



INSTALLATION INSTRUCTIONS

SKID SHOE
• GROUND ROLLER •

DIAMOND MOWERS, Inc.
350 E 60th St. North
Sioux Falls, SD 57104

DURING INSTALLATION - AND ANYTIME AFTER - OUR
SKILLED TECHNICAL TEAM IS AVAILABLE TO ANSWER
YOUR QUESTIONS. CALL:
888-960-0364

Phone: 605-977-3300
Fax: 605-655-5870
www.diamondmowers.com

DEMAND BRILLIANCE.



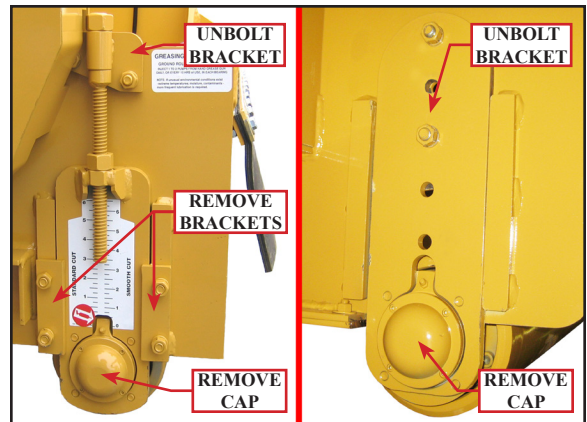
NOTE: Follow the instructions below for installation of ground roller bearing skid-shoes for either heavy duty type flails or standard duty type flails. Reverse these instructions for skid-shoe removal.



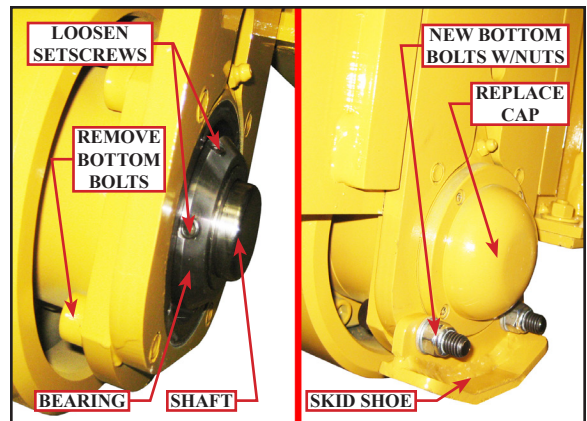
Heavy Duty Flail Installation: Starting on one side of the flail, unbolt the hardware securing the ground roller bracket to the side of the flail, and then unbolt and remove the bearing cap (see Figure 1.) **NOTE: A heavy duty side or rear flail is illustrated on the left half of (Figure 1,) and a heavy duty boom flail is illustrated on the right half of (Figure 1.)** Loosen the (2) setscrews securing the ground roller bearing to the ground roller shaft, and then slide the entire ground roller bracket and bearing assembly off of the ground roller shaft. Remove the bottom (2) bolts securing the ground roller bearing housing to the bracket as illustrated, and then replace them with the supplied longer bolts. Place the skid-shoe over the longer bolts, and then secure it with the supplied nuts. Reassemble the ground roller bearing/bracket assembly to the ground roller and flail. Secure the bracket to the flail with its hardware, and then secure the bearing to the ground roller shaft by tightening the (2) setscrews. Replace the bearing cap, and then repeat for the other side of the flail (see Figure 2.) Reverse these instructions for ground roller skid shoe removal.



CAUTION! Make sure the flail and the ground roller are secured to prevent movement, as they will be unbolted from each other to gain access to the bearing bolts. Assemble the skid-shoes to one side of the flail at a time.

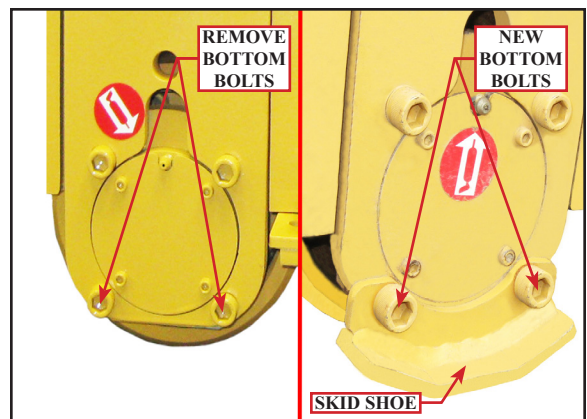


(Figure 1)



(Figure 2)

Standard Duty Flail Installation: Remove the bottom (2) bolts securing the ground roller bearing housing to the bracket as illustrated. Bolt the skid-shoe to the ground roller bracket with the supplied longer bolts. Repeat for the other side of the flail (see Figure 3.) Reverse these instructions for ground roller skid shoe removal.



(Figure 3)