



REF#	PART#	DESCRIPTION
1	80031	FRAME
2	80020	CHAINGUARD (INNER)
3	80021	CHAINGUARD (OUTER)
4	80011	SHROUD (RIGHT)
5	80010	SHROUD (LEFT)
6	80003	RUBBER RING FOR OUTER CHAINGUARD
7	80022	STAINLESS STEEL AXLE NUT 3/8X26TX11T
8	80018	CHAIN ADJUST BRACKET (LEFT)
9	80001	SLEEVE FOR FRAME
10	80027	STAINLESS CHAIN TEN. BOLT M6X1.0X50L
11	80012	BOTTLE HOLDER
12	80019	CHAIN ADJUST BRACKET (RIGHT)
13	80014	RUBBER FRAME GUARD
14	80040	STAINLESS SELF-TAPPING SCREW M5X12L
16	80041	PROTECTIVE PLASTIC STICKER (B)
17	80042	PROTECTIVE PLASTIC STICKER (A)
18	80025	MACHINE SCREW M5X.08X12L
19	80009	EMERGENCY BRAKE LEVER
20	80036	B.B. SET, ISIS W/CRANK BOLT 73X113L
21	95431	STAINLESS WASHER 16 X 6.5 X1
22	80034	RIGHT CRANK W/SPOCKET, ISIS M12
23	80035	LEFT CRANK ARM , ISIS
24	80029	STAINLESS HEX HEAD BOLT M6X1.0X12L
25	80037	HANDLEBAR
26	80038	SEAT POST, STAINLESS
27	80039	SEAT ADJUSTMENT BRACKET
28	80002	SLEEVE FOR SEAT SLIDER
29	80006	SEAT RETAINING PIN
30	80013	RETAINING PIN COVER
31	80008	RESISTANCE ASSEMBLY
32	80017	TENSION ADJUSTING KNOB
33	80005	TENSION KNOB RING
34	80007	ROD CARRIER
35	80015	NUT FOR RES. ASSM. M6X1.0 SS
36	80004	PLASTIC BALL RING
37	80033	REAR STABILIZER
38	80016	HEX NUT FOR LEVELING FEET 3/8
39	80030	STAINLESS HEX HEAD BOLT M8X1.25X50L
40	80032	FRONT STABILIZER
41	80028	BOLT TRANSPORT WHL M8X1.25X45L SS
42	95129	PEDALS 9/16"
43	92206	FRAME PLUG FOR BRAKE ASSM.
44	84994	T-HANDLE POP PIN TRIPLE LEAD
45	92202	SEAT, 7777-1, RED
46	92204	YELLOW PLASTIC BUSHING SET OF 2
47	98022	SQUARE NUT
48	92874	BRAKE PADS
49	90595	LEVELER FOOT
50	94526	WASHER 19 X 8.5 X 1MM SS
51	80049	SCREW NUT M8 X 1.25 SS
52	92210	TRANSPORTATION WHEEL
53	80023	CHAIN 108L 3/32"
54	92207	FLYWHEEL
55	92214	FLANGED HUB LOCK NUT
56	92458	BEARING RETAINER RING
57	92451	HUB SHELL PLASTIC COVER
58	92452	INNER ADJ SR PLATE
59	92208	CONICAL SPRING
60	92453	INTERFACING PLATE TO BRAKE PADS
61	92213	SR BRAKE PAD SET, WHITE U.H.P.
62	98419	HUB SPOCKET W/BEARING
63	80044	CRANK BOLT - 1EA M12
64	98414	AXLE SET
65	80047	BADGE SCHWINN® LOGO 33MM



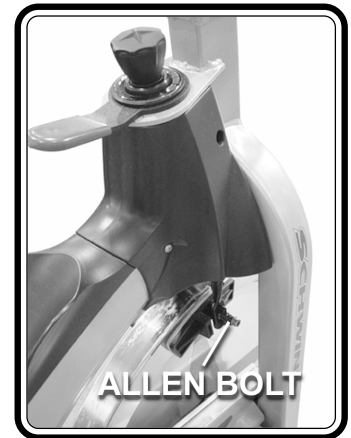
MECHANICAL TROUBLESHOOTING

! CAUTION !

Use extreme care when servicing the Schwinn® Indoor cycling bike with the chain guard removed. If your fingers or other parts of the body come into contact with moving parts inside the bike, amputation or other serious injury may occur. Prior to commencing any maintenance on the chain drive, familiarize yourself with all moving parts. Never leave a Schwinn® bike unattended with the chain guard removed.

