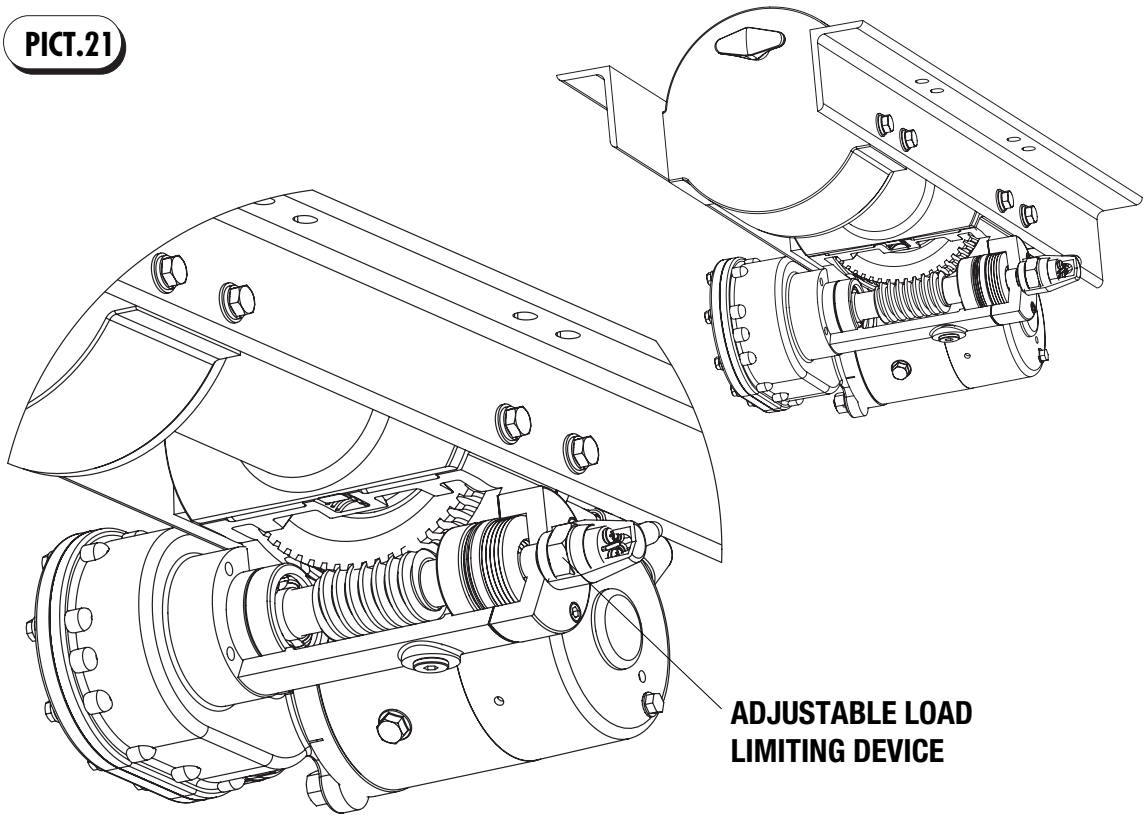
2.7 LOAD LIMITING DEVICE

JE electrical winches are current equipped with limiting load device pre set in according with EN 14492-1.

Load limiting device is adjusted according to the winch max rated line pull at first layer as indicated on the decal.

PICT.21



Load limiting device (pict.21) operates in one cable direction only (reel in rotation). For a correct load limiting device operations, cable must be necessary winded onto the winch drum as previous spooling direction (chapter 2.9).

WARNING

Load limiting device is installed to provide mechanical overload protection as a safety measures. Never attempt to adjust load limiting device set screw. Changing its set by loosening set screw is not a proper winch use and not authorized by VIME.

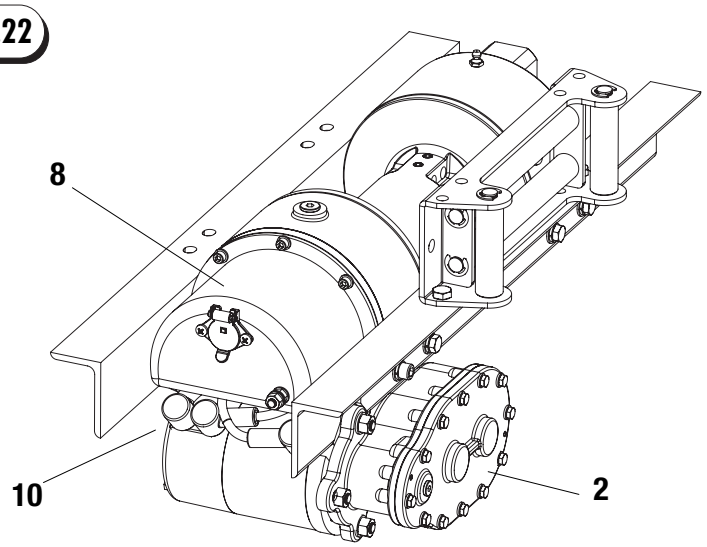
WARNING

VIME has no responsibility for winch, rope damages or serious injures given by modifications made to the load limiting device.

