

FIG. 6: Fixed Speed Header Drive - Power flows from the fixed speed jackshaft through a belt (1) to the header drive countershaft that is mounted under the feeder housing.

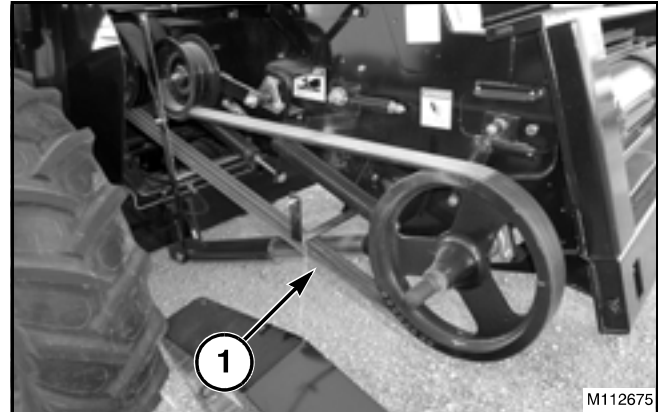


FIG. 6

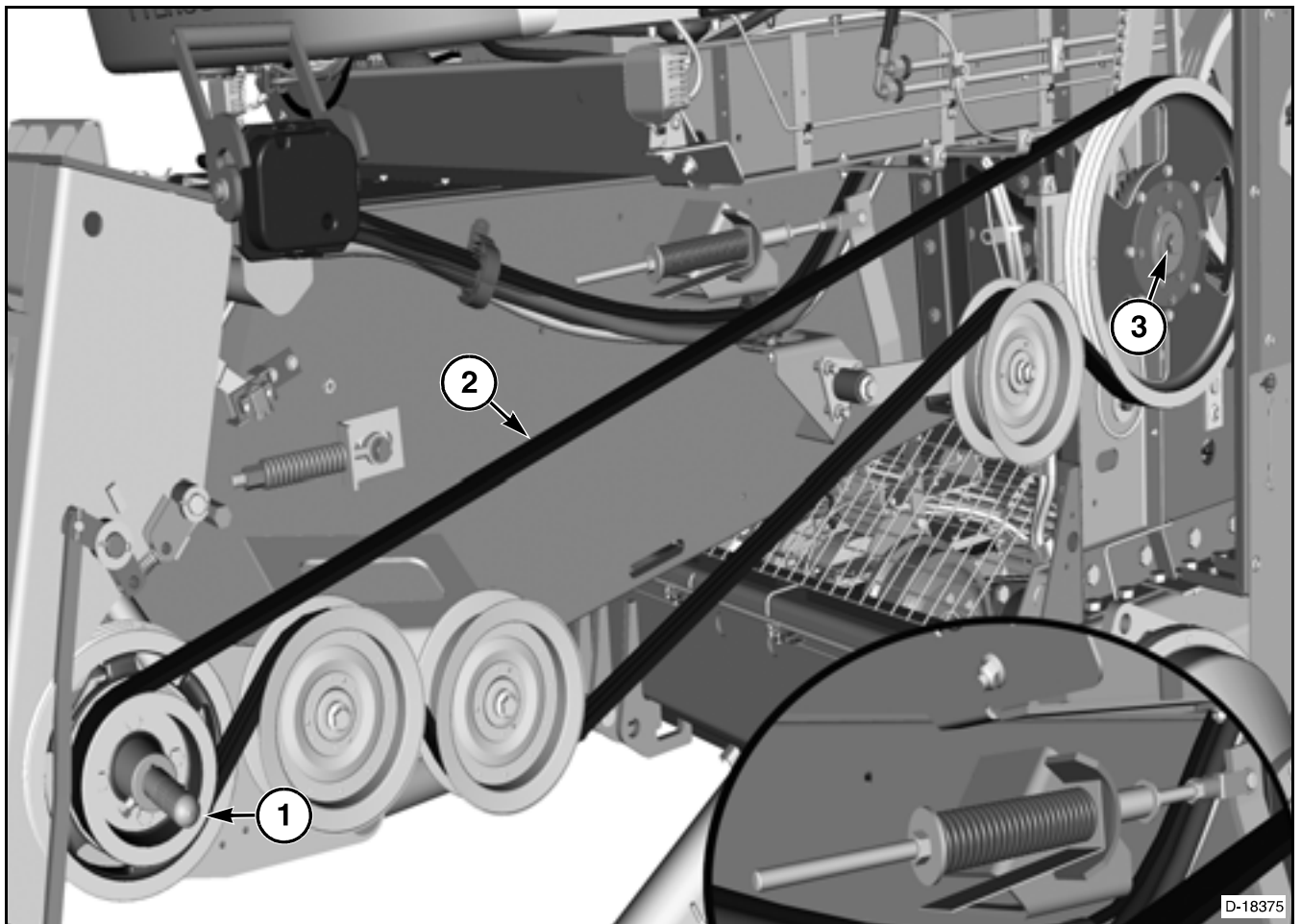


FIG. 7

FIG. 7: The headers are driven from the left-hand (1) and the right-hand ends of the feeder countershaft.

A belt (2), which is driven from the left-hand side of the header drive countershaft, drives the pivot shaft through a jaw type slip clutch. The pivot shaft drives the conveyor chain.

Feeder Housing

FIG. 8: Since the header countershaft is driven from the beater shaft, the threshing mechanism must be engaged before the header and the feeder can be operated. A switch (1) on the console engages and disengages the header and feeder drive through an electromagnetic clutch.