1. PROBLEM: A loud squealing sound from the brake pads

SOLUTION: a. Using a 4-mm Allen Wrench, take off the bolt and spring then slide pads out of the assembly. If the pads look glossy or shiny, you will need to rough up the surface with a wire brush. After doing so, the pads need to be saturated with silicone lubricant. Tighten the bolt and spring to the pads only finger-tight. This will create longer life for the brake pads on your bike.



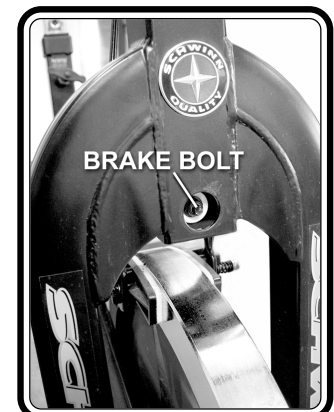
2. PROBLEM: Brake pads are too tight on minimum resistance

SOLUTION: a. Turn the resistance knob all the way to the right, (maximum resistance) and let sit for a couple of hours. This will compress the guide rod springs allowing space between the pads and the flywheel.



3. PROBLEM: Brake pads are off center

SOLUTION: a. Use a 10-mm wrench to loosen the nylon nut on the front of the bike. This will allow you adjust the brake assembly until the brakes are evenly spaced from the flywheel. Retighten the nylon nut using moderate torque.

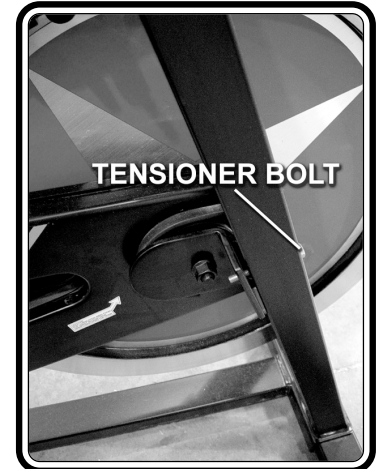




MECHANICAL TROUBLESHOOTING (continued)

4. PROBLEM: The chain is too loose

SOLUTION: a. Use a 15-mm wrench or socket to loosen each axle nut of the flywheel. Use a 10-mm wrench and turn each chain tensioner bolt $\frac{1}{4}$ turn to the right. Get on the bike and check for any play in the chain by rocking back and forth on the pedals. Once the pedals and the flywheel are moving as one, tighten the axle nuts on the flywheel. Make sure the flywheel remains in alignment with the frame.



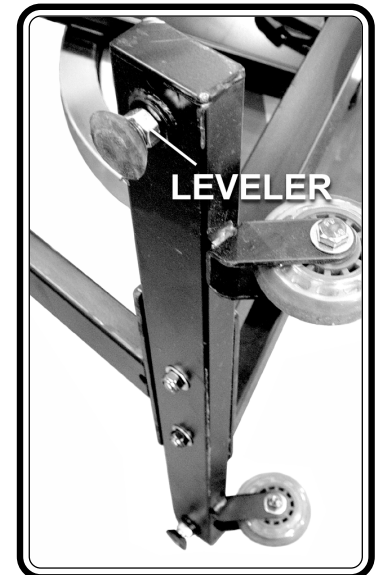
5. PROBLEM: The chain makes a grinding sound

SOLUTION: This is caused by the chain being too tight or the flywheel is out of alignment.

- a. Loosen each axle nut using a 15-mm wrench. Adjust the 10-mm chain tensioner bolts to align the flywheel with the frame. Make sure that the chain tension is adjusted properly without being too tight. Adjust the chain tension by locating the point where the chain is tightest during one revolution of the crank. Check the tension; you should be able to move the chain up and down about $\frac{3}{8}$ " (in either direction). Ensure that the chain is properly lubricated, then test-ride the bike.

6. PROBLEM: Bike is wobbling or uneven while riding

SOLUTION: a. Check the foot levelers on the bottom of the stabilizers. Adjust until the bike is square on the floor. Securing the leveler nut will prevent leveler from loosening.

