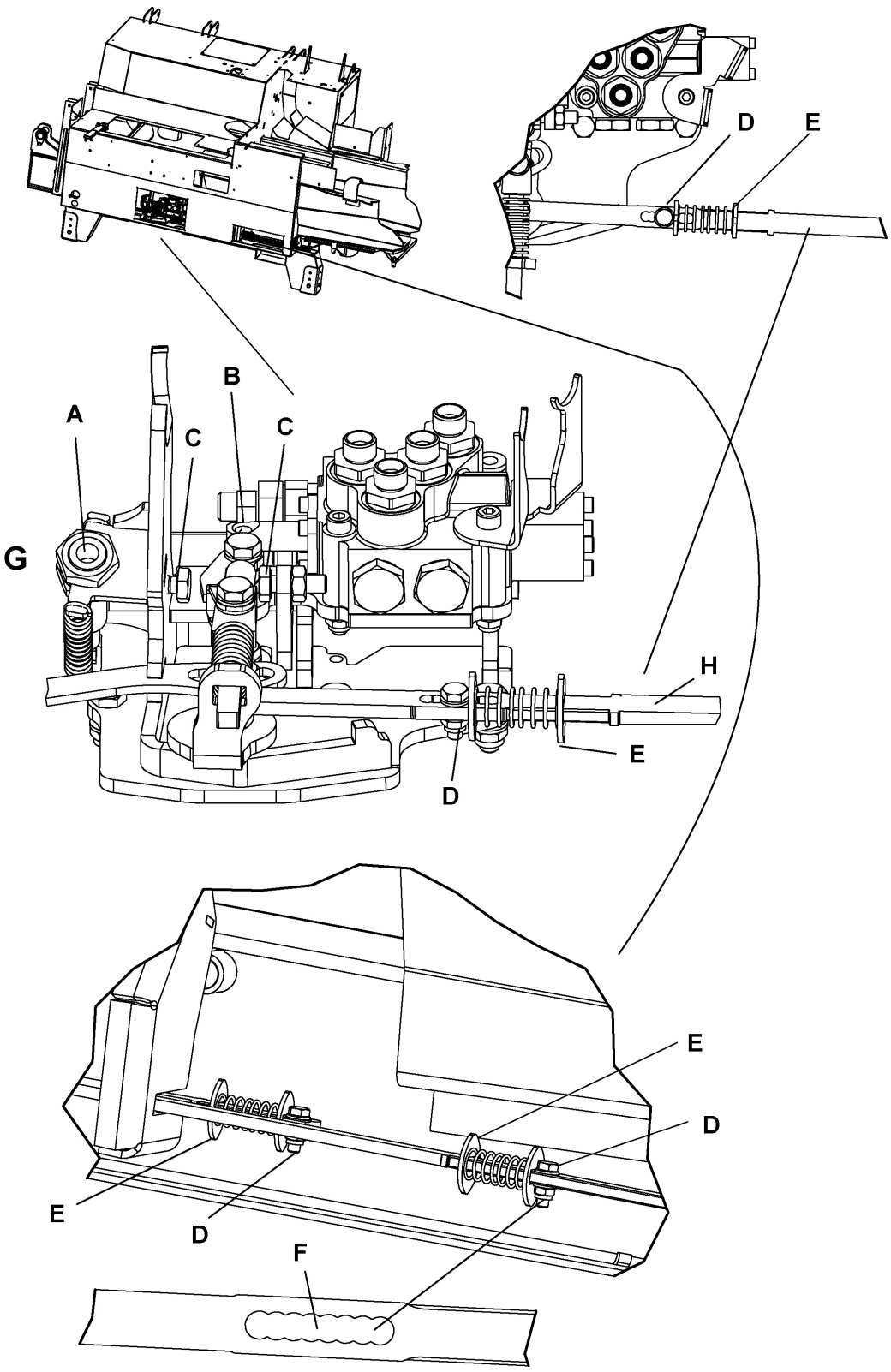
Maintenance and adjustment of splitting mechanism

The splitting mechanism G is accessible thorough the cover as described. Access to impuls transmitter for return movement of splitting ram to the right.



The impulse for activating the stroke movement is transferred via the small hydraulic cylinder A. The Impulse for stop and return of the splitting ram is performed by the rail H and stop washers E. This Impulse is transferred to valve arm B which moves the valve plunger mechanically in 3 positions. Stroke – return - neutral.

The stop signal and signal for return of the splitting ram “comes” from contact with spring loaded washers E. This point of contact can be adjusted by repositioning the screw D in the slot F.

The splitting mechanism is manipulating a hydraulic valve. This valve has 3 positions. A neutral position and a position for each ”working” direction of the splitting ram. Adjust the adjustment screws C so that the outlet length of the valve plunger is correct.

The positions are measured from the end of the valve plunger to the black plastic base of the valve body as illustrated:

- I neutral position the outlet length should be: 44mm
- I working position the outlet length should be: 49mm
- I working position return the outlet length should be: 39mm

It is very important the the mechanism is kept clean and that friction ares are grease lightly in order to reduce wear,