

Step By Step Directions to Change A Cam & 1/2 Bow String and Cables



Step #1

Select a bow press that is made to fit the bow you are working on.



Step #6

Unhook string from bottom cam string post.



Step #2

Make basic adjustments on press to fit the bow you are working on.



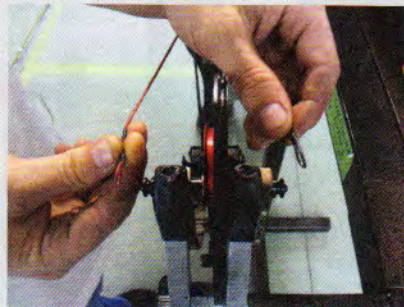
Step #7

Do not reinstall string until cables have been removed.



Step #3

Insert the bow into press.



Step #8

Unhook both yoke from Buss cable.



Step #4

Put tension on bow until string and cable are removable. Be careful not to put too much tension on limbs.



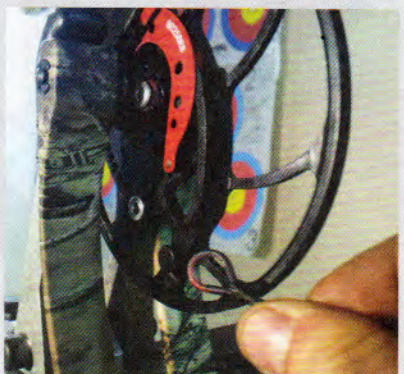
Step #9

Unhook Buss cable from cable slide or roller guard.



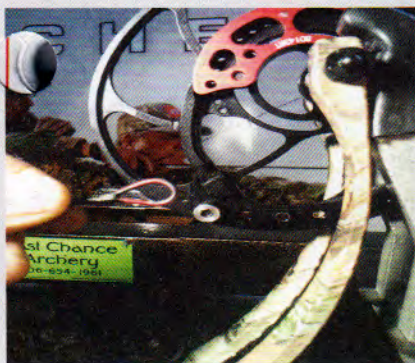
Step #5

Unhook string from top cam string post.



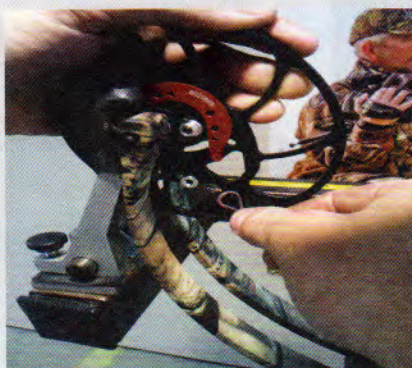
Step #10

Unhook bottom end loop on Buss cable.



Step #11

Unhook top of control cable from cable post.



Step #16

Hook Bottom of buss cable to bottom cam post.



Step #12

Unhook control cable from cable slide or roller guard.



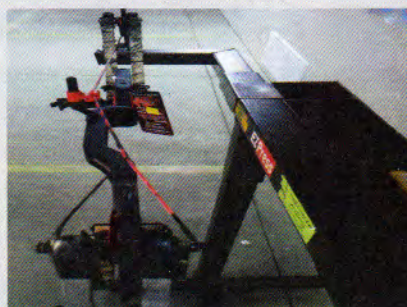
Step #17

Hook buss cable into cable slide or roller guard.



Step #13

Unhook bottom of control cable.



Step #18

When hooking cables into cable slide keep in mind that the cables need to cross below the cable guard.



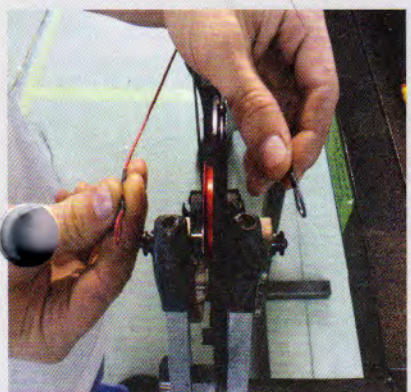
Step #14

You are ready to restring your bow.