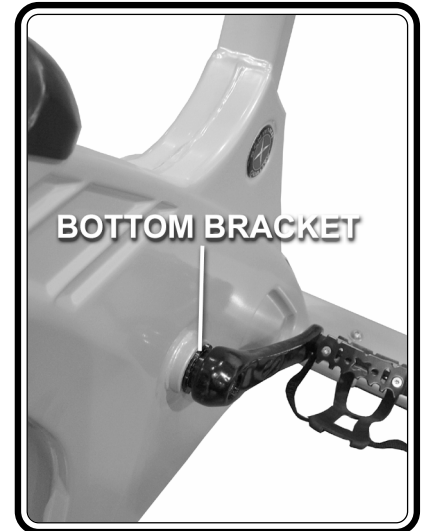




MECHANICAL TROUBLESHOOTING (continued)

7. PROBLEM: Crank arms or pedals feel loose

- SOLUTION:**
- a. Make sure the pedals are tightly screwed into the crank arms.
 - b. Make sure the crank bolts on both crank arms are tight.
 - c. Make sure the openings in the crank arms have not been rounded out. This problem is caused when the bike has been ridden with loose arms. If the interface has been damaged, replace the crank arm.
 - d. Make sure the the bottom bracket is tight in the frame and bearings operate smoothly.



8. PROBLEM: Handlebar or seat post is too tight

- SOLUTION:**
- a. Ensure that the handlebar/seat post extension tube and frame sleeves are both clean and lubricated with silicone Lube. If fit remains tight, try switching the handlebar or seat post with one from another bike. If this does not fix the problem order new sleeve.

NOTES

**FOR MORE DETAILED INFORMATION CONTACT
TECHNICAL SUPPORT AT 1-800-864-1270**



MAINTENANCE

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How to adjust the Smart Release™ mechanism

Tools needed

Smart Release™ Adjusting Tool Part # 71709

Only a mechanic trained to work on SCHWINN® IC bicycles should perform this procedure. Adjustments to release pressure of the patented Smart Release™ mechanism should only be performed to restore the mechanism to factory specifications. Never attempt to lock out the Smart Release™ mechanism by over tightening the adjustment plate. Adjustments to the Smart Release™ mechanism can be performed without disassembling the bike. The only tool necessary is the Smart Release™ adjusting tool (Part # 71709): It is advisable to have a 45 or 50 LB dumbbell available.

Prior to adjusting the release pressure of the mechanism it is recommended to ride the bike and purposely force the Smart Release™ mechanism to break free. Do this by pedaling up to a moderate cadence with little or no resistance on the flywheel, applying back pressure to the cranks sufficient to release the mechanism (**ONLY PERFORM THIS PROCESS IF YOU ARE FAMILIAR WITH AND TRAINED TO WORK ON SCHWINN® SMART RELEASE™ MECHANISM**). Repeat this process several times to ensure that the mechanism is up to operating temperature and to feel the initial setting of the mechanism.

Procedure

1. Insert the Smart Release™ adjusting tool from the front of the bike into the space between the chain guard and the flywheel.
2. Rotate the flywheel until the 7-mm-diameter hole in the Smart Release™ adjusting plate (#66 in the Fig. 1) is visible from the front of the bike.
3. Secure the flywheel from rotating by tightening the resistance mechanism until it provides significant force on the flywheel. In order to reproduce the factory setting in the field; place a 45- or 50 LB dumbbell on the right side pedal (chain guard side) with the crank in the 9 o'clock position.

When properly adjusted the Smart Release™ mechanism should break free allowing the crank arm to rotate down under this amount of load.

4. With the dumbbell in place and the flywheel locked from rotating, Insert the tool so that the bend in the tool corresponds to the shape of the flywheel (see Fig. 2).
5. Carefully insert the pin of the tool into the hole of the Smart Release™ adjusting plate (#66). Hold the tool with your left-hand, hold the outer edge of the flywheel with your right hand.
6. To increase the release pressure (make the breakaway force higher) pull the handle of the tool UP toward the top of the flywheel (see Fig. 3).

MAINTENANCE (continued)

Only small movements in the adjusting ring are necessary to effect the release pressure, generally no more than 45 – 50 degrees movement of the tool handle are required for proper adjustment of the release pressure.

7. To decrease the release pressure (make the breakaway force lower), push the handle of the adjusting tool DOWN toward the bottom of the flywheel (see Fig. 3).

8. Once the proper tension has been achieved, the technician should test ride the bike to ensure the factory specified resistance has been achieved.

Attempts to over tighten the Smart Release™ mechanism can result in damage to the pin of the Smart Release™ adjusting tool, adjusting plate #66 or the conical spring #64. The adjustable Smart Release™ mechanism is NOT designed to be locked up completely. DO NOT ATTEMPT TO TIGHTEN THE MECHANISM BEYOND FACTORY SPECIFIED SETTINGS!

