SERVICE MANUAL

12HS / 14HS / 16HS / 18HS

Sickle Header

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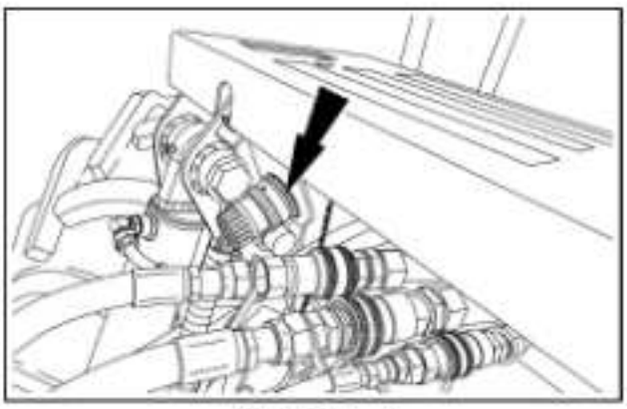
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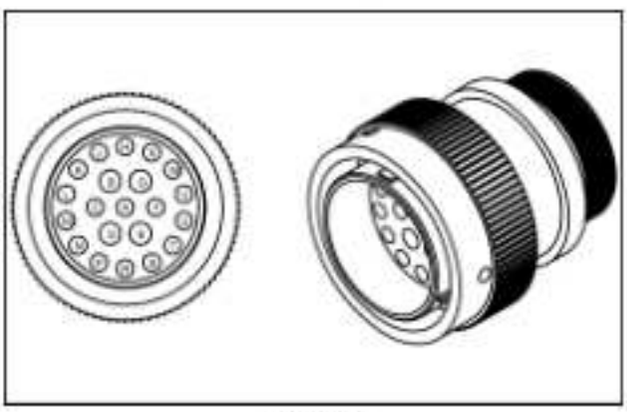
X-192 - Sickle header adaptor harness to windrower (84324036) (Male)

NOTE: *This connector is present only when sickle header adaptor kit is on header for use in self-propelled windrower applications.*



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Connector X-192 is located at the right rear of the header, near the windrower platform (shown connected to windrower).



84324036 2

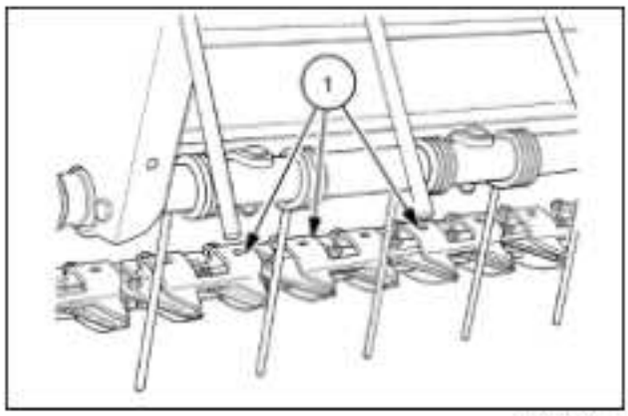
84324036

Pin	From	Wire	Description	Color-Size	Frame
A	**X-335 (Male) pin A**	AD-649	Header flashing lights ground		**SHEET 01**
C	**X-335 (Male) pin B**	AD-583	Left header hazard light supply		
F	**X-335 (Male) pin C**	AD-589	Right header hazard light supply		
H	**X-336 (Male) pin B**	AD-438	Header knife speed sensor frequency input		
L	**X-336 (Male) pin C**	AD-388	Sensor reference ground		

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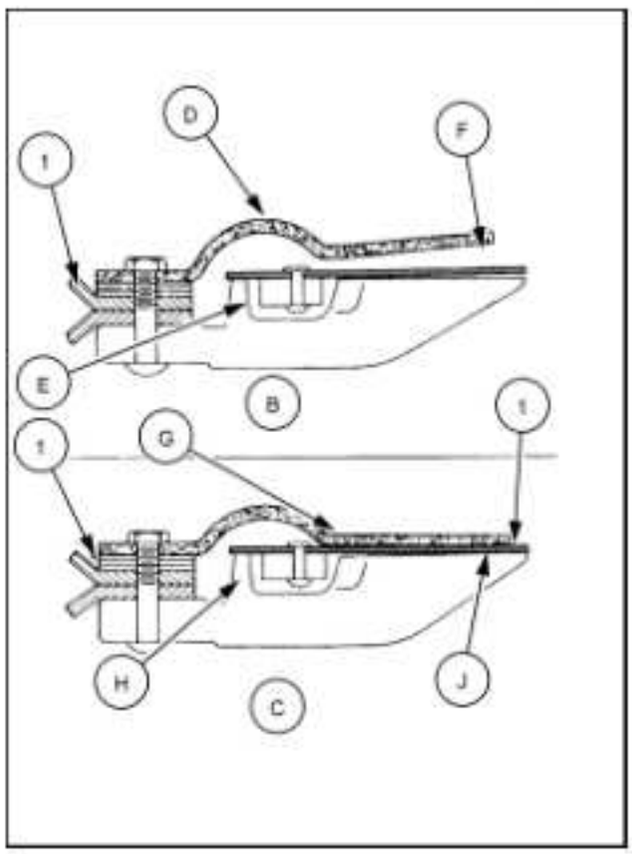
Attachment/Header cutting mechanism - Alignment STUB GUARD ALIGNMENT

The stub guards require a hold-down clip, **(1)**, at each guard, except the special end guards. There is no lip on the guards to assist the hold-down clips in keeping the knife close to the guard ledger surface.
The stub guards should be aligned the same as the standard guards; the knife section should rest on the ledger surface. Remove the knife assembly if the guards require bending up or down.