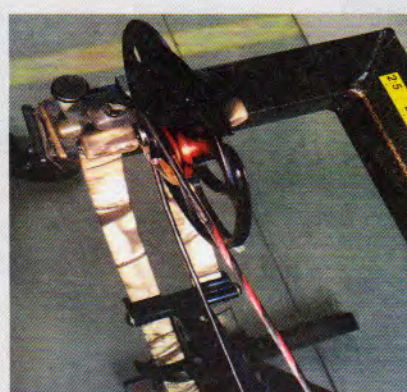
Step #19

Hook control cable on bottom cam cable post.



Step #15

Hook buss cable yoke legs to axle posts.

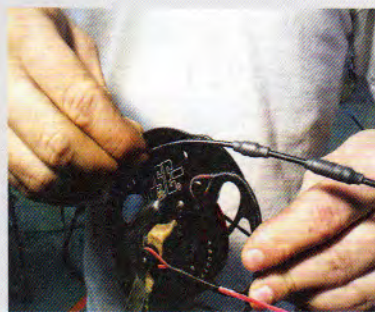


Step #20

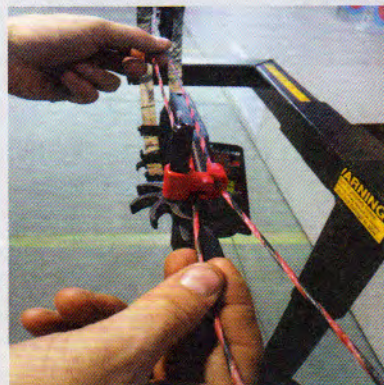
Make sure the control cable is laying in cam track correctly.



Step #21
Hook control cable on
top cam cable post.



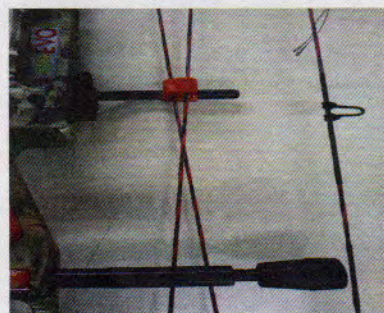
Step#26
Make sure string is laying
in cam track correctly



Step #22
Hook control cable into
cable slide/roller guard.



Step #27
Pull string tight as tension
is released on bow. Make
sure all strings are laying
in track correctly.



Step #23
Cross cables accord-
ing to bow manufactur-
ing specifications. **Make
sure cables do not rub
against each other....**



Step #24
Hook string on top cam
string post.



Step #25
Hook string on bottom
cam string post.

Congratulations
You have
Completed your
Set up

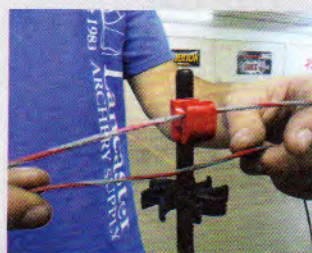
WARNING: Take extreme care not to lose twists on string!!!!!! •

Step By Step Directions to Change A (Solo Cam) String and Cable



Step#1

Select the correct bow press for your bow.



Step#7

Take string out of cable slide / roller guard.



Step#2

Adjust press to fit your bow.



Step#8

Unhook string of bottom cam post.



Step#3

Insert your bow into the press.



Step#9

Unhook buss cable of bottom cam post.



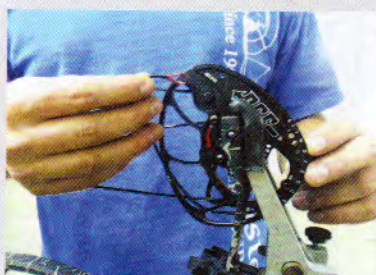
Step#4

Put tension on bow till string and cable are removable. Be careful to not put too much tension on limbs.



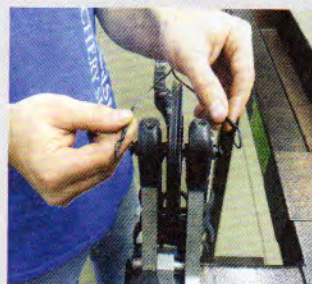
Step#10

Take buss cable out of cable slide /roller guard.



