

Instruction: 930 Dual Hub Tilt Cylinder - Adding a second cylinder

Approval: Rob Deans

| Document Number: | SWI-07-074 |
|------------------|------------|
| Revision No.: | 0 |
| Revision Date: | 15-May-12 |
| Written By: | Kim Gignac |

| Step | Tools | Qty | Hardware | Qty | Broda Part | Execution | Figures |
|--------|-------------------|-----|----------|-----|------------|---|---------|
| Step 1 | 1/2" Wrench | | | | | Remove the 5/16" mounting bolt from the bottom end of the cylinder. Leave the stem of the cylinder assembled to the actuator. Remember the sequence of the plastic spacers. | |
| Step 2 | 1/2" wrench | | | | | Remove the 5/16" mounting bolt from the top end of the cylinder. Remember the sequence of the plastic spacers. | |
| Step 3 | Scissors or knife | | | | | Clip to remove the cable tie that hold the cable to the actuator | |
| Step 4 | | | | | | Remove cable from actuator | |
| Step 5 | | | | | | Remove cable | |



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| Step 6 | square head screwdriver | | | Remove Tilt cable handle | |
|---------|----------------------------|---|----------------------|---|--|
| Step 7 | | | 2xPAB 15 2xcabact | New part to be attached | |
| Step 8 | | | | Place cylinders through hub, actuator pins need to face the seat of the chair. | |
| Step 9 | | 5/16"x3" bolt 2x0.6200D plastic spacer 2x0.6300D Plastic spacer Nylon nut 5/16" | | Attach top end of cylinders to the chair, paying attention to spacer and cylinder configuration | |
| Step 10 | | 5/16"x3" bolt 2x 0.625OD Plastic Spacer 2x0.630OD Plastic spacer nylon nut 5/16" | | Attach bottom end of cylinder (with actuators) paying careful attention to spacer configuration | |



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| Step 11 | Square head screwdriver | | CABHAND | Attach Tilt Cable handle to the Push bar | |
|---------|----------------------------|--|--------------------|--|--|
| Step 12 | | | 2Xblack cable ties | Place cables around seat frame bar and through cylinder hub. Attach cables to actuators, attach black cable ties around cable and actuator | |
| Step 13 | | | black cable tie | Attach cable to the TPU seat with a black cable tie | |

| Hardware List | | | | | | | |
|--------------------|--------------------------|------------------------|--|--|--|--|--|
| Check | QTY ITEM | | | | | | |
| | 2 5/16"x3" bolt | | | | | | |
| 2 5/16" nylon nuts | | | | | | | |
| | 2 0.6200D Plastic spacer | | | | | | |
| | 2 0.6250D Plastic Spacer | | | | | | |
| | 4 | 0.630OD Plastic Spacer | | | | | |
| 3 black cable ties | | | | | | | |
| | | | | | | | |