

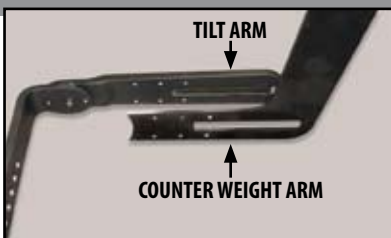
Right Arm[®] Counter Balance System



Installation Instructions



1. Remove the connector on the fixture cable. Loosen and remove the tilt bolt.



2. Lay the tilt arm on a work surface. Align the counter weight arm with the tilt arm.



3. Install six 5mm screws and lock washers. Tighten.



4. Install the tilt arm with counter weight arm onto the Right Arm[®].



5. Apollo has included a longer tilt arm bolt. Use these with the original washer and lock washer.



6. Pass the fixture cable back through the slot in the tilt arm.



7. Tighten the tilt bolt.



8. Install a 5° or 10° Source Four.



9. Begin installing weights. For best results, use three weights on the outside of the counter weight arm and nine on the inside (inside is closest to the Source Four unit). Place one washer under the bolt head and other washer under the nut.



10. Install the 1/2" nut with lock washer. Leave the nut loose for now.



11. Install the safety pin through the holes in all weights and the hole in the counter weight arm.



12. Tighten the 1/2" nut.

13. Balance the Right Arm[®] according to the instructions in the product manual.

Only operate the Right Arm[®] in mode #9. The balanced 5° or 10° will not clear the underside of the horizontal frame of the Right Arm[®].

Minimal roaming may still occur at the end of a movement due to 5° or 10° Source Four mass.

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**Right Arm® Counter Balance
System Kit Includes**



Quantity		Description
1.	1	Counter Weight Arm
2.	12	Counter Balance Weights
3.	1	16mm x 45mm Bolt
4.	6	5mm x 10mm Pan Head Phillips
5.	6	5mm Spring Lock Washer
6.	1	1/2" - 13 x 3 1/4" Bolt
7.	1	1/2" Washer
8.	1	1/2" Nut
9.	1	1/2" Spring Lock Washer
10.	1	Locking Pin, 5/6" x 3"