



# JDSB

## JOHN DEERE SERVICE BULLETIN

### ATTACHMENT AND TRACTOR INTERCHANGEABILITY

#### 1975 Tractors

With the introduction of the 1975 Tractors, conversions will be necessary to install some attachments on certain tractors.

The chart below and the charts on pages 2 and 3 give you the information you need. All machines (tractors and attachments) are identified by serial numbers or shipping bundle numbers.

To use the charts, identify the attachment and tractor combination by serial number or shipping bundle number, and locate them on the charts. Next, refer to the key below for an explanation of the symbols on the charts.

#### Chart Key

- X Attachment will fit as is.
- (1) A number indicates a conversion is required. Refer to like-numbered footnote.
- N.R. This combination is NOT RECOMMENDED.

<i>Please pass to:</i> _____	<b>Date</b>
_____	
_____	
<i>Return to:</i> _____	

ATTACHMENT	SERIAL NO.	MODEL TRACTOR SERIAL NO.	
		70	100
34 Rotary Mower	All	X	X
32 Snow Thrower	( -300,000)	X	(1)
32A Snow Thrower	(300,001- )	X	X
40 Front Blade	All	X	X

(1) Requires AM36052 Conversion Kit. Installation instructions are included with kit.

ATTACHMENT	SERIAL NO. OR BUNDLE NO.	MODEL TRACTOR		SERIAL NO.			
		110 (8 hp)	110 (10 hp)	112	200	210	212
39 Rotary Mower	All	X	X	X	X	X	X
47 Rotary Mower	All	N.R.	X	X	N.R.	X	X
37A Snow Thrower	( -300,000 )	X	X	X	(2)	(2)	(2)
37A Snow Thrower	(300,001- )	X	X	X	X	X	X
43 Front Blade	All	X	X	X	X	X	X
43 Blade Manual Angling Kit	BM15148	X	X	X	(3)	(3)	(3)
43 Blade Manual Angling Kit	BM15846	(4)	(4)	(4)	X	X	X
43C Center Blade	All	X	X	X	X	X	X
31 Rotary Tiller	All	X	X	X	X	X	X
541A PTO Attachment	( -300,000 )	X	X	X	N.R.	N.R.	N.R.
541A PTO Attachment	(300,001- )	X	X	X	X	X	X
Front End Weight Bracket	BM15169	X	X	X	(5)	(5)	(5)
Front End Weight Bracket	BM15847	X	X	X	X	X	X
Integral Hitch	BM15764	X	X	X	X	X	X

(2) Requires AM36054 Conversion Kit. Installation Instructions are included with kit.

(3) Requires AM35703 Control Rod Bracket and attaching hardware. Refer to instructions on page 4.

(4) Requires AM31952 Control Rod Bracket and attaching hardware. Refer to instructions on page 4.

(5) Requires conversion as shown on page 5.

ATTACHMENT	SERIAL NO. OR BUNDLE NO.	MODEL TRACTOR			
		120 (H-1)	140 (H-1)	140 (H-3)	300
41 Rotary Mower	( -300,000)	X	X	X	(6)
41 Rotary Mower	(300,001- )	X	X	X	X
48 Rotary Mower	( -300,000)	X	X	X	(6)
48 Rotary Mower	(300,001- )	X	X	X	X
49 Snow Thrower	( -300,000)	X	X	X	(7)
49 Snow Thrower	(300,001- )	(8)	(8)	(8)	X
54 Front Blade	All	X	X	X	X
54 Hydraulic Angling Kit	BM15149	N.R.	N.R.	X	X
54C Center Blade	All	X	X	X	X
54C Hydraulic Angling Kit	BM15625	N.R.	N.R.	X	(9)
33 Rotary Tiller	( -300,000)	X	X	X	(10)
33 Rotary Tiller	(300,001- )	(11)	(11)	(11)	X
542 PTO Attachment	BM15664	X	X	X	X
Front End Weight Bracket	BM15169	X	X	X	X
Front End Weight Bracket	BM15847	X	X	X	X
Integral Hitch	BM15511	X	X	X	X
3-Point Hitch	BM15158	N.R.	N.R.	X	N.R.
3-Point Hitch	BM15850	N.R.	N.R.	(12)	X

(6) Requires front mounting bracket conversion as shown on page 5.

