

PARTS & SERVICE NEWS

REF NO.	AA01144
DATE	July 11, 2001

SUBJECT: REPAIR OF WORK EQUIPMENT CONTROL LEVER LINKAGE RODS TO AVERT THEIR INTERFERENCE WITH OPERATOR'S FOOT OCCURRING WHEN BRAKE PEDAL IS DEPRESSED

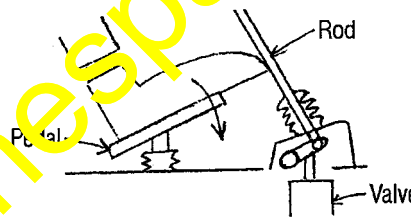
PURPOSE: To introduce modifications to prevent work equipment control lever linkage rods being depressed thereby work equipment being operated erroneously when the brake pedal is depressed

APPLICATION: GD555-3C Motor Grader, S/N 50002 and up
 GD655-3C Motor Grader, S/N 50001 and up
 GD675-3C Motor Grader, S/N 50001 and up

FAILURE CODE: 44D2Z9

DESCRIPTION:

Since there have been cases, with the above motor graders when an operator depressed the brake pedal, where the tiptoe of the operator's boot touched the articulation control lever linkage rod with such strength as to activate articulation, carry over the work equipment control lever linkage rods thereby to prevent the rods from being caught by operator's boots.

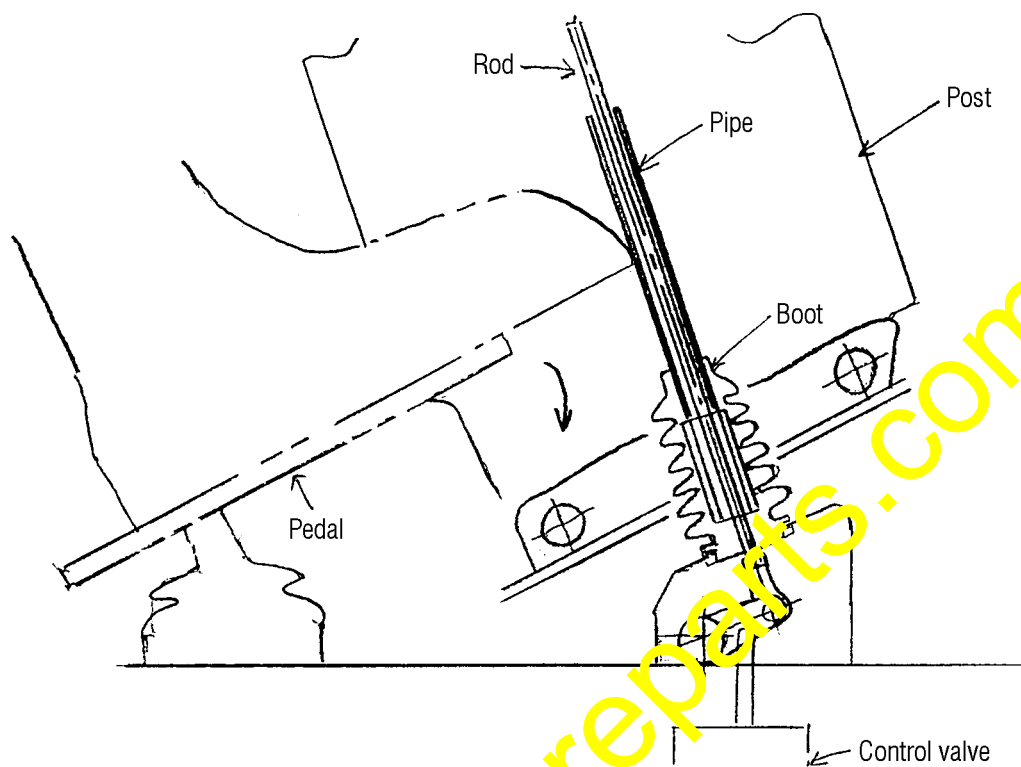


List of parts:

