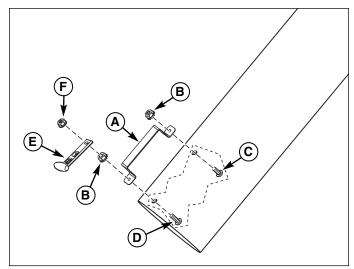


Figure 4. Handle to Tube Installation

- A. Handle
- B. Locknuts, KEPS, 1/4-20
- C. Screw, Slotted, 1/4-20 x 1/2
- D. Screw, Slotted, 1/4-20 x 1
- E. Rubber Strap
- F. Locknut, Center Lock, 1/4-20

# **Bag and Cover Support Installation**

#### **INSTALL BAG AND COVER SUPPORT**

1. Install the bag and cover support (B, Figure 5) to upright support (A) using the capscrews (C) and the locknuts (D).

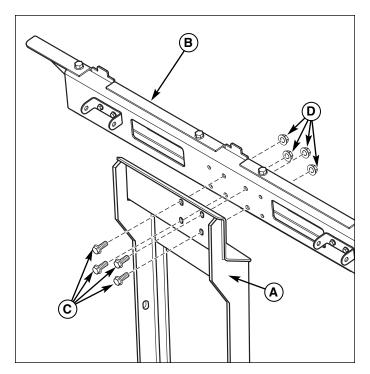


Figure 5. Install Bag and Cover Support

- A. Upright Support
- B. Bag and Cover Support
- C. Capscrews, 3/8-16 x 1
- D. Locknuts, 3/8-16

#### **INSTALL COVER ASSEMBLY**

1. Attach cover assembly (B, Figure 6) to bag support bracket (A) using hinge pivots (E). Secure cover using cover hinge pins (C) and hair pins (D).

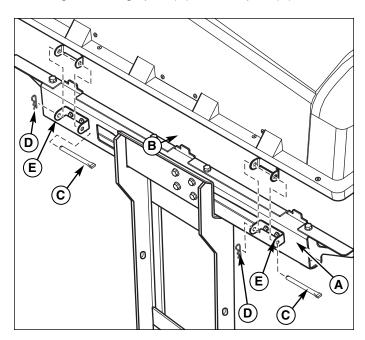


Figure 6. Install Cover Assembly

- A. Bag Support Bracket
- **B.** Cover Assembly
- C. Cover Hinge Pins
- D. Hair Pins
- E. Hinge Pivots

#### **INSTALL COLLECTOR BAGS**

1. Raise the cover (A, Figure 7).

Note: It may be necessary to fold seat forward to allow cover to stay in the raised position.

2. Attach collector bags (B) using grass bag hanger (C) to bag hanger post (D).

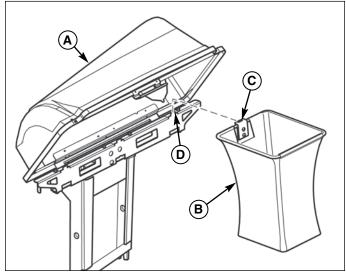


Figure 7. Install Collector Bags

- A. Cover
- **B.** Collector Bags
- C. Grass Bag Hanger
- D. Bag Hanger Post

# **Tube Installation**

#### **LOWER TUBE INSTALLATION**

- 1. Lift discharge deflector up (D, Figure 8).
- 2. Insert lower chute rod (A) into mounting plate (B).
- 3. Pull rubber strap (C) and secure by placing hole closest to knob in strap completely over locknut (E).

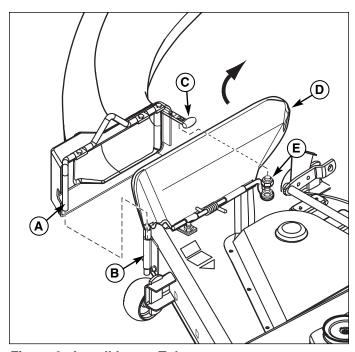


Figure 8. Install Lower Tube

- A. Lower Chute Rod
- **B.** Mounting Plate
- C. Rubber Strap
- D. Discharge Deflector
- E. Locknut
- F. Bolt Carriage 1.25

#### **CONNECTING UPPER AND MIDDLE TUBE**

- 1. Slide the upper tube (A, Figure 9) into cover (B) aligning ridge (C) with cutout (D).
- 2. See Figure 10 for correct hole location and secure the upper tube (E) to middle tube using screw (F).
- 3. Slide middle tube (D) into upper tube (E).
- 4. Slide middle tube (D) over boot (A). Pull strap (B) and place hole completely over pin (C).

