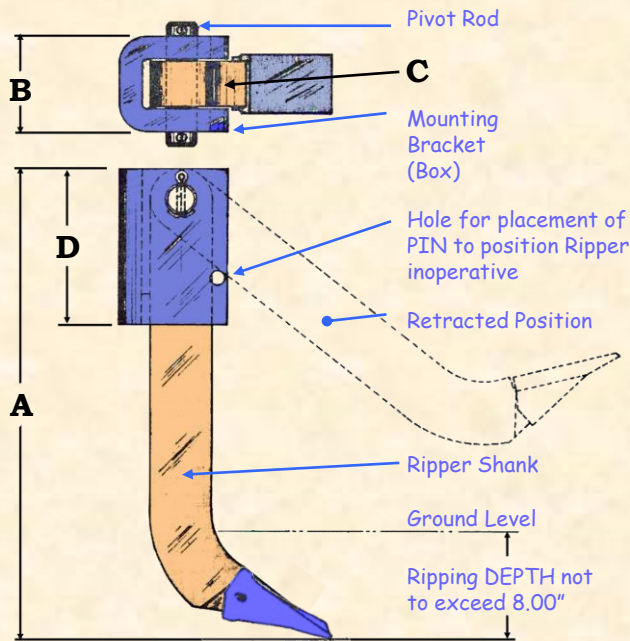


H&L® Allied Equipment Bulldozer BACK-UP Ripper Assemblies



WARNING: Scarifier shank STOPS must be installed on equipment when ripper boxes are placed in the areas of RADIATOR OR HYDRAULIC units that could be damaged by insufficient ripping clearances!

H&L Back-up Rippers are mounted to the back of the bulldozer blade and are designed to rip while the dozer is backing. Production is increased since the equipment is working full time in both directions. Tight material, such as hardpan, D.G. and rock is broken up making production easier with less wear and tear to the machine.

Rippers operate independently! As the tractor moves forward, the ripper shanks **drag freely** behind the dozer blade and when the tractor moves rearward, each shank will fall into the ripping position. When shanks needs to be inoperative, simply raise the shank assembly and insert a pin or bolt in the bracket as shown in the drawing detail.

H&L replaceable digging Teeth are **Uniforged®**. Back-up ripper shanks are designed to install on All-Makes of dozers but were designed specifically for Caterpillar dozers. H&L assemblies will consist of the mounting bracket (Box), an alloy and hardened steel pivot rod, two cotter pins, ripper shanks, Tooth, Flexpin®. The bracket has retract position hole for a pin or bolt.

Mounting instructions: when mounting and welding the bracket to the moldboard of the dozer blade, care should be taken to align it so the shanks will dig in-line with the tracks of the tractor. Locate bracket to allow shanks to rip at a depth not to exceed 8.00" below the ground.

H&L Assembly #	A	B	Width	D	Scarifier #	Box No.	Pivot	Retract	Pins
<i>Allis-Chalmers HD-6a</i>									
RB-1792-240ST	22.50"	3.75"	1.62"	9.25"	G-812-24	RH-1792	K-1121	.50"X4.50"	2
RB-1972-F-240ST	24.00"	3.75"	1.62"	9.25"	G-812-F-24	RH-1792	K-1121	.50"X4.50"	2
<i>Caterpillar D-6</i>									
RB-1576-252ST	21.50"	4.25"	2.12"	9.25"	G-188-U-25	RH-1576	K-1124	.75"X5.50"	2
<i>Caterpillar D-9</i>									
RB-1553-A-272ST	30.50"	6.19"	3.19"	10.00"	G-710-27	RH-1553A	K-1117A	K1118	2
RB-1553-B-19ST	26.50"	6.19"	3.19"	10.00"	G-710-D-19	RH-1553A	K-1117A	K1118	2
RB-1553-B-36LST	26.50"	6.19"	3.19"	10.00"	G-710-D-36	RH-1553A	K-1117A	K1118	2
RB-1553-C-19ST	31.50"	6.19"	3.19"	10.00"	G-710-19	RH-1553A	K-1117A	K1118	2
RB-1553-C-36LST	31.50"	6.19"	3.19"	10.00"	G-710-36	RH-1553A	K-1117A	K1118	2
RB-1553-D-19ST	24.00"	6.19"	3.19"	10.00"	G-710-C-19	RH-1553A	K-1117A	K1118	2
RB-1553-E-19ST	40.00"	6.19"	3.19"	10.00"	G-710-E-19	RH-1553A	K-1117A	K1118	2
RB-1553-E-36LST	40.00"	6.19"	3.19"	10.00"	G-710-E-36	RH-1553A	K-1117A	K1118	2
RB-1553-F-272ST	30.50"	6.19"	3.19"	10.00"	G-710-27	RH-1553A	K-1117A	K1118	2
RB-1553-G-272ST	27.00"	6.19"	3.19"	10.00"	G-710-D-27	RH-1553G	K-1117A	K1118	2
RB-1553-G-19ST	27.50"	6.19"	3.19"	10.00"	G-710-D-19	RH-1553G	K-1117A	K1118	2
RB-1553-G-36LST	27.50"	6.19"	3.19"	10.00"	G-710-D-36	RH-1553G	K-1117A	K1118	2
RB-1553-H-272ST	33.00"	6.19"	3.19"	10.00"	G-710-G-27	RH-1553A	K-1117A	K1118	2

Call FACTORY DIRECT **1-800-HL TOOTH** for order inquiries!