2.8 WINCH CONFIGURATION

JE electrical winches are supplied in standard configuration as shown (pict.22). Looking at the winch side from cover solenoids (8), spure gear housing (2) is mounted on the right and load limiting device (10) is mounted to the opposite side, on the left. This configuration is defined "**DX MOUNTING**" and the winch drum rotation is "**A**" (chapter 2.9.1-2.9.2).

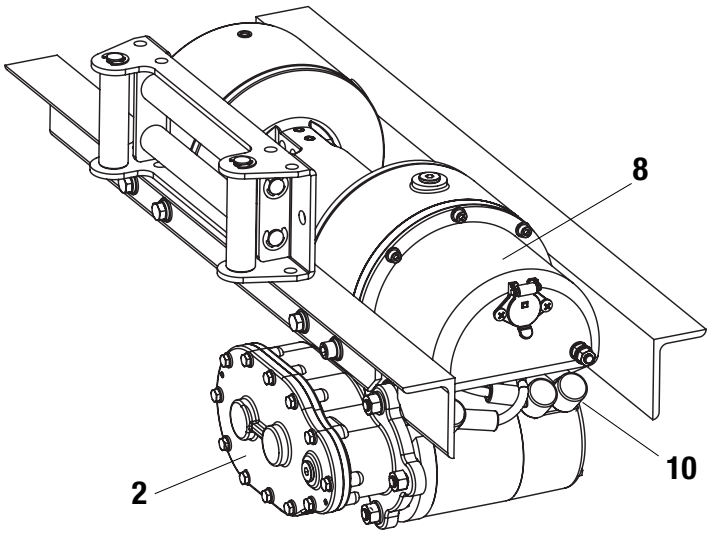
PICT.22



DX MOUNTING
(STANDARD CONFIGURATION)

On request only, is possible to configure the winch as shown (pict.23). Looking at the winch side from cover solenoids (8), spure gear housing (2) is mounted on the left and load limiting device (10) is mounted to the opposite side, on the right. This configuration is defined "**SX MOUNTING**" and the winch drum rotation is "**B**" (chapter 2.9.3-2.9.4).

PICT.23



SX MOUNTIG
(ON REQUEST)

2.9 WINCH DRUM ROTATION

Worm gear electric winches JE are available with two different drum rotations to indicate the different spooling direction of the rope, “A” (pict.24-25) or “B” (pict.26-27). If not indicated in the purchase order it is always intended as “A” rotation. It is possible change from “A” rotation to “B” rotation (and vice versa) by contacting VIME; drum rotation can be changed by authorized personnel only .

2.9.1 “A” ROTATION (over drum)