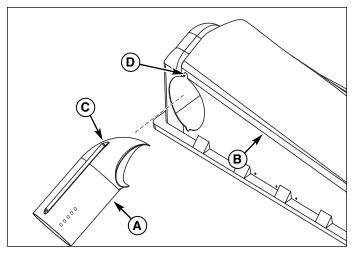


Figure 9. Install Upper Tube to Cover

- A. Upper Tube
- B. Cover
- C. Ridge, Upper Tube
- D. Ridge Cutout

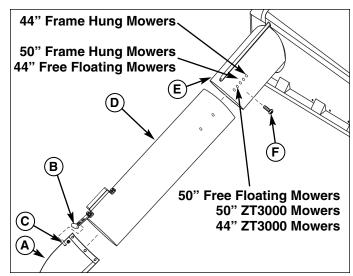


Figure 10. Install Middle Tube

- A. Lower Chute
- B. Strap, Rubber
- C. Pin
- D. Middle Tube
- E. Upper Tube
- F. Screw, 1/4 x 3/4

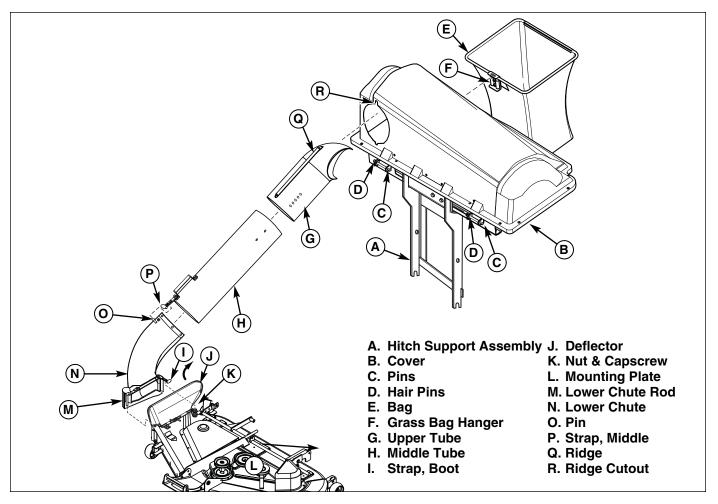


Figure 11. Collector Installation and Removal

#### COLLECTOR INSTALLATION

Note: See previous pages for more detailed installation and operation instructions if necessary.

- 1. Mount the hitch support assembly (A, Figure 11) onto rear tractor frame.
- 2. Attach cover (B) to support assembly using pins (C) and hair pins (D).
- 3. Pivot cover (B) up. Install bag (E) by attaching grass bag hanger (F) to support assembly (A).
- Lift discharge deflector (J) up. Insert lower chute rod (M) into mounting plate (L). Pull boot strap (I) and secure by placing hole closest to knob in boot strap completely over locknut and capscrew (K).
- Slide the upper tube (G) into cover (B) aligning ridge (Q) with cutout (R).
- 6. Slide middle tube (H) into upper tube (G). Slide middle tube (H) over lower chute (N). Pull strap (P) and place hole completely over pin (O).

#### **COLLECTOR REMOVAL**

# **WARNING**

#### **OPERATION WITHOUT BAGGER**

For operation without bagger, the mower deflector MUST be properly installed in the down position and retained by the spring latch.

- 1. Unhook strap (P, Figure 11) from pin (O). Slide middle tube (H) into upper tube (G) and remove middle tube (H). Remove upper tube (G) from cover (B).
- 2. Lift up cover (B) remove and empty bags (E).
- 3. Unhook strap (I) from locknut and capscrew (K). Remove lower chute (N) from mounting plate (L). See that the discharge deflector (J) returns to the DOWN position.
- 4. Remove hair pins (D) and pins (C) then remove cover (B).

Note: To prevent loss of parts, reinstall pins (C) and hair pins (D) in support assembly hinge.

5. Remove hitch support assembly (A).

# **Carrier Installation**

#### FRONT WEIGHT CARRIER INSTALLATION

- 1. Install carrier (F, Fgure 12) as shown securing with capscrews (B), and locknuts (C).
- 2. Secure required weights using rod (D) and safety clip (E).

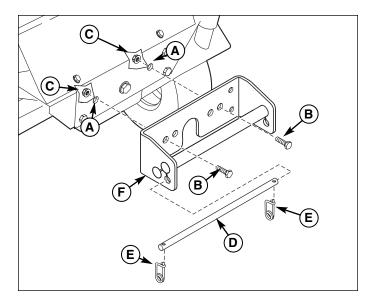


Figure 12. Front Weight Carrier Installation

A. Holes

D. Rod

B. Capscrews, 1/2-13 x 1-1/4 E. Clips, Safety F. Carrier, Weight

C. Locknuts, 1/2-13

10

#### **FLAT STYLE BUMBER**

- 1. Remove and discard hardware holding heat shield (B, Figure 13) to upper and lower bumper (E).
- 2. Open existing holes (F) in heat shield (B) and upper & lower bumper (E) to 17/32".
- 3. Install hitch plate (A) to upper and lower bumper (E) keeping heat shield (B) in between. Secure with capscrews (C) and locknuts (D).