Step#5

Unhook string of bottom cam post.



Step#11

Unhook yoke legs off of top axle posts.



Step#6

Take string of idler wheel.



Step#12

You are ready to install your NEW set of strings.

Continued.....



Step#13
Hook the buss cable on the bottom cam post.



Step#19
Make sure string is laying in cam track correctly.



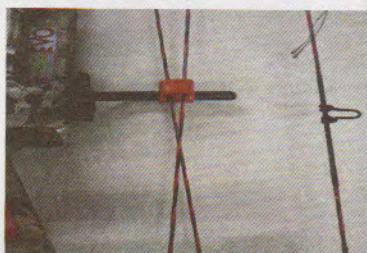
Step#14
Hook yokes legs on axle posts.



Step#20
Put string in cable slide/ Roller guard.



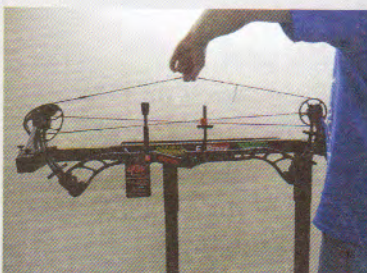
Step#15
Put buss cable in cable slide /roller guard.



Step #21
Cross cables according to bow manufacturing specifications. **Make sure cable do not rub against each other....**



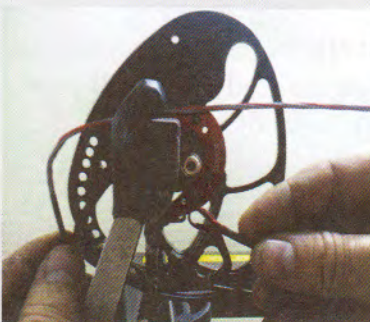
Step#16
Hook string on cam post.



Step#22 Pull string tight as tension is released on bow. Make sure all strings are laying in track correctly.



Step#17
Put string around idler wheel.



Step#18
Hook the bottom of string on the cam post.

Congratulations
You have
Completed your
Set up

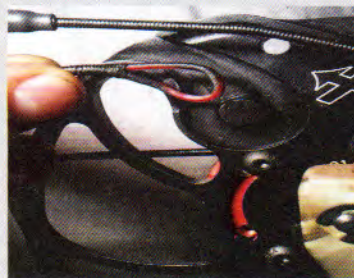
WARNING: Take extreme care not to lose twists on string!!!!!!

Step By Step Directions to Change A (Binary Cam) String and Cables



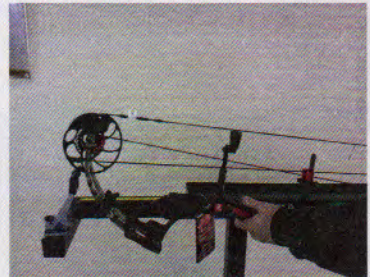
Step #1

Select a bow press that is made to fit the bow you are working on.



Step #6

Unhook string from bottom cam string post.



Step #2

Make basic adjustments on press to fit the bow you are working on.



Step #7

Do not reinstall string till cables have been removed.



Step #3

Insert the bow into press.



Step #8

Unhook top of control cable from cable post.



Step #4

Put tension on bow till string and cable are removable. Be careful to not put too much tension on limbs.



Step #9

Unhook control cable from cable slide or roller guard.



Step #5

Unhook string from top cam string post.



Step #10

Unhook bottom of control cable.

Continued.....



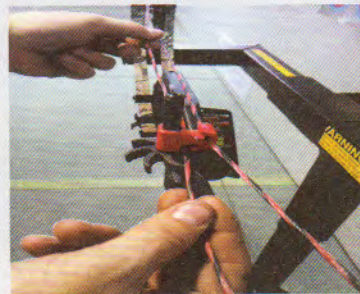
Step#11
Unhook bottom of control cable from cable post.



Step #17
Hook control cable on top cam cable post.



Step #12
Unhook control cable from cable slide or roller guard.