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Use a straight knife assembly to align the guards and to shim the knife clips. The clearance between the clip and the knife section is adjusted using thin shims, **(1)**, positioned between the cutter bar and the knife clip. The clearance between the knife clip and the knife section should be **0.12 - 0.38 mm** (**0.005 - 0.015 in**). Add or remove shims as required to adjust the clearance; shims are available in **0.25 mm** (**0.010 in**), **0.9 mm** (**0.035 in**), **2.2 mm** (**0.087 in**), and **3 mm** (**0.118 in**) thicknesses.



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(A) Stub guard

(B) Improper guard maintenance

(C) Proper guard maintenance

(D) Clip should be bent down

(E) Back rib on guard worn, back of section too low

(F) Guard tip should be bent up so front of knife section will rest on ledger surface

(G) Clip must hold knife down but should not bind

(H) Rib on guard supports back of knife section

(I) 0 - 0.38 mm (**0 - 0.015 in**)

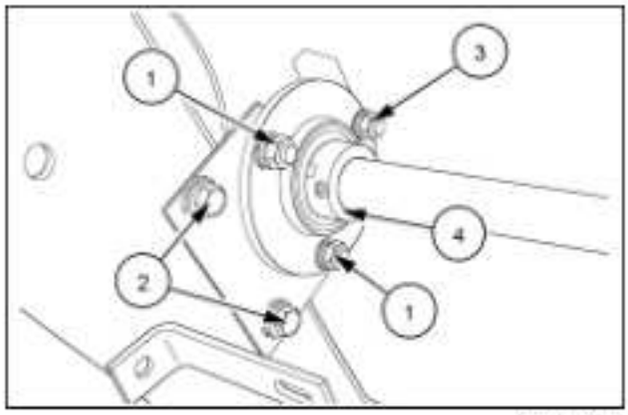
(J) Knife section should rest on front of ledger surface

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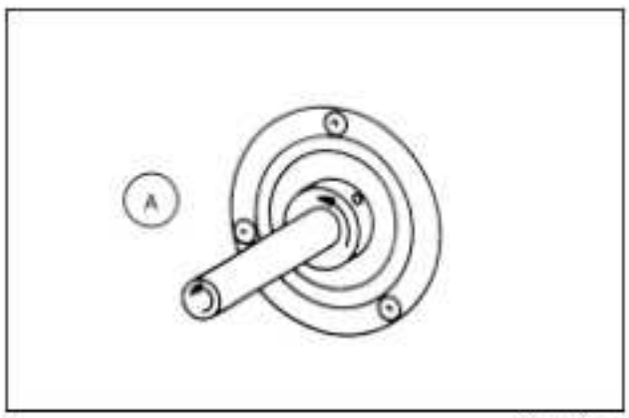
7. Tighten the lower flangette bolts, **(1)**, first.
8. Install the mounting plate and tighten mounting plate bolts, **(2)**, completely.
9. Tighten the top flangette bolt, **(3)**, last.

NOTE: *Failure to tighten the bearing mounting hardware securely could result in shaft failure.*