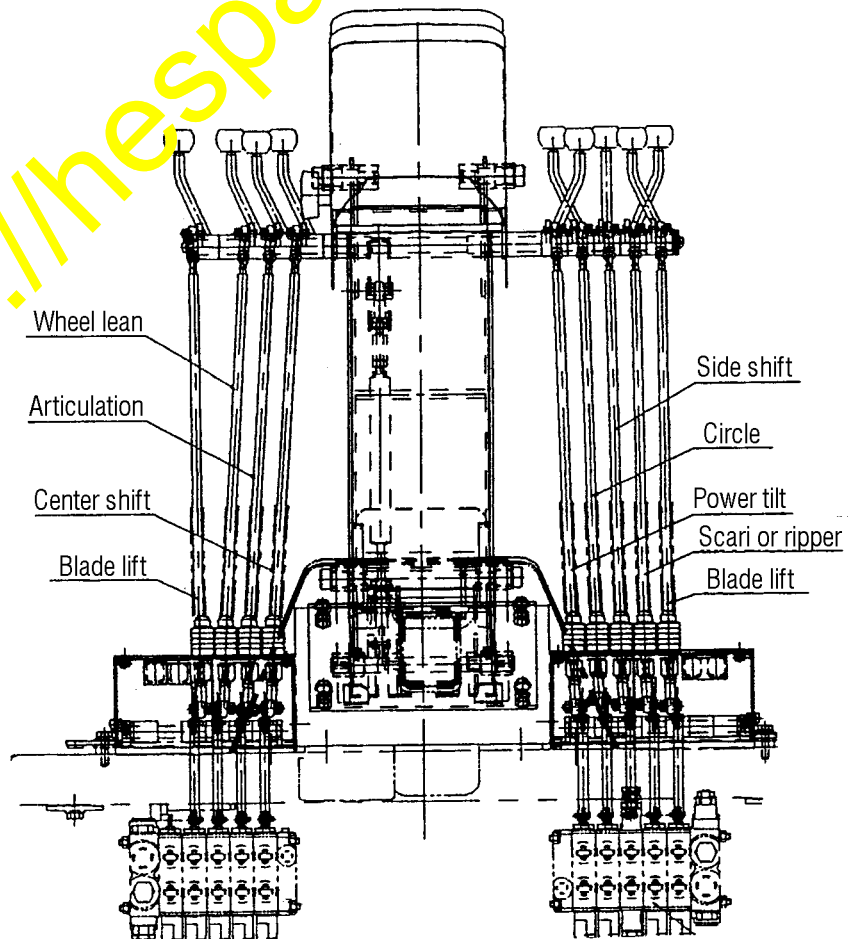
Part No.	Part name	Purpose of Part	Q'ty.	Remarks
23B-43-35880	Pipe	Addition	9	With scarifier or with ripper
07285-00180	Clip		9	

3. Contents of the improvement

- (1) The work equipment control lever linkage rod is to be inserted through a pipe to prevent the rod from being forced to move when the brake pedal is depressed.

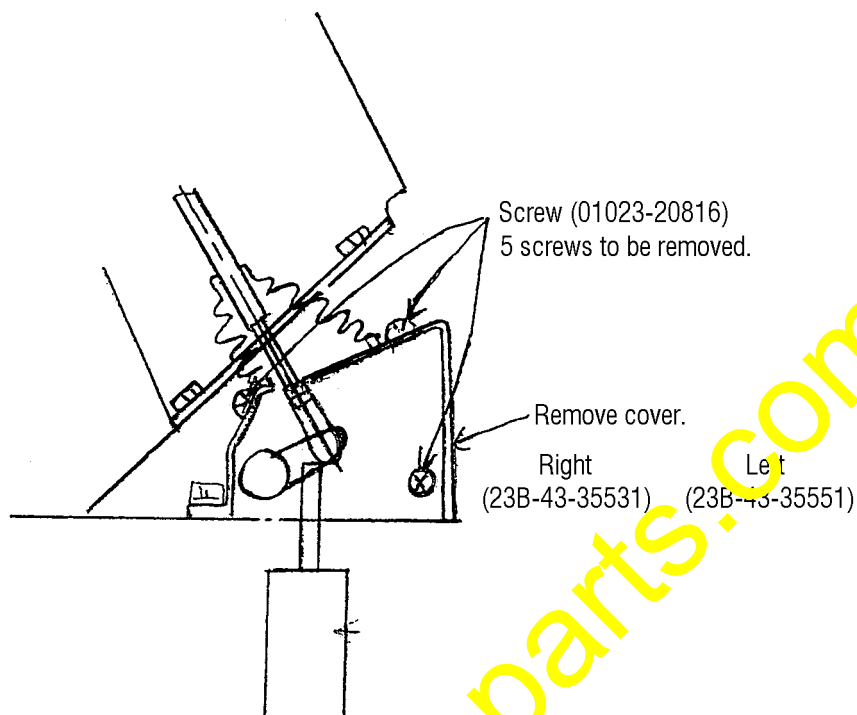


- (2) Locations where pipes to be installed (9 pieces)

