

## 244N Magic Arm Upgrade

1. Using a 4mm Allen key to undo the grub screw by one turn only in the handle.
2. Then use a 6mm Allen key to remove the silver bolt on the opposite side of the handle. Hold the disc that holds the ball bearings whilst unscrewing otherwise the balls will fall out.



3. Remove all of the ball bearings and the brass ring.
4. Now you will need a 30mm and a 25mm spanner. Using both of the spanners together, undo the silver nut until it becomes loose.



5. Now you need to turn the lower black section anti-clockwise until the top bush comes out. Repeat this on the other arm.



6. Line up the new part R143,96 bush recess with the ball bearing and insert, making sure the rectangular recess is facing outwards. Once you're happy that the bush recess and ball bearing are aligned, start turning the lower black section clockwise until you have a 1mm movement in the bush. Repeat on the other arm.



7. Now once you have that 1mm movement in the bushes you need to tighten the nut using the 30mm and 25mm spanners.
8. Insert the screw from part R3,0911 through one arm and put on the friction pad R143,43 (THE BALL BEARINGS ARE NOT NEEDED). Then push the screw through the other arm and place the 3mm washer on first followed by washer with the recess facing up, then place the bearing on, then the last washer with recess facing down.



9. To finish you need part R132,27 handle and simply screw this on. (The washer with this part is not needed). Put the black cap on to complete.
10. You have now upgraded to a 244 magic arm.