Fig. 1

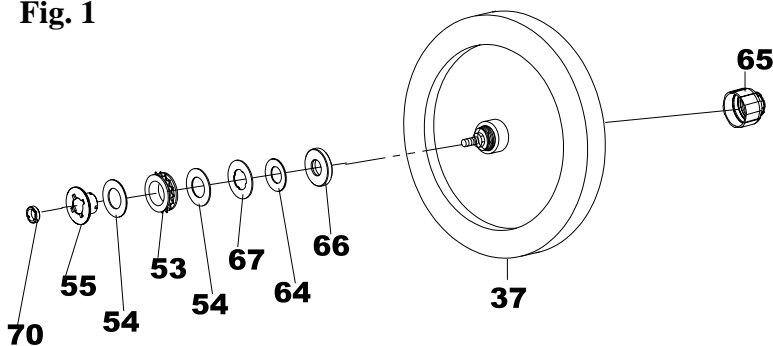


Fig. 2

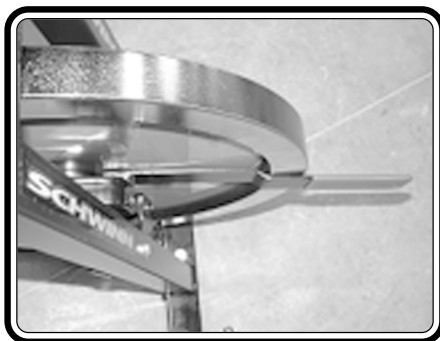
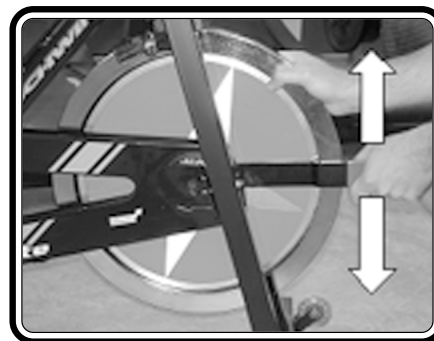


Fig. 3





MAINTENANCE (continued)

DAILY MAINTENANCE

Every day at the end of your last Indoor Cycling Class, have each member release the brake resistance on the SCHWINN® bike so the brake pads do not contact the flywheel, and wipe down the bike using SCHWINN® equipment polish (#73200) with a clean, damp cloth. This will help clean and protect your SCHWINN® bike. We also suggest you remove the handlebars from the head tube to allow the handlebar tube and sleeve to dry properly. (Note: Never operate the bike without brake resistance! Always increase the brake resistance prior to use.

After each class, wipe down your SCHWINN® bike with a clean cloth. Pay special attention to the hardware areas where perspiration could settle. Example: handlebars.

WEEKLY MAINTENANCE

Inspect your SCHWINN® Indoor cycling bike for loose parts, nuts, bolts, etc. Pay special attention to the brake assembly and both the seat and handlebar pop-pins. This action will help prolong the service life of your SCHWINN® Indoor Cycling bike.

MONTHLY MAINTENANCE CHECK

Check the chain to ensure that it is properly adjusted. Move the crank arms back and forth; if there is more than ¼" movement in the chain before the flywheel turns, you will need to tighten the chain. To do this, simply loosen the flywheel axle nuts (# 21) then rotate the chain tensioner bolts (#27) clockwise by a ½ turn. NOTE: Make sure that you adjust both sides equally so that the flywheel remains in alignment with the frame.

Check the crank bolts (#53) with a torque wrench (#74523) to ensure that the torque does not exceed 360 lbf/in for IC PRO and IC ELITE or 420 lbf/in for EVOLUTION models. **Any SCHWINN® bike that is allowed to operate with torque in excess of the specified values does not qualify for warranty replacement for the crank arms. DO NOT TORQUE CRANK BOLTS IN EXCESS OF 360 lbf/in. ON IC PRO AND IC ELITE OR 420 lbf/in ON EVOLUTION MODELS, OVER TIGHTENING WILL CAUSE DAMAGE TO THE CRANK OR THE BOTTOM BRACKET INTER-FACE.**

Ensure that both pedals are secured and properly attached to the crank arms. Crossed threads can be caused by allowing your clients to change their own pedals. Trained personnel must do pedal changes. Crossed threads do not qualify for warranty replacement.

Check all handlebar and seat pop-pins (#29) to ensure that they are tight and operating smoothly.