10. Install the locking collar, **(4)**, on the bearing.

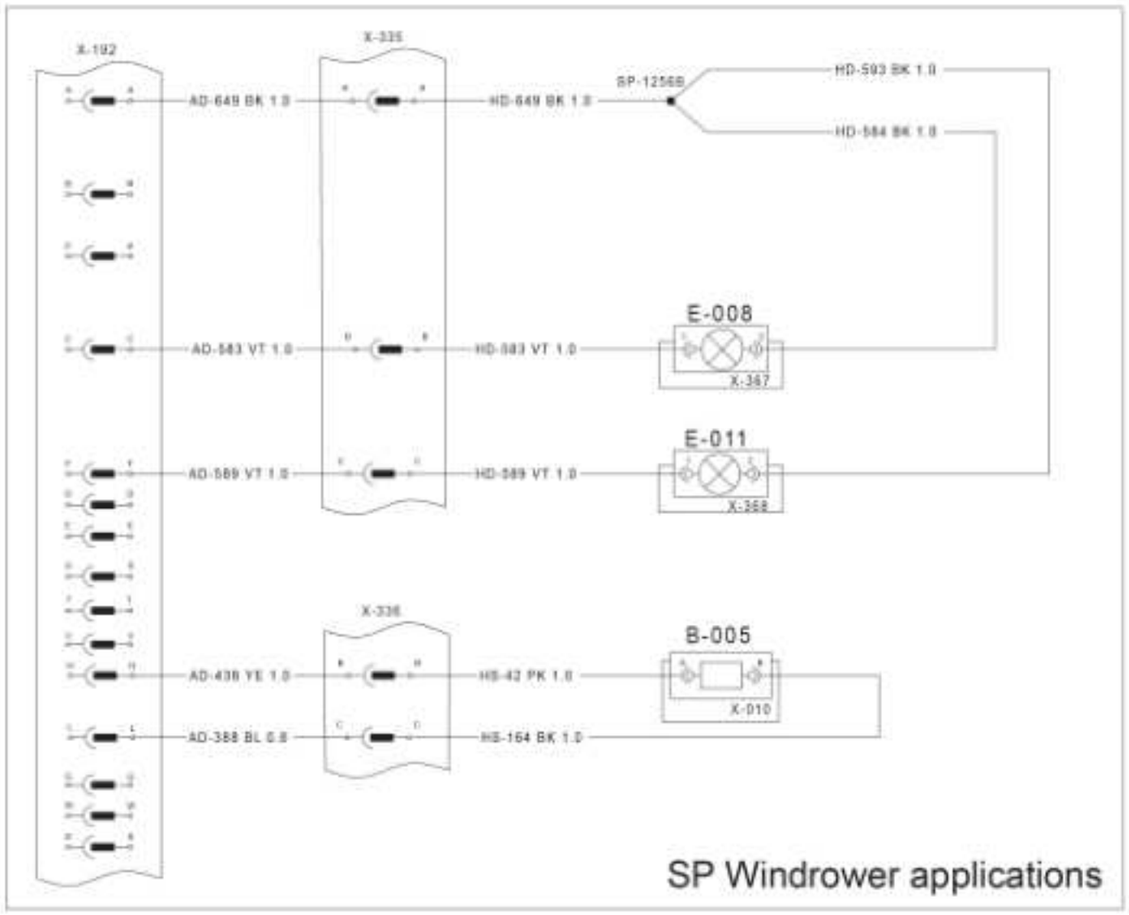


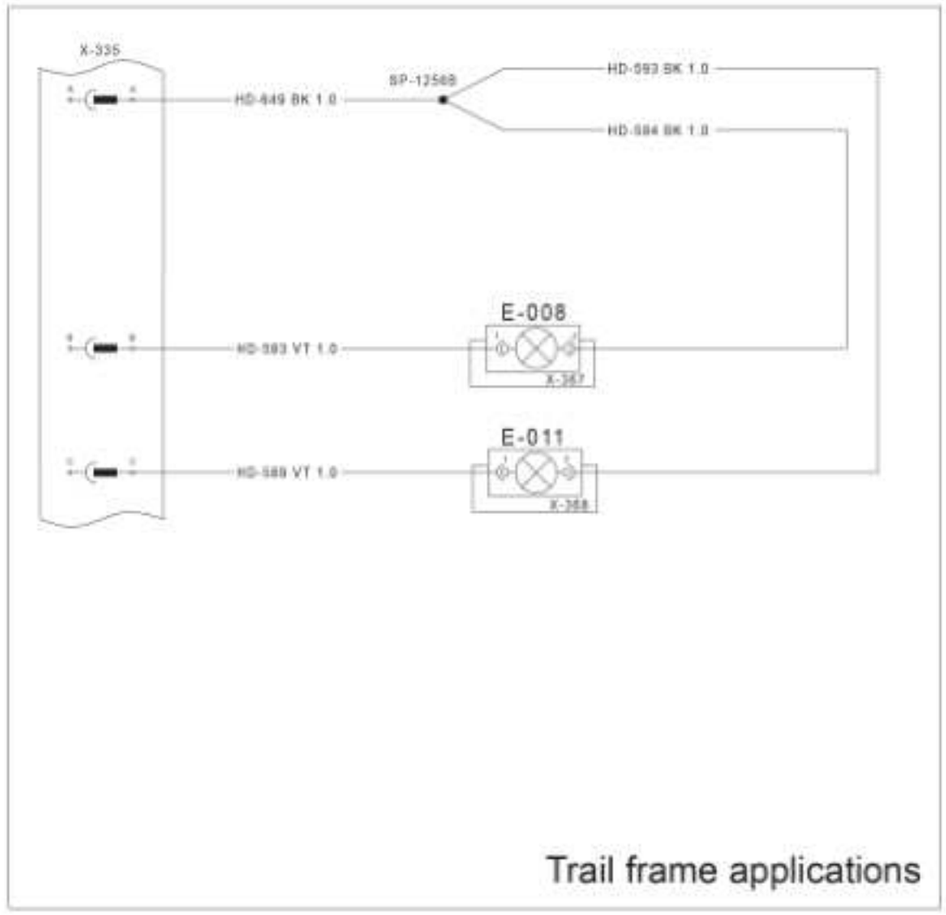
11. Tighten the lock collars in the same direction as auger rotation until it locks the bearing. Then tighten the setscrew.
12. Reinstall all shielding.



(A) Tighten collar

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