

INCHING PEDAL CABLE ADJUSTMENT (EHSS)

The inching pedal controls the dump valve, via a control cable, for the hydraulic shuttle shift transmission. When the inching pedal is depressed the dump valve releases all the hydraulic pressure to the transmission hydraulic clutch packs. When the hydraulic pressure is released the forward or reverse drive of the tractor is interrupted.

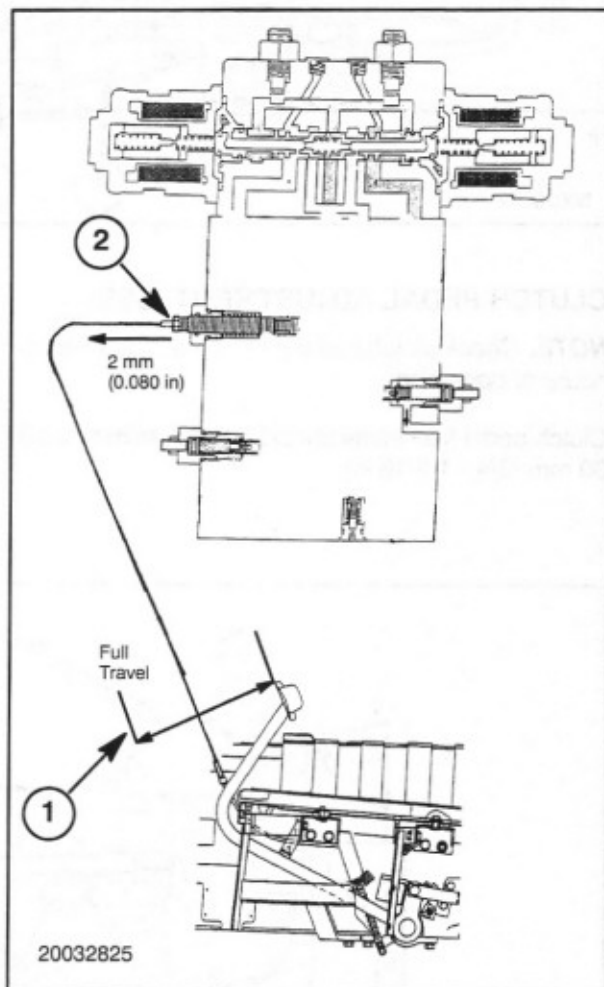
Adjustment Procedure

NOTE: check and adjust maximum inching pedal travel before adjusting dump valve spool travel.

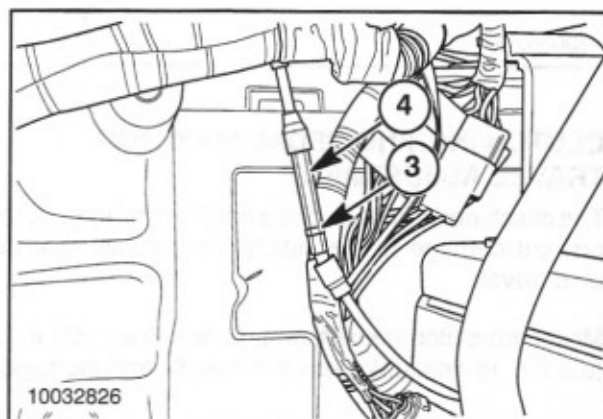
1. Slowly depress the inching pedal to full travel, 1.
2. Remove left steering column side panel and measure dump valve spool travel.
3. Full inching pedal travel equates to a dump valve spool travel, 2, of 2 mm + 0.25 (0.080 in + 0.010).
4. If required, adjust the cable by loosening the lock nut, 3, on the cable at the turnbuckle, 4, and rotate turn buckle to lengthen or shorten the cable as required until the specified amount of cable travel is achieved.

NOTE: If the cable travel is **less** than the specified amount, the dump valve will not be pulled outward enough to stop the oil flow to the shuttle clutch with the inching pedal fully depressed, causing hard shifting of the synchronized (1-4) gears.

If the cable travel is **more** than the specified amount, damage to the cable assembly may occur.



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