(7) Requires control rod bracket (M49269), attaching hardware, and relocating of chute control cables. See page 6.

(8) Spout control rod bracket must be bent and attached to tractor as shown on page 7.

(9) Requires routing hydraulic hoses down right side of tractor frame and cutting right side panel to provide clearance for hose support clamp.

(10) Requires BM15851 Drive Parts or BM15776 Drive Parts and AM35855 Fill Tube Assembly.

(11) **All 120 and 140 Tractors (30,001- ):** AM35855 Fill Tube Assembly supplied with tiller is not required.

**140 Tractors ( -30,000)** require BM15510 Drive Parts. AM35855 Fill Tube Assembly supplied with tiller is not required.

(12) Requires AM36001 Rear Hydraulic Outlet Conversion Kit. Installation instructions are included with kit.

### INSTALLING BM15148 43 BLADE MANUAL ANGLING KIT ON 200 SERIES TRACTORS

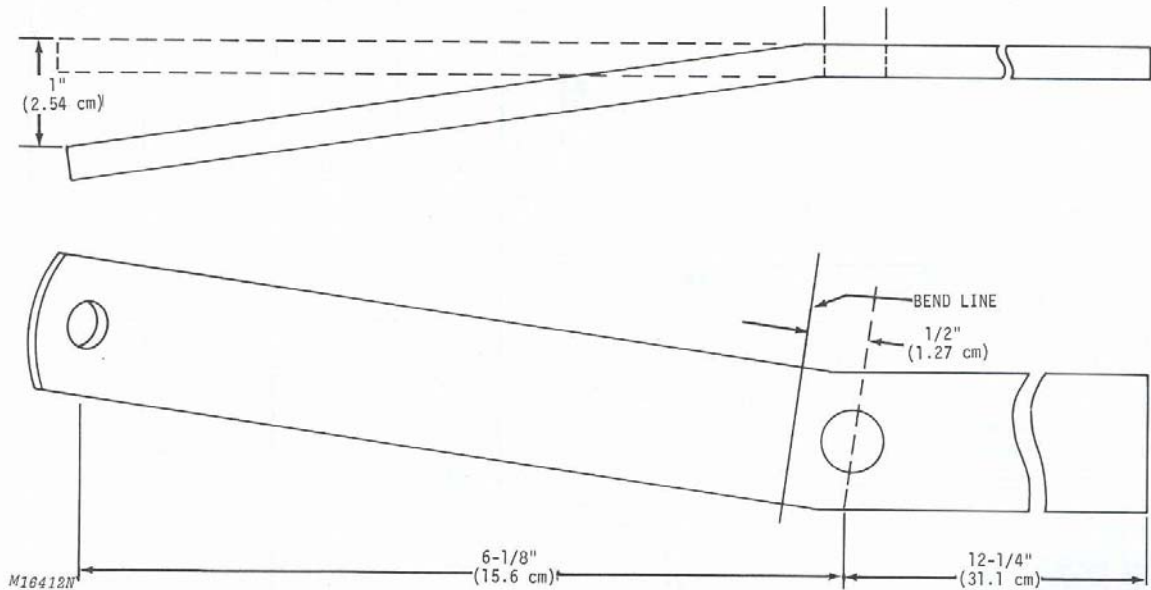


Fig. 4A-Angling Arm Properly Bent

The existing welded angling arm (AM31366) must be bent as shown in Fig. 4A.

*NOTE: This may be accomplished by heating the arm with a torch and bending it.*

Substitute AM35703 Control Bracket for the AM31952 Bracket supplied in kit and attach to pedestal using 1/4 x 3/4-inch hex bolt (19H1948) and washer (24H1287).

### INSTALLING BM15846 43 BLADE MANUAL ANGLING KIT ON 110 AND 112 TRACTORS

Control rod bracket (AM31952) and attaching hardware must be substituted for parts in kit.