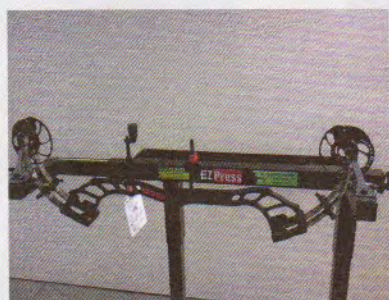
Step #18
Hook control cable into cable slide/roller guard.



Step #13
Unhook top of control cable.



Step #19
Cross cables according to bow manufacturing specifications. **Make sure cables do not rub against each other....**



Step #14
You are ready to restring your bow.



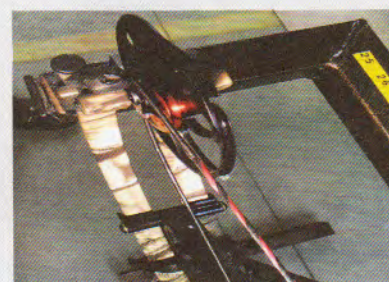
Step #20
Hook string on top cam string post.



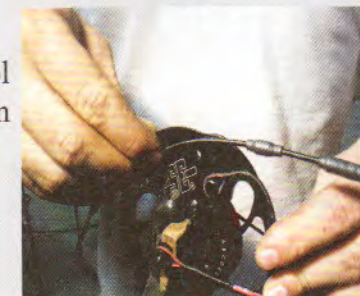
Step #15
Hook control cable on bottom cam cable post.



Step #21
Hook string on bottom cam string post.



Step #16
Make sure the control cable is laying in cam track correctly.



Step#22
Make sure string is laying in cam track correctly



Step #27

Pull string tight as tension is released on bow. Make sure all strings are laying in track correctly.

Congratulations You have Completed your Set up..

WARNING: Take extreme care not to lose twists on string!!!!!!

Step By Step Directions to Change A (2 Cam) String and Cable



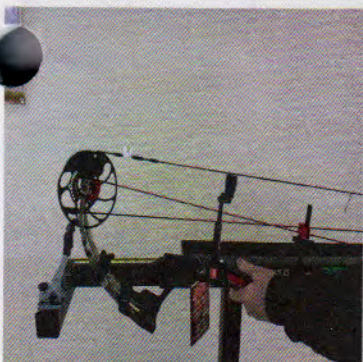
Step #1

Select a bow press that is made to fit the bow you are working on.



Step #5

Unhook string from top cam string post.



Step #2

Make basic adjustments on press to fit the bow you are working on.



Step #6

Unhook string from bottom cam string post.



Step #3

Insert the bow into press.



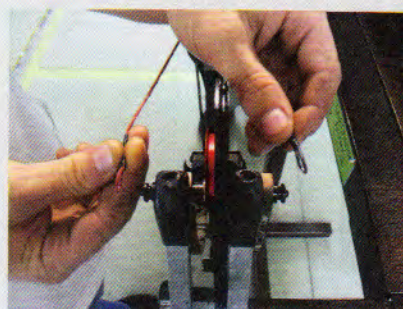
Step #7

Do not reinstall string till cables have been removed.



Step #4

Put tension on bow till string and cable are removable. Be careful to not put too much tension on limbs.



Step #8

Unhook both yoke legs of the first buss cable on top axle posts.



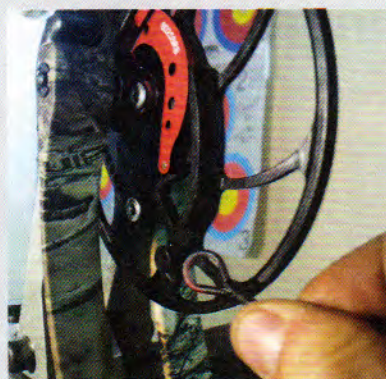
Step #9

Unhook buss cable from cable slide or roller guard.



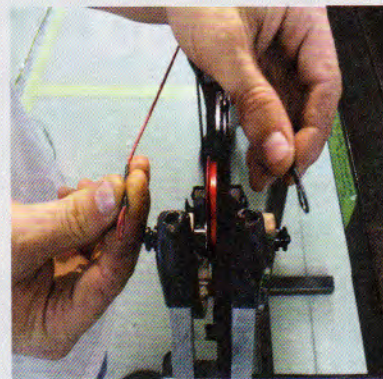
Step #14

You are ready to reassemble your bow.



