

MiG-15 ARF

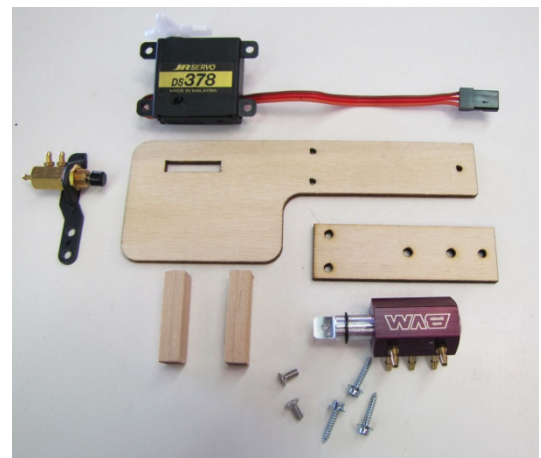
Retract Control Valve and Servo Mount

Addendum #082611

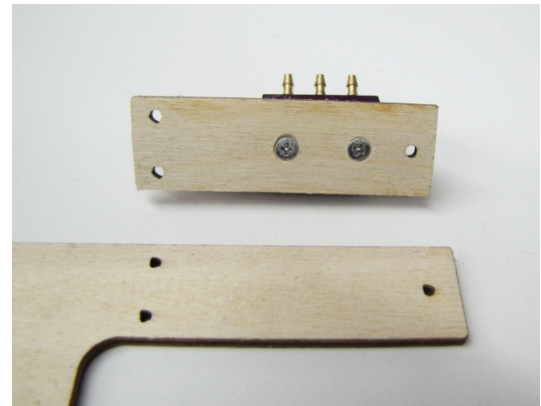
Insert this addendum on page 62 of manuals dated prior to 29 August 2011.

These parts and instructions describe the use of a JR DS 378 servo operating a BVM Hi-Flow Valve to control the retraction and extension of the landing gear. Use the "Servo Slow" feature in your radio to control the door closing actuation by the air micro switch.

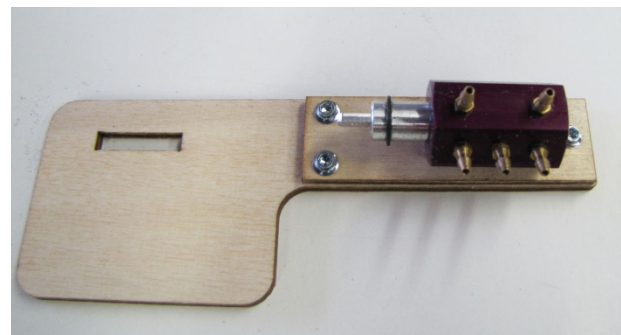
These parts are assembled per the following sequences to control the retracts and doors.



- Countersink the holes on the back side of the Hi-Flow mount and install the two flathead 4-40 screws.



- Attach the valve mount to the servo mount board with the socket head self tap screws, then use a #409 Dremel disk to cut screws flush on back side of servo board.

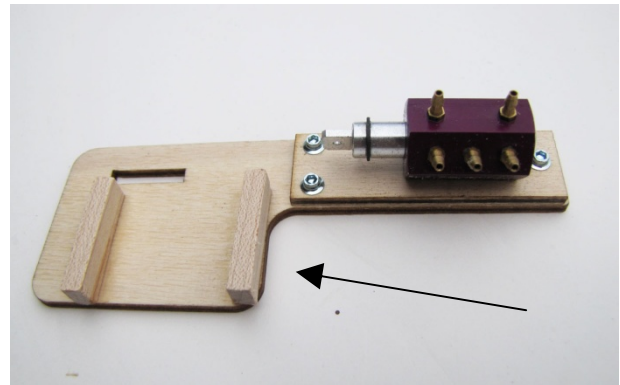


- Command the servo to the full gear down position. Trim off the outer set of mounting lugs. Trim the servo arm as shown.