1-800-458 6684

www.HLTOOTH.com

Typical Installation for Case 1150C Crawler Tractor

WARNING: Scarifier shank STOPS must be installed on equipment when ripper boxes are placed in the areas of RADIATOR OR HYDRAULIC units that could be damaged by insufficient ripping clearances!

Illustration A

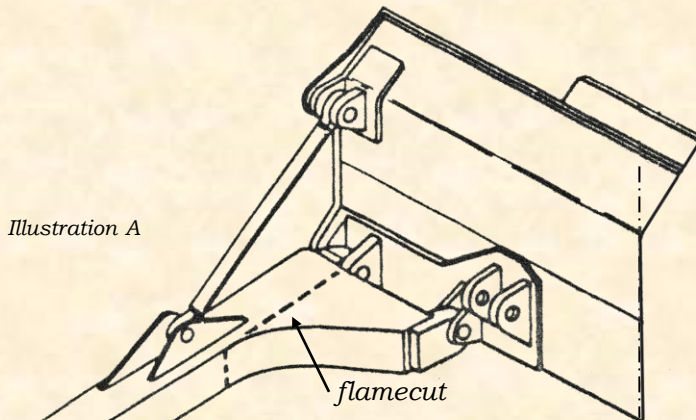


Illustration A

Cut blade push arm along the shown dotted line as noted in illustration and noted as "flamecut".

Illustration B

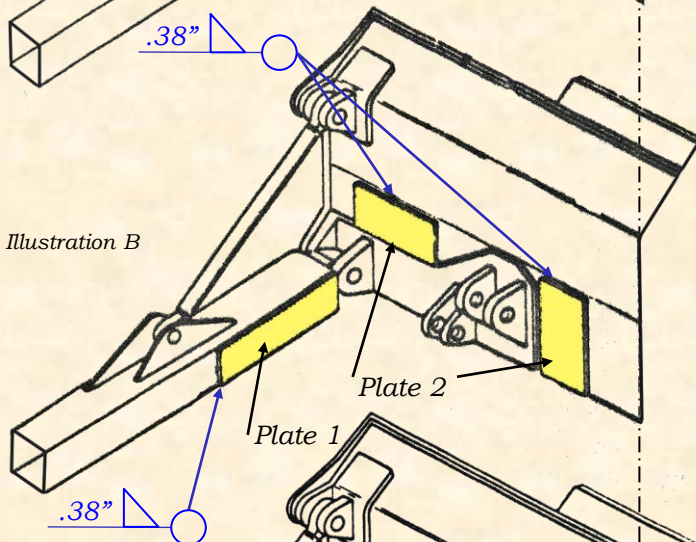


Illustration B

Weld on reinforcing "Plate One" and "Plate Two" as shown in this illustration.

Illustration C

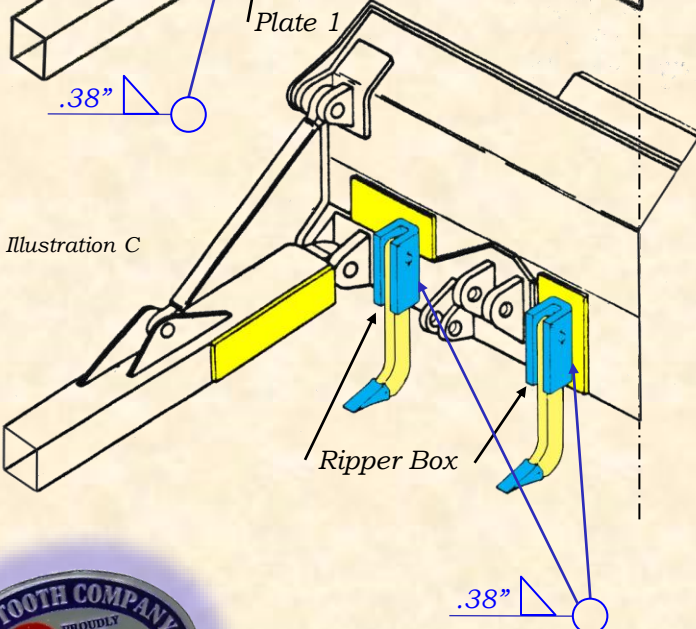


Illustration C

Weld on Back-up Ripper Boxes over the reinforcing plates, as shown in illustration C. Rippers must rest against the top side of the dozer blade when in Stowed Position as indicated in illustration D.

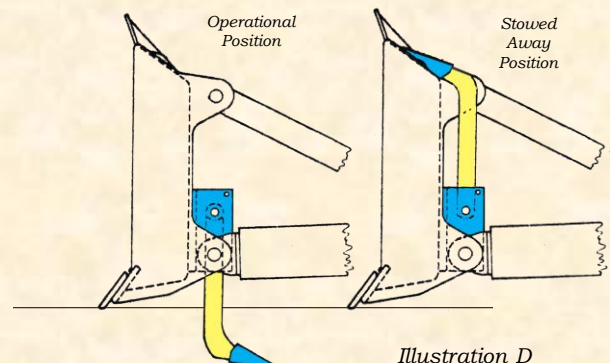


Illustration D

