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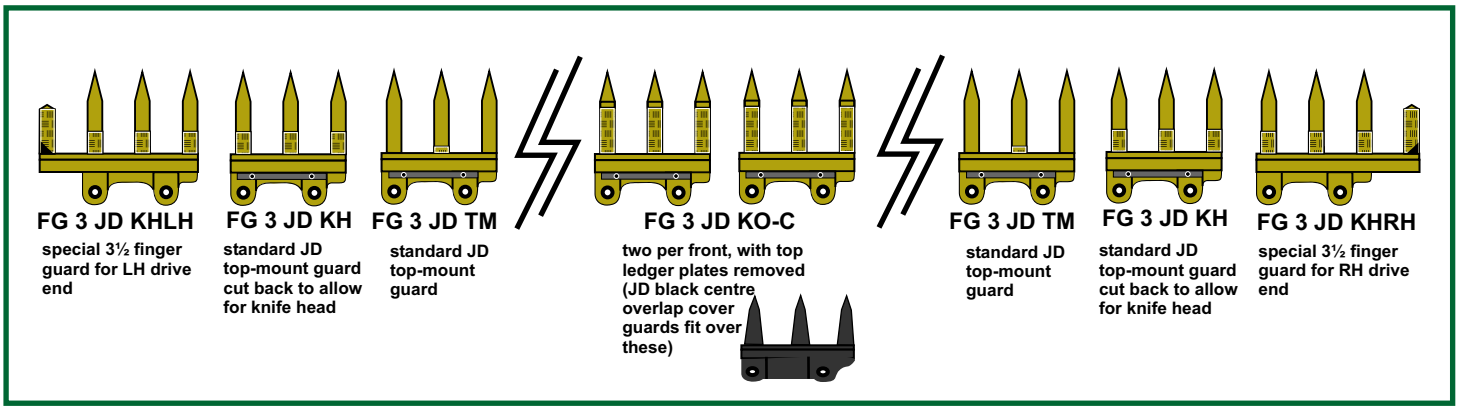
ADAPT-A-GAP LIFT KIT for John Deere 635D (and 640D) fronts

P1 of 2 (See over for fitting guide)

The guard kit comprises:

Top-mount Guards - 64 (or 74) x FG 3JD-TM
Knife head Guards - 1 x FG 3JD-TMKH-LH, and 1 x FG 3JD-TM-RH one at each end , with trimmed upper ledger plates to allow the knife heads adequate clearance & an extra, modified finger closest to each knife head.
- 2 x FG 3JD-TMKH, one next to each of the above, at each end,
Centre overlap Guards - 2 x FG 3JDTM-KOC, with no top ledger plates, for fitting beneath the JD overlap guards.



The lift kit comprises:

Knife Heads - 2 x F-JDD-KH-635, complete with bolt an nylon insert.
Cover strips - Galvanised, with square holes, 7 (or 8) x 1.5m lengths
Bottom Spacer bars - 3mm zinc plated, 9 (or 10) x 1200mm long
Top Filler bars - 5mm zinc plated, 12 (or 14) x 900mm long
Cup head bolts & nuts - 72 (or 82) x 2" x 3/8" (for hold-down clip locations)
Cup head bolts & nuts - 72 (or 82) x 1 ½" x 3/8" (for non-hold-down locations)
Spring Washers - 144 (or 164) x 3/8" for use with cup head bolts & nuts

Fitting guide on next page

Guide Notes For Fitting 2/2

Check to see that you have all the parts outlined above.
Ensure that all fronts that are attached to a header have the safety stand down on the feeder ram, while fitting components to the front.
Mark hold-down clip locations with a suitable pen and mark the centre of the knife crossover location in the centre of the cutterbar where the two special FG 3JD KO-C knife overlap guards will be fitted.
Remove the complete knife assembly from the front. Remove the hold down clips across the front, placing them on the draper belt adjacent to their location.

All these hold-down clips will be reinstalled in the same positions, and be secured using the 2" Cuphead bolts supplied. Remove all knife guards, setting them aside with their bolts and nuts. Inspect the bare knife mounting bar, removing any imperfections, flaking paint, welding slag etc., to ensure a smooth surface upon which to mount the new guards.
Some installers choose to put all the strips in place, loosely secured with a few bolts, before sliding the guards into their locations between the bottom spacer bar and the top filler bar strips and inserting the remaining bolts.
The fitting sequence, from bottom to top is:
1. Original mounting bar
2. Bottom spacer bar (3mm thick bar, round holes) 3. Knife guards
4. Top filler bar (5mm thick bar, slotted holes)
5. Cover strip (pressed sheet, galvanized, square holes)
6. Original hold-downs

Method: Trim any excess cover and filler strips as necessary. Fit the knife guards in the following sequence, tightening bolts and nuts to hand-tight. Starting from one side, replace the single -finger drive-end guard and adjacent guard with the RH or LH four-finger end guard. on the top surface of the front's mounting bar. Follow with one of the KH three finger guards. Continue with normal top- mount guards until you reach the knife overlap location. Instal the two KOC (knife overlap centre) guards at the marked location.
Work to the other end, fitting specials as previously described. Torque knife guard hardware to 55lbft. or 75Nm and make sure guides are resting hard against the mounting bar.
Instal the new knife heads and original knife head straps onto the knives, then slide the knives back into position. locating the knife heads on the collars on the drive box shafts in the same position as the original knife heads.
Replace hold down clips across the front in their original locations. Adjust hold-down clip/knife section clearance to operator's manual specifications.
Run knife by hand. Adjust where necessary until knife runs smoothly.
Run the front on the header. Stop header and remove keys. Check for hot spots on the knife (use a thermal gun for preference) as the knife may run hot, indicating a need for some adjustment.
Check that plastic or steel reel fingers are sufficiently clear of the knife now that the lift kit is installed.

Please call your nearest PSA branch if you need assistance