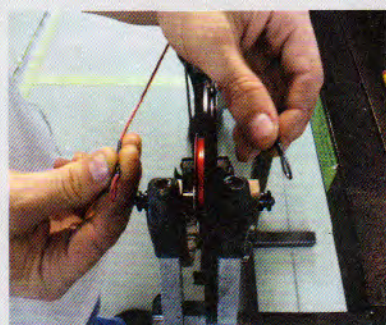
Step #10

Unhook bottom end loop on the first buss cable.



Step #15

Attach the first buss cable yoke legs to the posts.



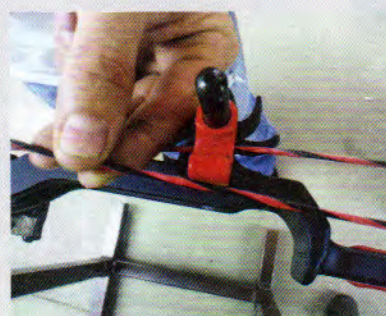
Step #11

Unhook both yoke legs of the 2nd buss cable from axle posts.



Step #16

Attach the first buss cable to bottom cam.



Step #12

Unhook buss cable from cable slide or roller guard.



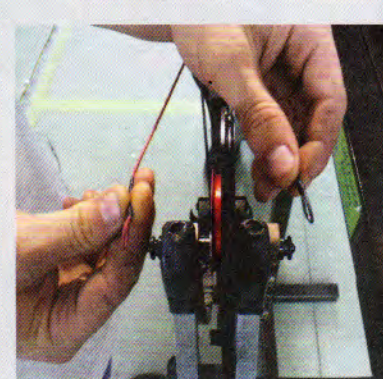
Step #17

Hook buss cable into cable slide or roller guard.



Step #13

Unhook bottom end loop on the 2nd buss cable.



Step #18

Hook the 2nd buss cable yoke legs to the posts.



Step #19
Attach the 2nd buss cable to top cam post.



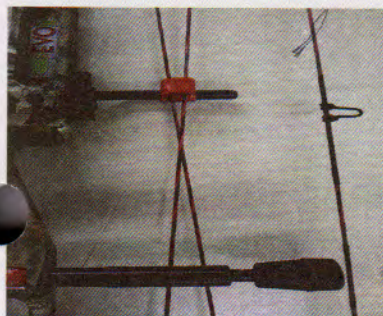
Step#26
Make sure string is laying in cam track correctly



Step #20
Hook buss cable into cable slide or roller guard.



Step #27
Pull string tight as tension is released on bow. Make sure all strings are laying in track correctly.



Step #23
Cross cables according to bow manufacturing specifications. **Make sure cable do not rub against each other....**



Step #24
Hook string on top cam string post.



Step #25
Hook string on bottom cam string post.

Congratulations
You have
Completed your
Set up

WARNING: Take extreme care to not lose twists on string!!!!!!

Step by Step Directions on how to Set up your Bow



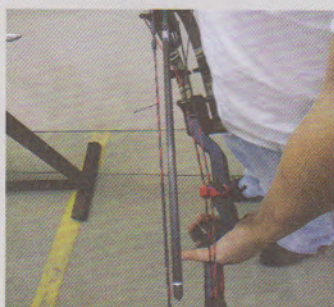
Step#1

Check for cam lean on split end of buss cable (s). By placing an arrow on flat side of cam .



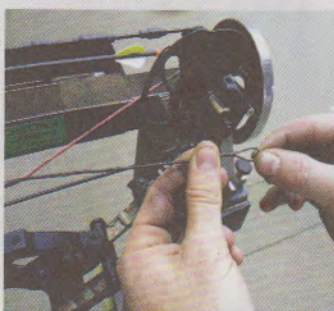
Step#2

See spacing on end of arrow for incorrect cam lean.