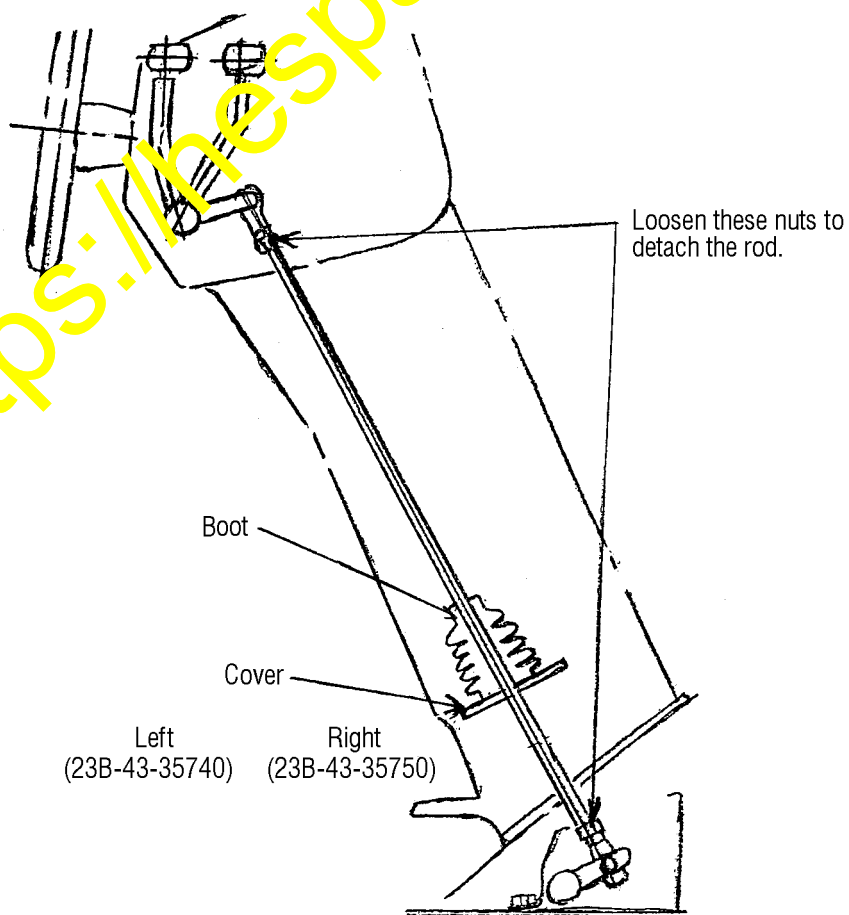


4. Modification procedures

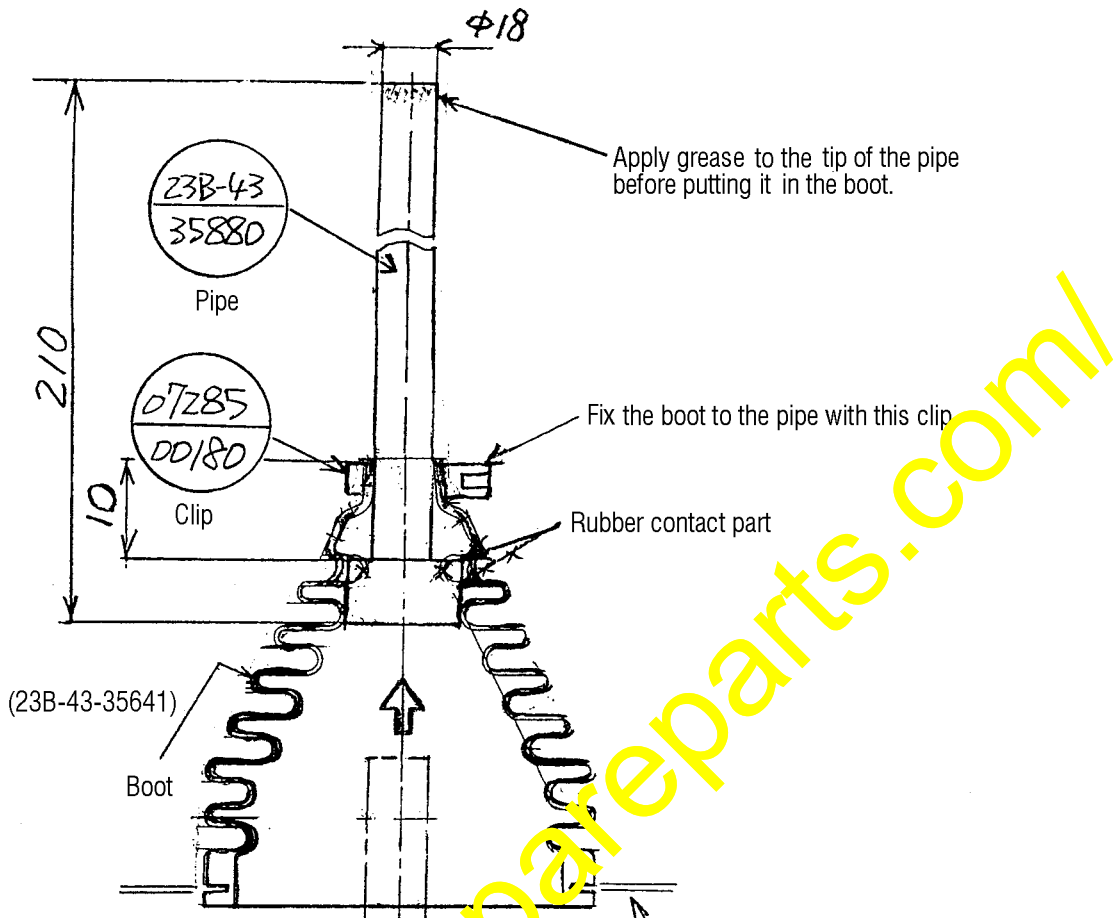
4-1. Loosening mounting screws, remove the work equipment control lever linkage rod cover.