WARNING

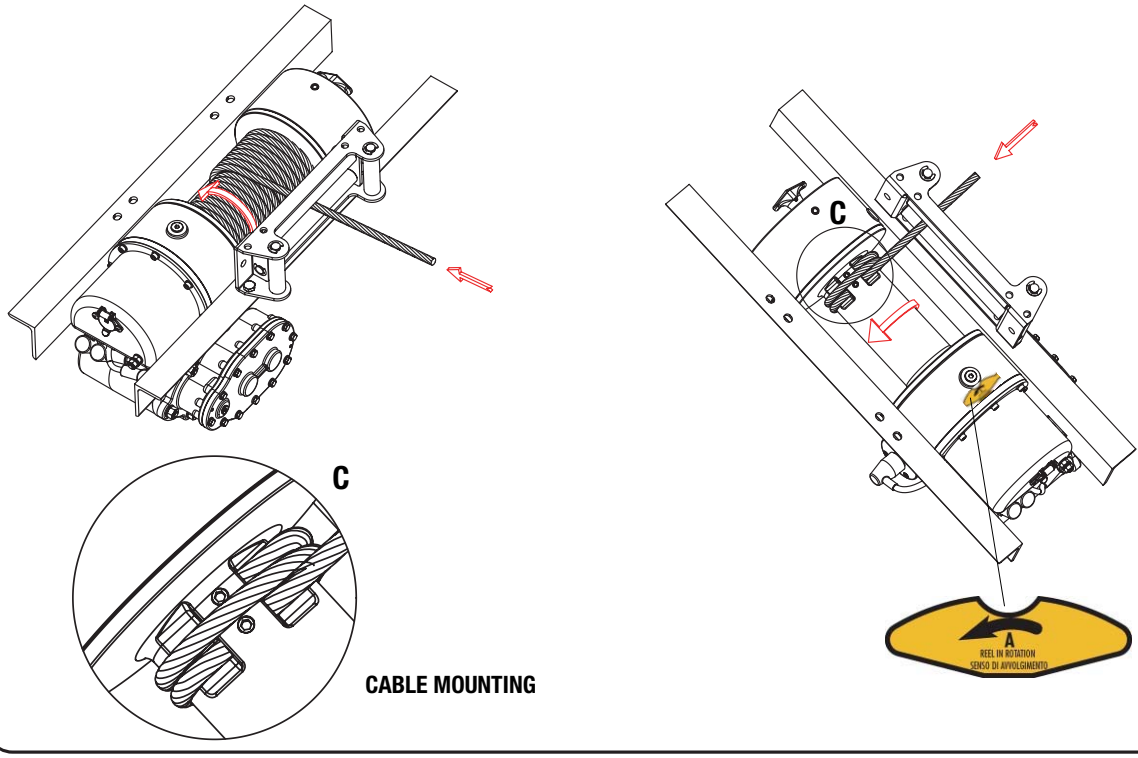
Cable must be winded onto the winch drum (A rot.) as shown in (pict.24). Cable mounting must be executed as shown in detailed view (C) and by following instructions in chapter 2.10.

WARNING

Utilize the winch with the cable winded in the wrong way not enable to operate the load limiting device or could stop the winch in pay out direction.

PICT.24

“A” ROTATION - CABLE SPOOLING OVER DRUM (EQUIPPED WITH ROLLER FAIRLEAD)



CABLE MOUNTING

2.9.2 “A” ROTATION (under drum)

WARNING

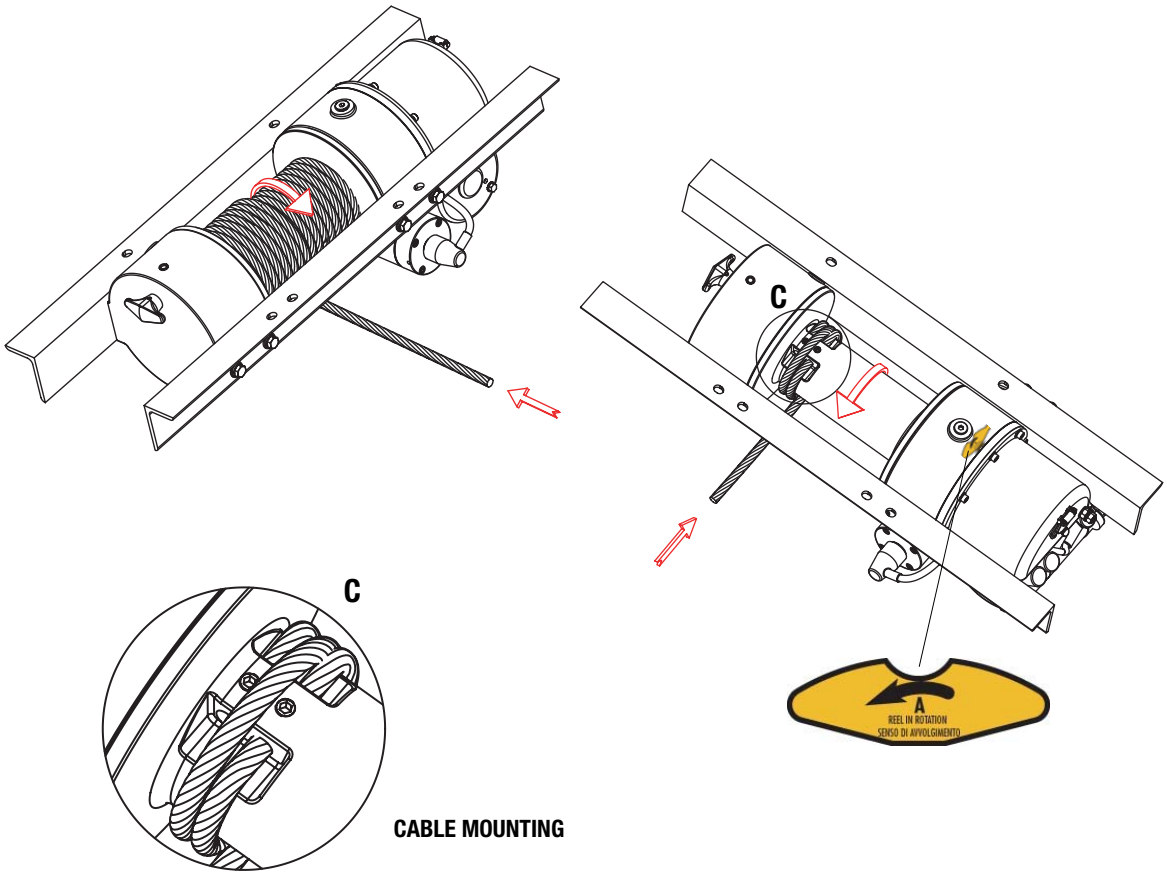
Cable must be winded onto the winch drum (A rot.) as shown in (pict.25). Cable mounting must be executed as shown in detailed view (C) and by following instructions in chapter 2.10.