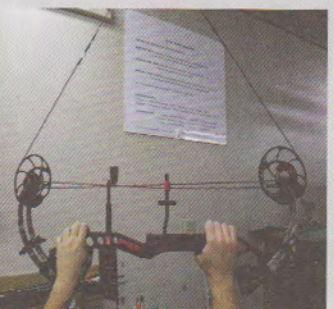
Step#3

See spacing along side of arrow for correct spacing. (Spacing needs to be equal full the length of the arrow)



Step#4

If spacing is incorrect twist or untwist yoke legs untill cam lean is correct.



Step#5

If your bow has a draw stops or modules. Draw bow to full draw to see if draw stops or modules are touching cables at the same time.



Step#6

See picture for correct timing position of draw stops or module.



Step#7

See picture for incorrect timing.



Step#8

After adjustments are made the timing marks can be used as a quick reference to check cam timing.

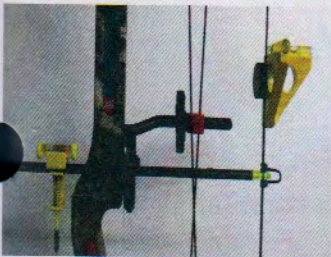
Timing Tip

Option#1

If draw stops or modules are not touching the cable at the same time, untwist the cable that is not touching the draw stop or module to correct the timing.

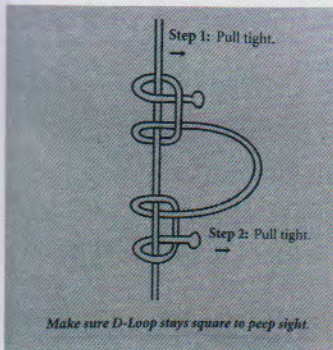
Option#2

To correct timing problem as shown in step #7, you may also add twists to the opposite cable, on the other cam.



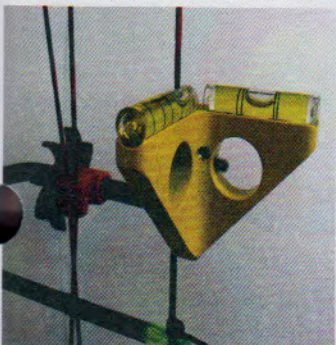
Step#10

Using levels or bow square level your bow and arrow to determine nocking point.



Step#11

Use illustration to tie your D-loop when you have determined the nocking point.



Step#12

Double check to see if arrow is level or square after nocking has been established.



ATTENTION

Make sure string colors have been separated when Peep Sight is installed.
(See picture)

Congratulations

You have

Completed your

Set up

See Tuning Charts

for final

Adjustments.

Paper Tuning your Bow

Step One:

Shoot arrows through a suspended sheet of paper at a distance of 4 to 6 feet and observe the resulting tear. See adjustment illustration below to achieve a perfect tune.

Step Two:

Make vertical adjustments prior to horizontal adjustments to avoid getting a false reading due to vane clearance issues.

Notes:

Although there are a number of acceptable tuning methods that work well, ABB recommends paper tuning for release aid shooters and bare shaft tuning for finger shooters. ABB also recommends the use of a string loop for compound shooters using a release aid. This will prevent nock pinch and will allow for a more accurate setup and more reliable tuning.

Vane Contact:

Try spraying your vanes with aerosol foot powder to determine if there is any vane contact with the arrow rest. The foot powder will show contact points. Vane contact can cause erratic arrow flight and inaccurate paper tear readings.

Consistency:

When paper tuning, proper shooting form and a consistent release are critical. Try shooting each arrow a number of times to make sure that you are getting a consistent reading. **Paper tuning can be time consuming, but will pay big dividends in accuracy.**



Perfect Tear



High Tear

Possible Corrections:

- Move Nock Point down
- Move rest up
- Decrease Launcher Stiffness
- Shorten arrow length if possible



Low Tear

Possible Corrections:

- Raise nocking point
- Stiffen launcher stiffness



Left Tear

Possible Corrections:

- Move rest/center shot towards riser
- Move cable guard towards arrow (decrease load on cable guard)
- Adjust wheel lean
- Use stiffer arrow
- Decrease draw weight



Right Tear

Possible Corrections:

- Move rest/center shot away from riser
- Move cable guard away from arrow (increase load on cable guard)
- Adjust wheel Lean