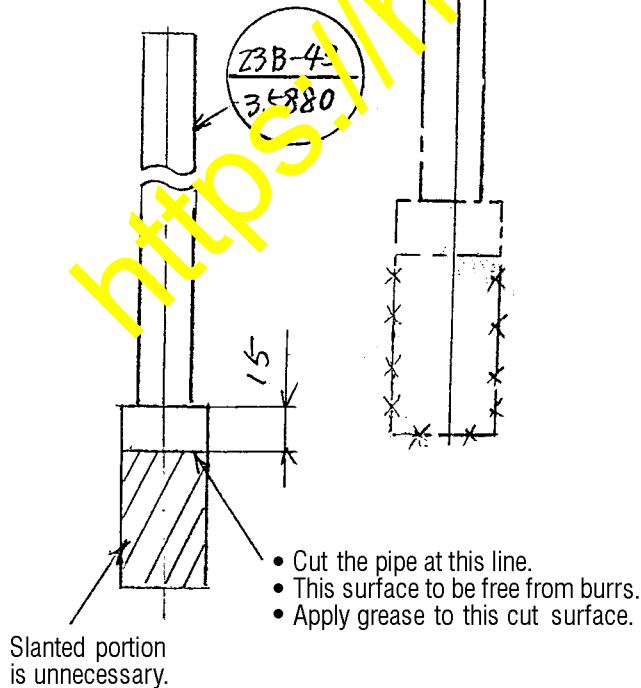
4-2. Loosening the rod fastening nuts, remove the rod with the boot and cover installed on the rod as they are.



4-3. Set a pipe to the boot (all places).