WARNING

Utilize the winch with the cable winded in the wrong way not enable to operate the load limiting device or could stop the winch in pay out direction.

PICT.25

“A” ROTATION - CABLE SPOOLING UNDER DRUM (EQUIPPED WITHOUT ROLLER FAIRLEAD)



CABLE MOUNTING

2.9.3 “B” ROTATION (over drum)

WARNING

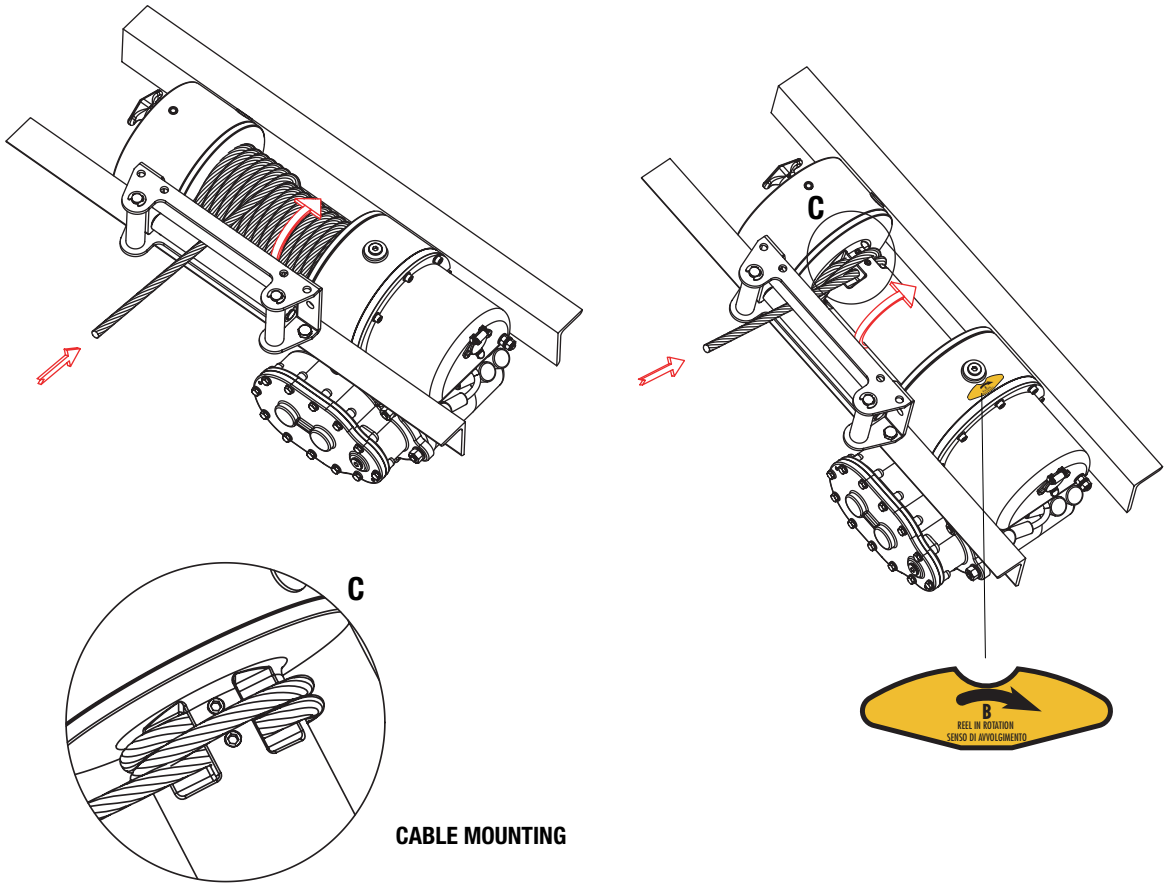
Cable must be winded onto the winch drum (B rot.) as shown in (pict.26). Cable mounting must be executed as shown in detailed view (C) and by following instructions in chapter 2.10.

