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Smooth DMX1 & DMX2 Crank arm adjustment procedures

The noise you may have when a crank arm is loose is either a creaking or clicking noise from rear of unit. Sometimes it sounds like the plastic is creaking at the rear.

We have found that the crank arms seem to be loose on both right and left sides. To solve this issue you will need to tighten down crank arms and the way to go about it is using the following procedures.

- ◆ **First you will need the following tools**
 - 12MM Socket or ½" Socket with 3" extension
 - Phillips screw drive
 - Small flat screwdriver
 - 4mm Allen key
 - 8mm Allen key
 - 5mm Allen key
- ◆ Now at this point you will need to remove pedals arms caps at the rear using a screw driver to remove screws #411 x2 on each side then take off caps #325 and #326.
- ◆ Now using your 5mm Allen key you can remove the Allen bolt #424 and the washer #425 & #426 larger washer.
- ◆ Now at this time pull pedal arms #106 Left side & #107 Right sides off the shafts and place on ground.
- ◆ Now using your small flat screw driver pry off part #328 gray covers on both left & right sides and then you can remove Phillip screws #410 x4 on each side that will allow you to remove the large round white covers #327 on both sides.
- ◆ Now on the right side you will have to remove two Allen head Screws #414 which uses a 4mm Allen key and #416 Screw which uses a 5mm Allen key. At this point the small silver cover will come off and you have excess to the large crank arm bolt #447 which goes threw the side of the crank arm ##226 you will need a 8mm Allen key and then at this point you can tighten the right crank arm bolt down.

- ◆ Now for the left side you will have to remove the same Allen bolts #414 Allen Screw which uses a 4mm Allen key and #416 Allen Screw which uses a 5mm Allen key.
- ◆ Now at this point to remove the silver plate #228 on left side you still have to remove 3 of the #459 which they use a 5mm Allen key and on the back side you will need to use your 12mm or ½' Socket on #417 nuts. Now you will have to use the socket and Allen key at the same time to break those bolts loose. Once the bolts are loose then you can remove the metal plate and will be able to get to the left crank arm #226 and then tighten down the crank arm bolt #447 using the 8mm Allen key.
- ◆ Once this is all complete reinstall pedals arms and pedal arms bolts on to test unit before reinstalling all the covers.
- ◆ If unit test out good then just reverse the procedures and you should be good to go.

THE DIAGRAM BELOW WILL HELP YOU FIND THE PARTS WE ARE TALKING ABOUT.

For any further questions please contact us at Smoothfitness 1-888-800-1167 press 2 for service.