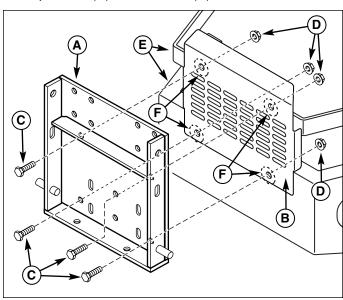


Figure 13. Install Hitch Plate (Flat Style Bumper)

- A. Hitch Plate
- B. Heat Shield
- C. Capscrews Hex, 1/2-13 x 1-1/4
- D. Locknuts, 1/2-13
- E. Upper & Lower Bumper
- F. Existing Holes

#### **TUBE STYLE BUMBER**

- 1. Center and secure hitch plate (A, Figure 14) to the bumper (B) with u-bolts (C) and locknuts (D).
- 2. Set the back plate and support (A, Figure 15) onto pins of hitch plate (C). Secure with rod (D) and hair pin (B).

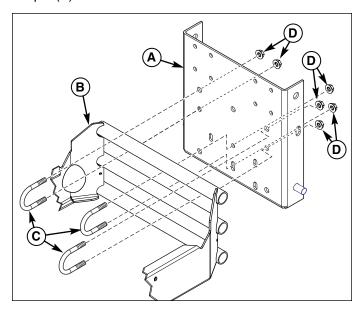


Figure 14. Install Hitch Plate (Tube Style Bumper)

- A. Hitch Plate
- B. Bumper, Tube
- C. U-Bolts
- D. Locknuts, 3/8-16

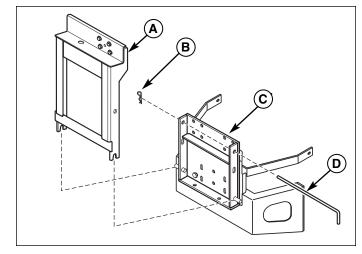


Figure 15. Install Back Plate (Flat Style Bumper)

- A. Back Plate and Support C. Hitch Plate
- B. Hair Pin
- D. Rod

# **Grass Catcher Removal and Attachment**

#### **REMOVING THE GRASS CATCHER**

1. Remove the hair pin clips (B, Figure 16) and hinge pins (D) and remove the cover (A).

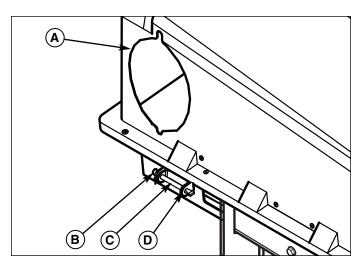


Figure 16. Remove the Cover

A. Cover

C. Hinge

B. Hair Pin Clip

E. Hinge Pin

2. Remove the bags (A, Figure 17) by tilting them off their hooks. Empty any grass out of the bags.

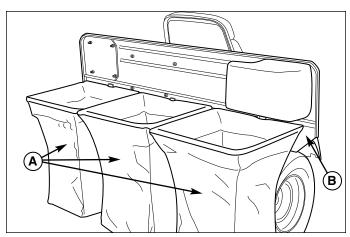


Figure 17. Bags

A. Bags

**B. Back Plate** 

# Note: Back plate (A, Figure 18) will fall when rod (D) is removed.

- 3. Remove the hair pin (B, Figure 18) and rod (D) while holding back plate (A).
- 4. Lift the back plate and support (A) off hitch plate (C).

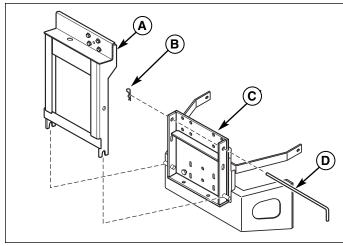


Figure 18. Install Back Plate (Flat Style Bumper)
A. Back Plate and Support C. Hitch Plate

B. Hair Pin

D. Rod

# **Grass Catcher Removal and Attachment**

#### ATTACHING THE GRASS CATCHER

- 1. Set the back plate and support (A, Figure 19) onto the pins of the hitch plate (C). Secure with rod (D) and hair pin (B).
- 2. Hook the bags on the back plate (Figure 7).
- 3. Install the catcher cover (A, Figure 7) and secure with the hinge pins (D, Figure 6) and hair pin clips (D).

Note: Push the hair pin clips all the way on or they will be bent by the hinge when the cover is opened.

4. Insert lower chute (A, Figure 10) and middle tube (D) into upper tube (E) and clip into turbo.

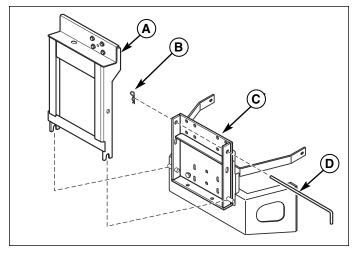


Figure 19. Install Back Plate (Flat Style Bumper)
A. Back Plate and Support C. Hitch Plate

B. Hair Pin

D. Rod



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