WARNING

Utilize the winch with the cable winded in the wrong way not enable to operate the load limiting device or could stop the winch in pay out direction.

PICT.26

“B” ROTATION - CABLE SPOOLING OVER DRUM (EQUIPPED WITH ROLLER FAIRLEAD)



CABLE MOUNTING

2.9.4 “B” ROTATION (under drum)

WARNING

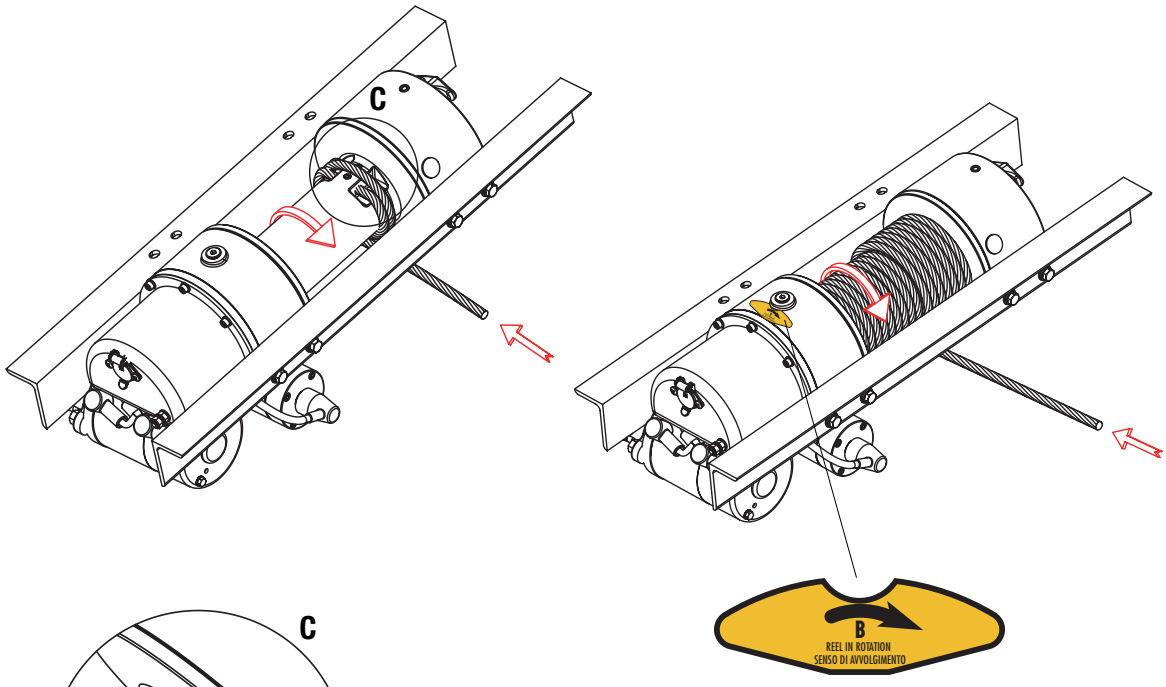
Cable must be winded onto the winch drum (B rot.) as shown in (pict.27). Cable mounting must be executed as shown in detailed view (C) and by following instructions in chapter 2.10.

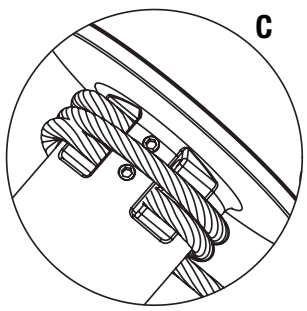
WARNING

Utilize the winch with the cable winded in the wrong way not enable to operate the load limiting device or could stop the winch in pay out direction.

PICT.27

“B” ROTATION - CABLE SPOOLING UNDER DRUM (EQUIPPED WITHOUT ROLLER FAIR LEAD)





CABLE MOUNTING