

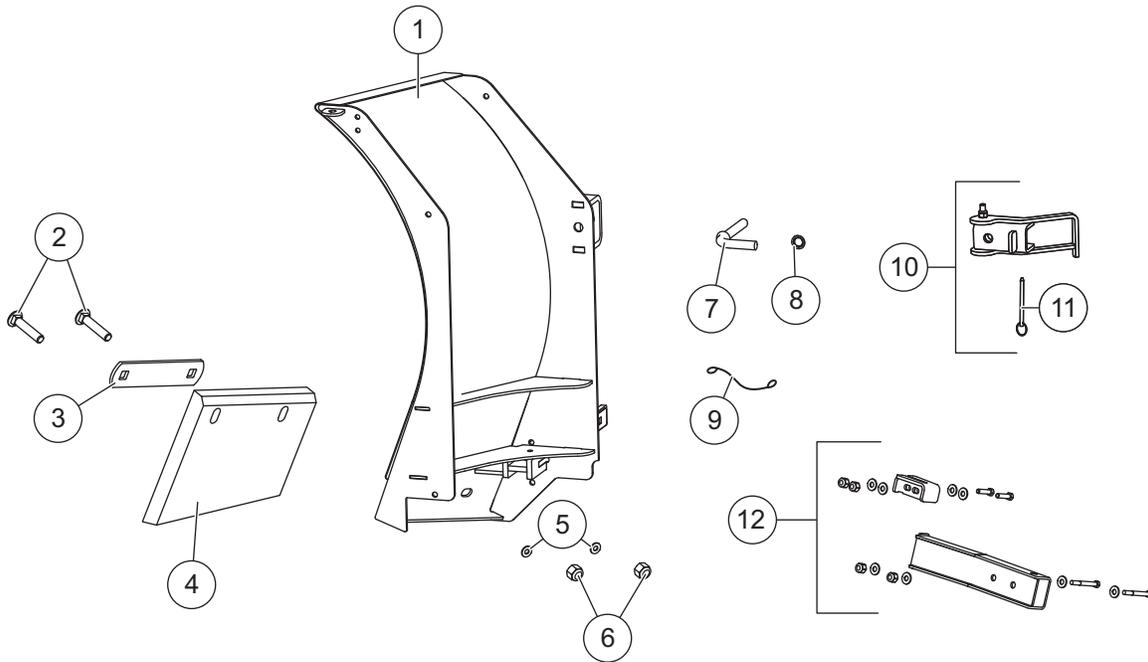


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A DIVISION OF DOUGLAS DYNAMICS, LLC

43510
8-1/2' & 9-1/2' MVP 3™ Blades
BLADE WING EXTENSION KIT
 Parts List & Installation Instructions

PARTS LIST



43510 Blade Wing Extension Kit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	43085	1	Blade Wing Extension – DS	6	91337	4	5/8-11 Hex Locknut GB
ns	43086	1	Blade Wing Extension – PS	7	42536	2	5/8-11 x 4-1/4 L-Bolt
2	90265	4	5/8-11 x 3-1/2 Carriage Bolt G5	8	43553	2	5/8 Push Nut
3	41978	2	Cutting Edge Brace	9	43554	2	12" Lanyard
4	41964	1	Cutting Edge – DS	10	42530	2	Cam Lock Assembly
ns	41965	1	Cutting Edge – PS	11	43540	2	1/4 x 3-1/4 Cotterless Hitch Pin
5	63927	4	5/8 Flat Washer	12	43082	1	Blade Stop Kit
ns = not shown				G = Grade			

⚠ WARNING

Do not exceed GVWR or GAWR, including blade and ballast. The rating label is found on the driver-side vehicle door cornerpost.

⚠ CAUTION

Read this document before installing the blade wing extension kit.

⚠ CAUTION

Use standard methods and practices when attaching snowplow and installing accessories including proper personal protective safety equipment.

⚠ CAUTION

See your WESTERN® outlet/Web site for specific vehicle application recommendations before installation. Blade wing weight information may be found in the Selection List.