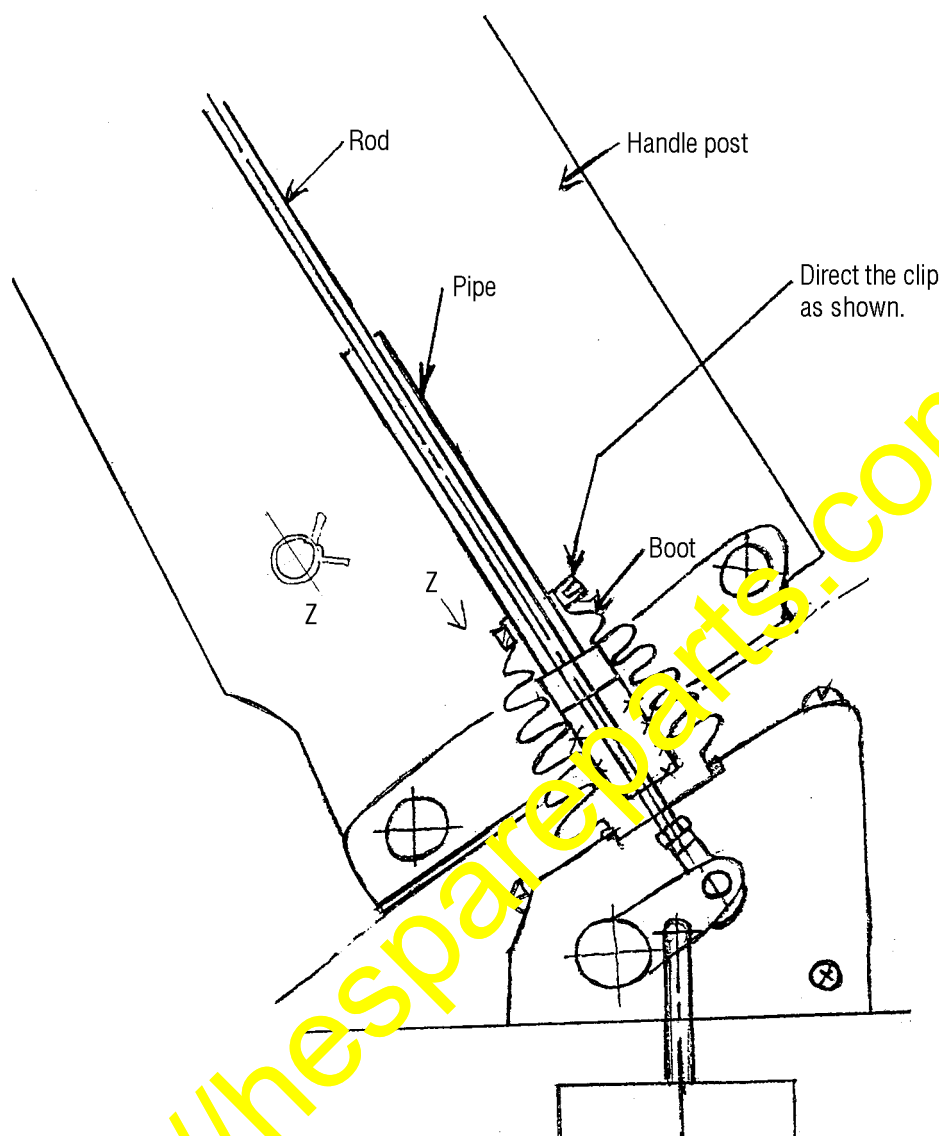
Additional processing of pipe



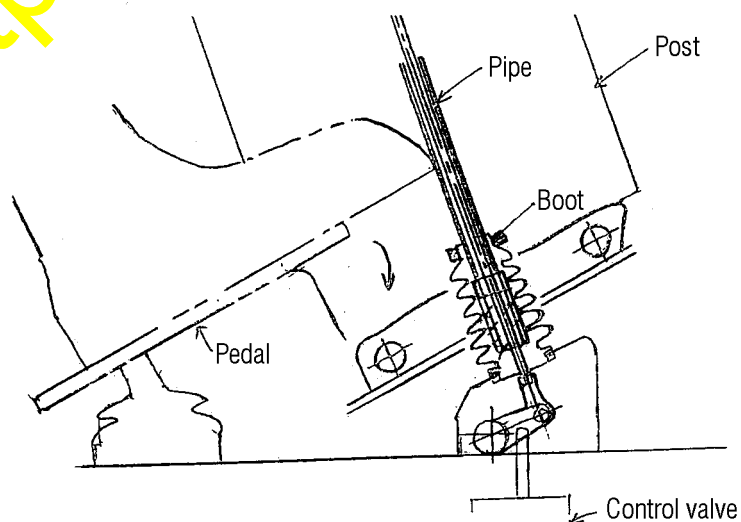
- Remove this cover when inserting pipe in boot.
- Install cover after pipe is set.

(Note:
Some of the pipes have already been finished with the process of cutting and no longer require this additional processing.)

4-4. After setting of pipes to boots is complete, slip the rod through the pipe for restoration.



