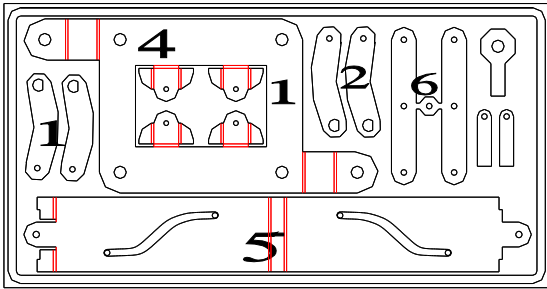


# BASIC INSTRUCTIONS

## POINT LOCKING MECHANISM PALM



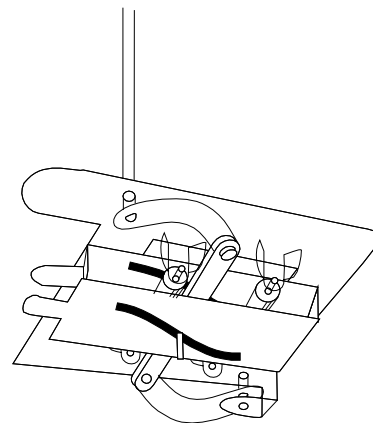
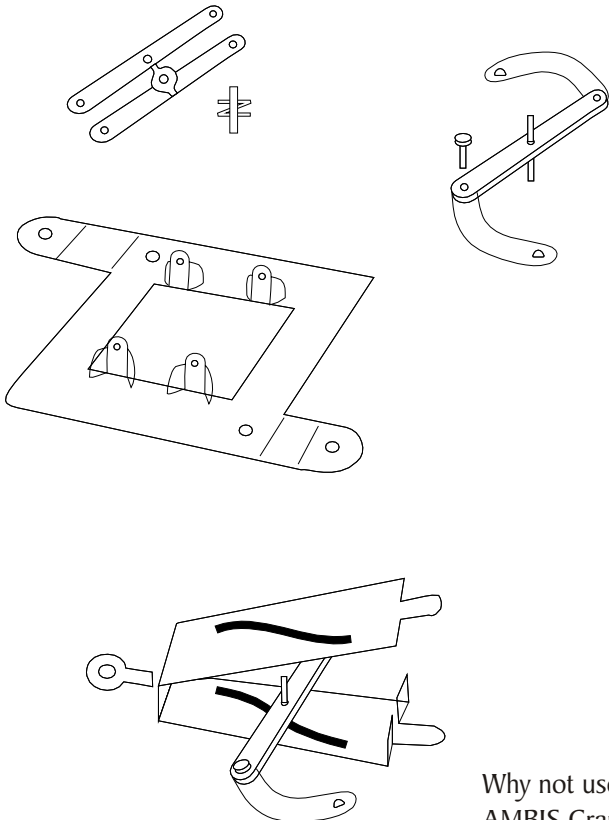
*AMBIS Engineering* *Moving Modelling closer to the prototype in operation and appearance.*

### DETAILS

OPERATING ROD 1/16TH DIAMETER  
INPUT MOVEMENT 7-12MM LINEAR  
OUTPUT - ROTATION VARIABLE  
MECHANISM - ONE WAY OPERATION

1. Select Long or Short radius arms.  
(Long for reduced throw, short for normal throw.)
2. Fold up shuttle, solder wire about 4mm long evenly through centre hole.
3. Rivet radius arms to shuttle, allowing free movement.
4. Take base unit, fold up bearing supports.
5. Fold up operating unit, test it fits between bearing supports, test fit of roller bearings.  
TRAP SHUTTLE BETWEEN top and bottom of OPERATING UNIT.
6. Fit optional return spring connector to operating unit.

7. Cut roller bearings to fit between bearings.
8. Fix operating unit in place using roller bearings, held in place by wires.  
SOLDER wires to bearing supports.
9. Put flat onto rods/tubes, to fit "D" hole in radius arms.
10. Cut rod to fit base unit as pivot. Fold over base unit to retain. Solder rod to radius arm, but not base unit.
11. Fit operating rod through baseboard into PALM. Use key on radius arm to prevent slippage. Operating rod may not need base unit folded over to retain.
12. Fit PALM unit securely to baseboard and attach operating mechanism.



Why not use in conjunction with  
AMBIS Cranks or Hand Levers

AND AMBIS Stretcher bars