#### Service Parts Required (Fig. 4B)

1	—	AM31952	Control Bracket
1	—	9H1637	Bolt
1	—	24H1308	Washer
1	—	12H310	Lock Washer
1	—	14H827	Wing Nut

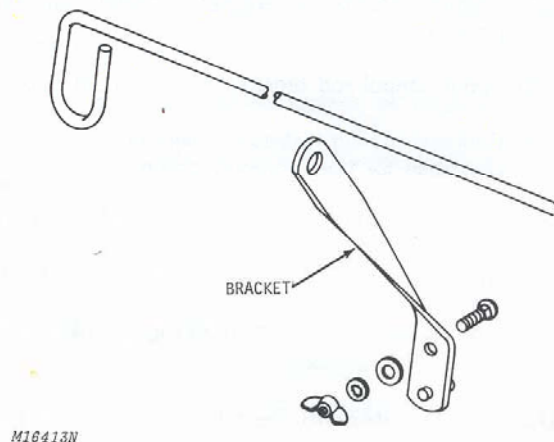


Fig. 4B-Control Rod Bracket and Attaching Hardware

### INSTALLING BM15169 FRONT END WEIGHT BRACKET ON 200 SERIES TRACTORS

To use a front end weight bracket (BM15169) on 200 Series Tractors, both sides of the bracket must be trimmed as shown in Fig. 5A.

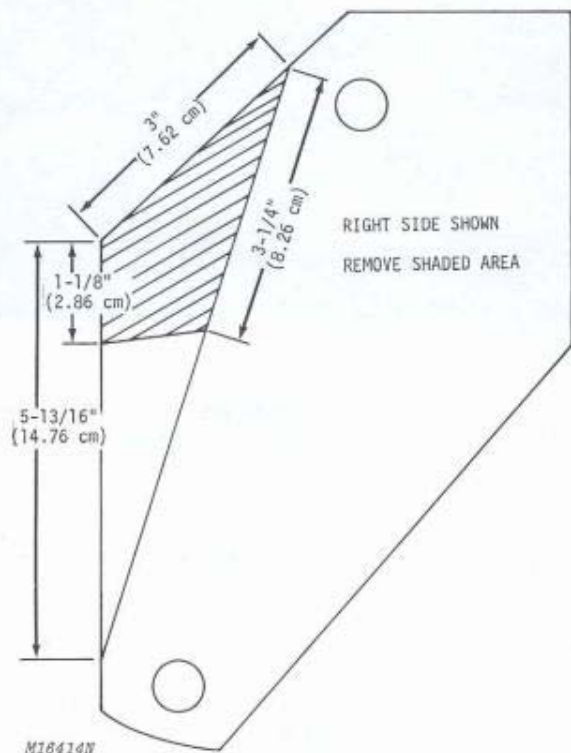


Fig. 5A-Area to be Trimmed from Front End Weight Bracket

### INSTALLING 41 AND 48 MOWERS ( -300,000) ON 300 TRACTOR

To install 41 Rotary Mower ( -300,000) or 48 Rotary Mower ( -300,000) on a 300 Tractor, the front mounting bracket must be trimmed on both sides as shown in Fig. 5B.

It may be necessary to tack-weld pin to bracket if excessive weld was removed by cut.

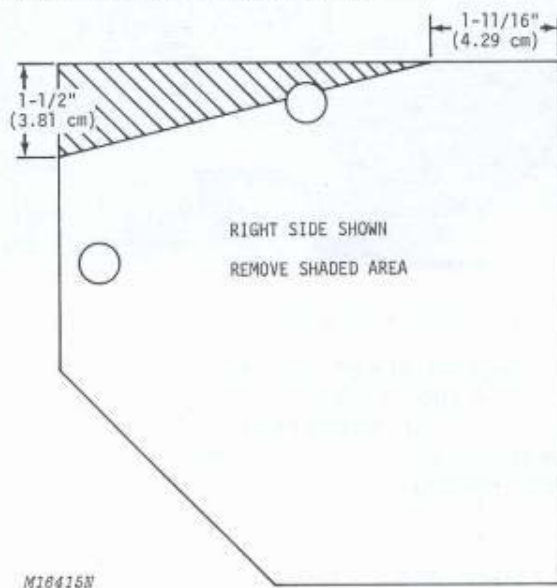


Fig. 5B-Area to be Trimmed from Front Mounting Bracket

### SHARE YOUR SERVICE TIPS

If you have a procedure that makes a tough job easier...one that reduces service time...or one that improves the operation of the product, advise your branch service manager who will forward it for use in the John Deere Service Bulletin. In this way, your fellow servicemen can also profit from your experience.

## ATTACHING 49 SNOW THROWER ( -300,000) ON A 300 TRACTOR

When attaching the above-mentioned snow thrower, the following minor changes are required to the control rod bracket and the control cable.