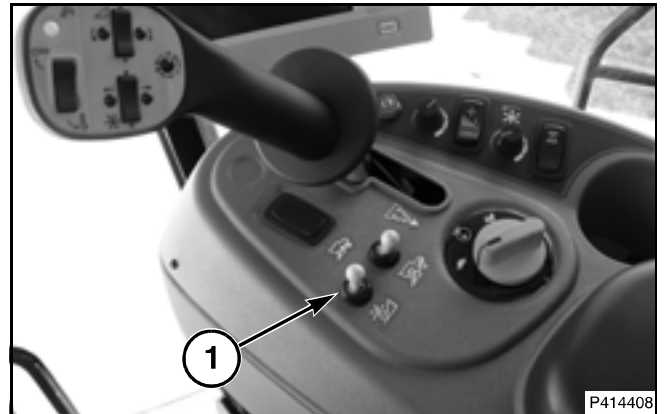


FIG. 8

FIG. 9: The feeder housing must be removed from the main body of the combine to have access to the beater and the rotor inlet areas when service and maintenance procedures are necessary.



FIG. 9

FIXED SPEED COUNTERSHAFT DRIVE BELT

Removal

FIG. 10: Put the feeder housing on the ground or fully extend the header lift cylinders. Position the header lift cylinder stop (1) so that the stop fully contacts and covers three sides of the lift cylinder rod. Lower the feeder housing until the header lift cylinder stop contacts the end of the cylinder.

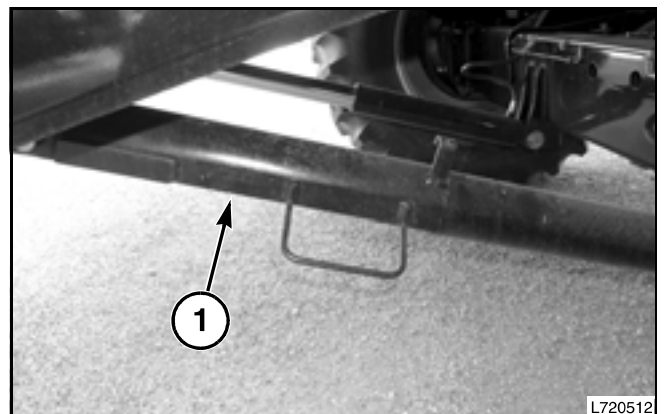


FIG. 10