

How to measure for new Multiflex Steering Cable Installation:

Once you have selected the Steering System, it is now required to measure the length of the required Steering Cable. Each boat has a specific requirement of Cable length which depends on the length of the boat and the routing of the cable.

The required Steering Cable length should be measured as below:

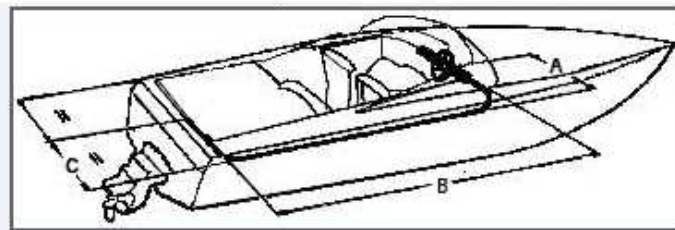
Measure the dimensions : A, B, and C in centimetres.

Ascertain whether the cable installation is :

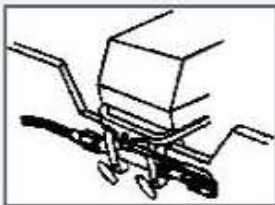
- Through Engine Tilt Tube
- Transom Support
- Splashwell Mounting

Use the following method for calculating the Steering Cable Length :

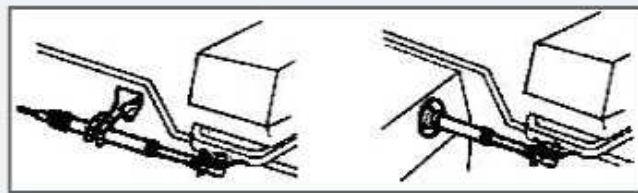
For Measuring New Cable Installs:



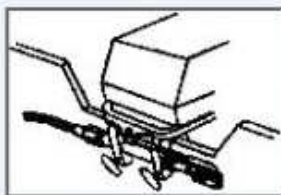
(Diagram 1)



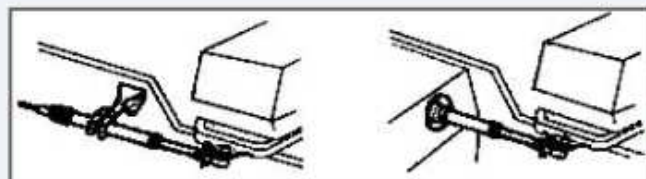
(Diagram 2)



(Diagram 3)

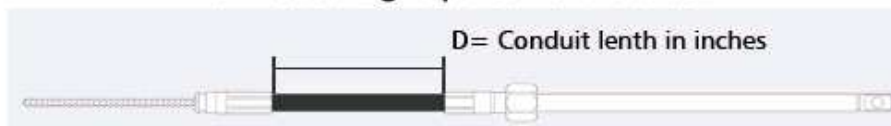


(Diagram 2)



(Diagram 3)

For Measuring Replacement Cables:



1) For Installation through Engine Tilt Tube :

Add dimensions $A + B + C$

Add 30.5 cm to the above figure.

Subtract 10cm of the above total for each 90 degree bend in the cable routing

You have the required length of the Steering Cable in centimetres. If you wish to order in feet, divide the above calculated length by 30.5 and round the figure to next feet.

For Example:

If A = 100cm, B = 200cm, C = 60cm.

Assume there are two 90 degree bends in the routing.

The length of the required cable shall be : $100 + 200 + 60 = 360$

Subtract 20cm on account of two 90 degree bends $360 - 20 = 340$

Add 30.5 on account of Tilt tube installation $340 + 30.5 = 370.5$ cm

For cable length in feet : $370.5 / 30.5 = 12.14$ [Round off = 13 feet]

2) For Splashwell Mounting and Transom Support installation (Diagram 2 & 3) :

Add dimensions A + B + C

Add 30.5 cm to the above figure.

You have the required length of the Steering Cable in centimetres. If you wish to order in feet, divide the above calculated length by 30.5 and round the figure to next feet.

For Example:

If A = 100cm, B = 200cm, C = 60cm.

Assume there are two 90 degree bends in the routing.

The length of the required cable shall be : $100 + 200 + 60 = 360$

Subtract 20cm on account of two 90 degree bends $360 - 20 = 340$

Add 30.5 on account of Tilt tube installation $340 + 30.5 = 370.5$ cm

For cable length in feet : $370.5 / 30.5 = 12.14$ [Round off = 13 feet]

Subtract 10cm of the above total for each 90 degree bend in the cable routing

Note :It is advised to consult a qualified technician while selecting, installing or servicing the Steering System on your boat.

How To Measure For Replacement Steering Cable

Measure dimension D which is the conduit length on the existing cable .

Length of Cable to be ordered : "D" Dimension +22 inch

To order in foot length, divide length by 12 and round up to next whole foot

Example: $D=150$ inch + 22 inch = 172 inch

Divide by 12 ($172/12= 14.33$ ft) Round up to 15 ft.