### Attaching Control Cable

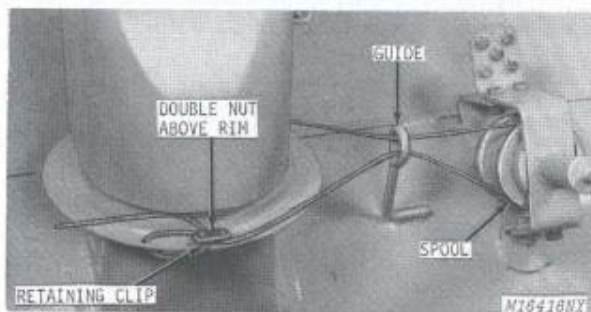


Fig. 6A-Control Cable Correctly Attached

1. Loop one end of cable around cast spool and insert both ends of cable through eye of cable guide. See Fig. 6A. Turn control handle until cable ends are exactly the same length when pulled across the discharge opening.

2. Apply a light coat of grease to discharge chute base and position chute over discharge opening with the spout forward.

3. Place retaining clips below rim of chute and attach loosely with 1/4 x 5/8-inch machine screws, internal tooth washers, and double nut (above rim).

4. Lay ends of cables across rim of chute and insert between rim of chute and double nuts. Be sure cable leading from top of spool is assembled to the front, and lower cable is assembled to the rear for proper chute rotation.

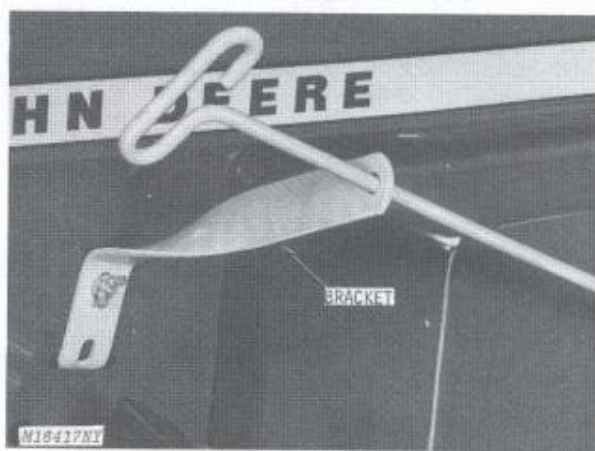


Fig. 6B-Control Rod Bracket Installed

5. Pull both cables through the double nuts and chute rim, then insert cable into holes and back through double nuts and chute rim as shown. Tighten screws firmly.

6. After chute and cable assembly is complete, rotate chute to check for equal turn in both directions. If necessary, loosen set screw and slide cable through cast spool as required for equal turn.

A new control rod bracket (M49269) and the following hardware are required.

- |             |                          |
|-------------|--------------------------|
| 1 — 3H1701  | 1/4 x 3/4-inch hex. bolt |
| 1 — 24H1287 | 1/4-inch washer          |
| 1 — 14H844  | 1/4-inch wing nut        |

Attach as shown in Fig. 6B.

## ATTACHING A 49 SNOW THROWER (300,001- ) ON 120 OR 140 TRACTORS

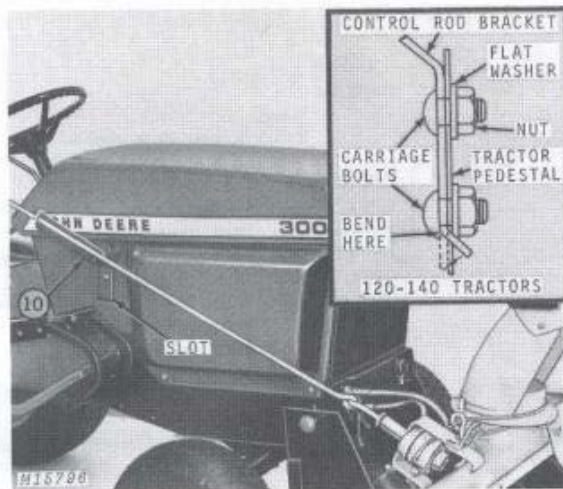


Fig. 7A-Control Rod Bracket

To install a 49 Snow Thrower (300,001- ) on a 120 or 140 Tractor, flatten the control rod bracket as shown in Fig. 7A, above.