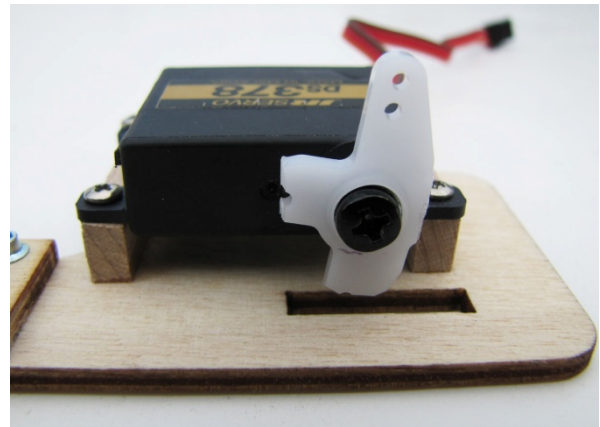
Note: A JR “Match Maker” is handy for servo installations like this.



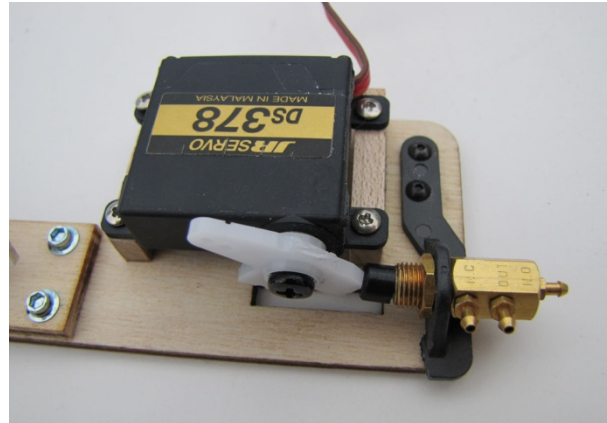
- Glue the 3/16" X 5/16" maple rails to the servo board aligning the right rail with the edge of the 1/8" ply board as shown. The 5/16" dimension is vertical to the board. The left rail is positioned by the servo tabs.



- The servo arm is shown in the gear down position. Trim the arm as shown. Use a #50 (.070") drill bit to drill the holes for servo mounting screws. Position the servo on the maple rails such that the servo arm is centered on the slot in the servo board. Install the (4) servo mount screws.

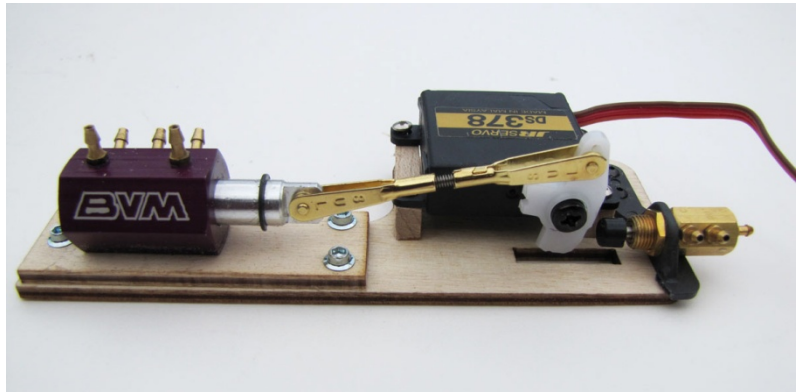


- Position the Air Micro Air Valve and its bracket such that the servo arm will actuate the black button. Drill 1/16" holes and screw the bracket in place. After the final adjustments are complete, apply Zap-A-Gap to help hold the bracket in position on the servo board.

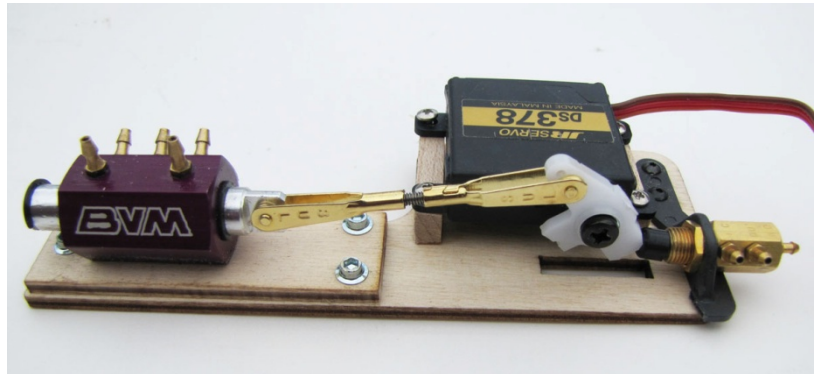


- Make the linkage from (2) Sullivan Quick Links and a 1/2" piece of 2-56 threaded rod.

Gear Down
Doors open



Gear up
Doors closed



Make final end point adjustments with you transmitter to prevent excess servo buzzing.