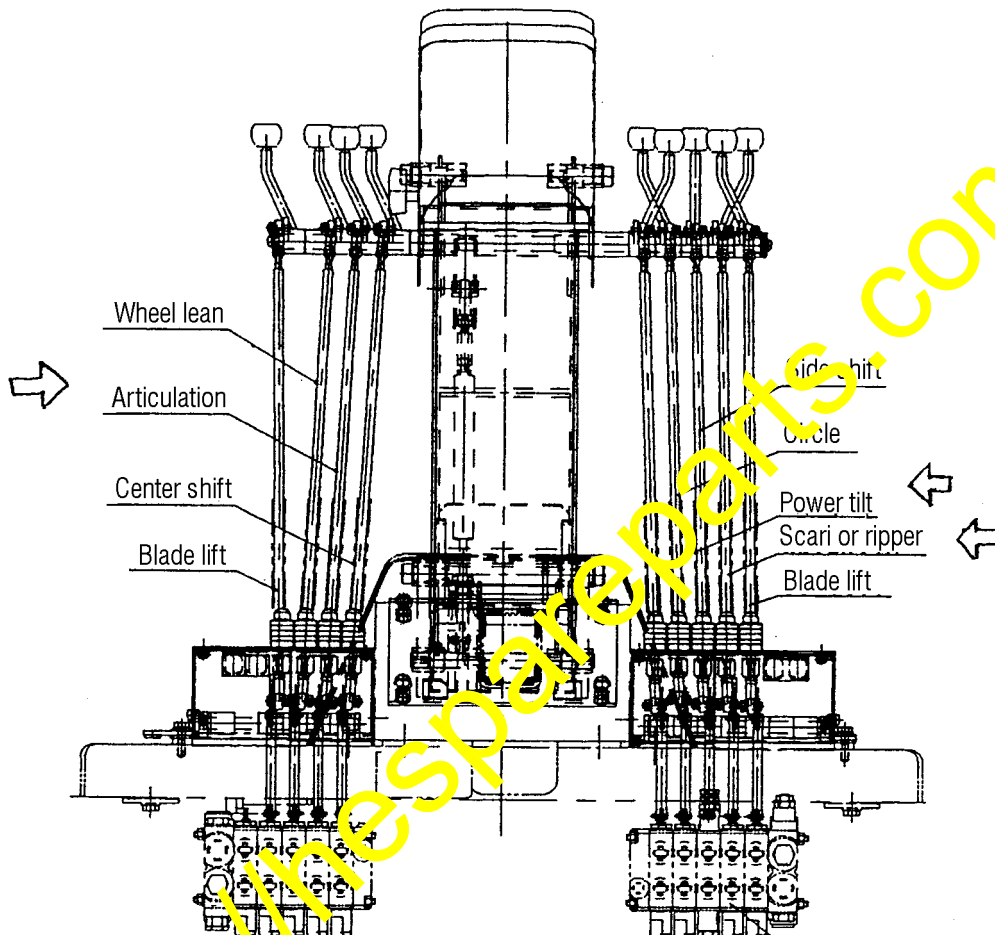
4-5. After restoration is complete, depress the brake pedal while applying your tiptoe to the pipe and confirm that the work equipment control lever does not move.



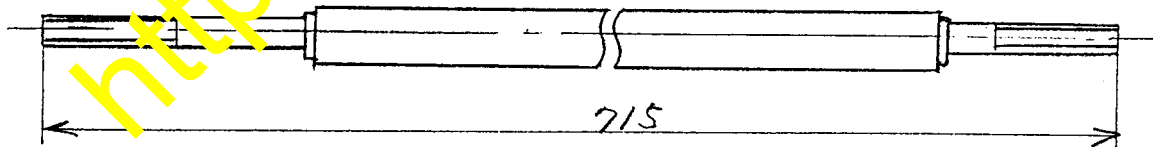
5. Precautions to take during restoration

5-1. Rod length

- (1) Since the rods for articulation, power-tilt, scarifier or ripper are 10 mm longer than the other rods, be careful when reinstalling them.



The rod length for articulation, power-tilt and scarifier/ripper



Length of other rods = 705 (Lean, center shift, side shift, circle, blade lift)

5-2. Adjustment of lever position

- (1) Tilt the steering wheel post fully toward operator's seat before adjusting lever position.
- (2) Adjust levers to the positions as shown below.

