



Clarewood Pty. Ltd. Trustee For Primary Sales Australia Trust Trading As Primary Sales Australia.  
A.B.N 79 245 186 094 (A.C.N 009 150 476)

**HEAD OFFICE :**

44 MELIADOR WAY  
MIDVALE WA 6056  
Phone : (08) 9250 3500  
Fax : (08) 9250 3600  
perth@primarysales.com.au

**EASTERN AREA OFFICE :**

129 FITZROY STREET  
DUBBO NSW 2830  
Phone : (02) 6882 2844  
Fax : (02) 6882 6419  
dubbo@primarysales.com.au

**WEB SITE : [www.primarysales.com.au](http://www.primarysales.com.au)**

## NH 971 KNIFE GUARD FITTING INSTRUCTIONS

- Undo and remove the Wobble Box Drive bolt from the drive end of both knives.
- Lightly loosen existing Knife Guards and remove both knives.
- **Starting at the Right Hand End** ( When viewed from the Header Drivers Seat ) Remove existing Knife Guards one at a time as you move towards the centre of the header. It is easier if you remove each existing Knife Guard, move its nearest Hold Down Clip to the new location then fit the required Primary Sales Adapt-a-gap Knife Guard ( refer to the drawing ). The Right Hand End Guard starts at the end hole which was not used by the NH guards. The existing Hold Down Clips will need to be moved two holes towards the drive end. The existing support brackets for the skid plates will need to be adjusted one at a time otherwise the skid plate will drop.

**Note :**

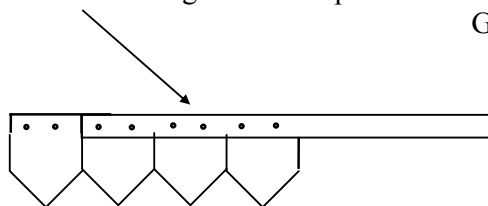
New 7/16" UNC nuts will be required if the original guards were secured by using a rattle gun ( The Rattle gun can cause the bolts to be stripped and nuts deformed beyond use. )

When fitting hold down clips beware bolt and shim locations. It has been noticed that the bolt may need grinding on one side of the bolt head to allow the bolt to clear the bend in the hold down clip. Badly located shims can also twist the hold down causing it to jam. A hydraulic press can be used to flatten the arch of the hold down clips to lift the front and stop the jamming.

- When a length of the Knife Guards are bolted up tight slide a 3mm steel plate through the knife slot to allow adjustment of hold downs and adjustment of knife guards. A mild steel flat bar 65mm wide x 3mm thick x 750mm long is suitable. Continue to slide the steel plate adjusting the guards and hold downs until you are satisfied the knife slot is aligned properly.

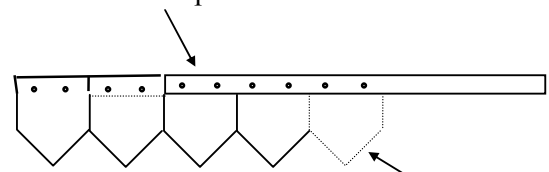
Modify your Right Hand Knife by adding one extra Knife Section. See the drawing and sketch for an explanation of this modification. The modification is required as both knives are not timed so can both be at the outermost position of their stroke at the same time resulting in a central section that will not cut. By fitting the extra knife section you solve this problem.

Remove Existing Guide Strap and add one Knife Section



EXISTING END OF RH KNIFE

Guide Strap riveted back to Knife Spine and onto new Knife Section



New Knife Section

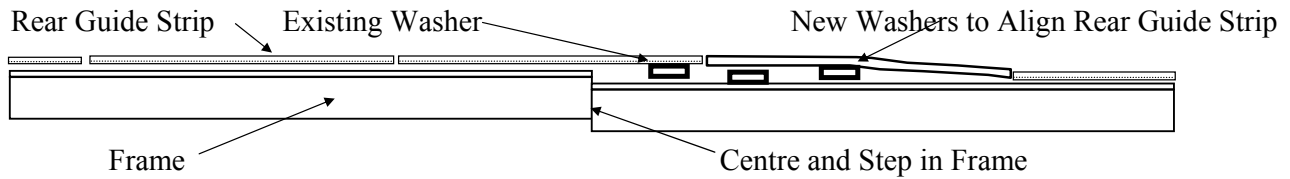
MODIFIED END OF RH KNIFE

- Fit FB 43-3 Knife Guard ( A 1mm shim between the Knife Guard and Angle Frame may help any alignment problems when the Knives slide over each other. ) When Satisfied have two people support and partially insert the RH Knife into its slot.

### **AGRICULTURAL PRODUCTS – DESIGN, DEVELOPMENT, MANUFACTURE & DISTRIBUTION**

"Primary" and "Wundowie-Fabcast" Wear Resistant Conventional and Conservation Tillage Tools - Attachments for Seed and Fertiliser Placement  
Implement Upgrades to Direct-Drill Capacity - Special Purpose Tines - Press Wheels - "Adapt-A-Gap" Crop Finger System - "Vibra-Mat" Live Header Platform Mat.

- **Start at Left Hand End**
- Remove existing Knife Guards one at a time as you move towards the centre of the header as you did with the Right Hand side.
- Slide a 3mm steel plate through the knife slot as previously described and adjust the guards and hold downs until you are satisfied the knife slot is aligned properly. When Satisfied have two people support and partially insert the LH Knife into its slot.
- Adjust the existing Knife Section Rear Guide Strip at your Headers centre where the FB 47-5 ( five finger ) Knife Guard is located by fitting the supplied 3mm thick washers under the Rear Guide Strip ( An existing washer is located under the adjoining Strip as an example) This will allow the extended right hand knife to slide over the left hand knife without jamming.



If you have any Problems Please contact Primary Sales Australia and ask for our Technical Support Staff.

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