

Drive Cable Breakage By The Control Panel

We have encountered breakage of the drive cable 201028-1 at the control panel.

Control Panel Review:

The lower bail is positioned in a comfortable operator position by using a spring loaded stop on the left side of the control panel. The reason for the Bail Stop Spring is to enable the bail to ALSO fold down to avoid damage for example during transportation.



The one side effect if the Bail Stop Spring is adjusted too loosely is that the bail falls down too easily and it becomes less operator friendly. HOWEVER we have discovered a second side effect that it can cause premature failure of the drive cable for the transmission.

Normally if the bail is pushed down the hook for the cable will slide on the cable as in the picture.



If the cable ball and the hook are “stuck together” the cable can “kink”.



The combination of the bail going past the Bail Stop Spring too easily and a cable that has developed a kink will eventually cause the drive cable to fail at the ball.

Solution:

The first step is to adjust the tension of the Bail Stop Spring so that it will keep the bail in the operating position and yet allow the bail to fold down in the event of a high force pushing it down.

The Bail Stop Spring can be easily adjusted by bending it with a set of pliers.

We also recommend using a small amount of grease on the spring for smooth operation of the bail.



As of 2011 production we have redesigned the end of the cable to avoid the kinking.
The updated cable is automatically shipped as a spare part.
Part number on the updated drive cable: 201028-3