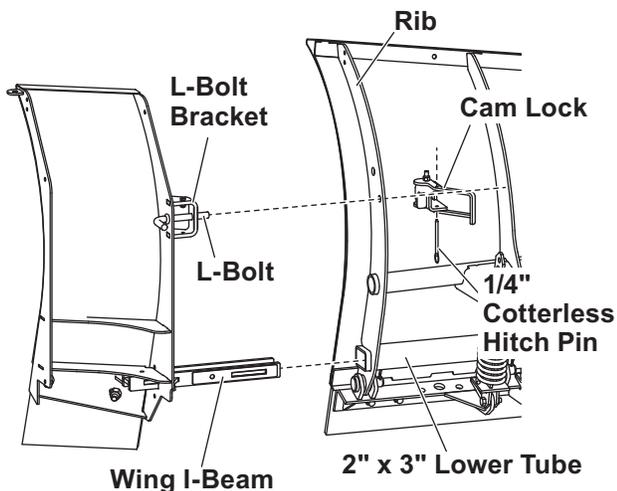
43510 BLADE WING EXTENSION KIT

INSTALLATION INSTRUCTIONS

⚠ WARNING

Keep 8' clear of the blade when it is being raised, lowered or angled. Do not stand between vehicle and blade or directly in front of the blade. If the blade hits or drops on you, you could be seriously injured.

1. Park the vehicle on a smooth, level, hard surface, such as concrete. Lower the blade to the ground, and turn the control OFF. Disconnect the snowplow from the vehicle, or turn the vehicle ignition to the "OFF" position and remove the key.
2. Align the holes in the cutting edge brace and cutting edge with the holes in the blade wing extension. Secure using 5/8" x 3-1/2" carriage bolts and 5/8" locknuts. Finger tighten the fasteners.
3. To install the blade stops, refer to the 43082 Blade Stop Kit Installation Instructions included with that kit.
4. Insert the wing I-beam into the 2" x 3" lower tube of the blade. Align the L-bolt with the hole in the rib of the blade, and slide the wing in until the L-bolt bracket is flush to the rib.
5. With the cam lock in the open position, thread the L-bolt into the cam lock.
6. Once the cam lock is tight against the blade rib, rotate the cam into the locked position and secure it with the 1/4" cotterless hitch pin.
7. Adjust cutting edge to match blade height. Fully hand tighten fasteners.
8. Repeat Steps 3–5 on the other side.

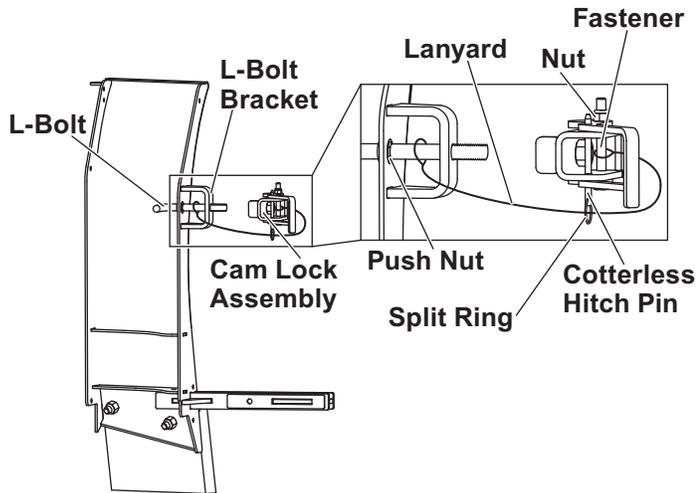


43510 BLADE WING EXTENSION KIT

Lanyard

The lanyards come pre-installed. If necessary, a lanyard may be replaced as follows:

1. Remove the L-bolt from the bracket and loop one end of the lanyard around the L-bolt as shown below. Slide the L-bolt back through the bracket.



2. Feed the loose end of the lanyard through the split ring on the cotterless hitch pin in the cam lock.
3. Remove the nut and pull the fastener partway out of the cam lock. Loop the other end of the lanyard around the fastener and return fastener and nut.

43510 BLADE WING EXTENSION KIT

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