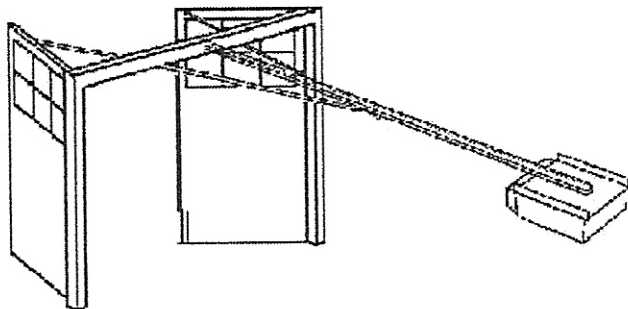


AP2006 Side Hinged Door Operating Arm Kit - FITTING INSTRUCTIONS

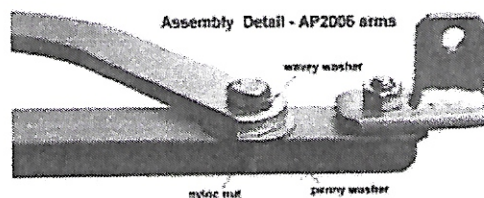
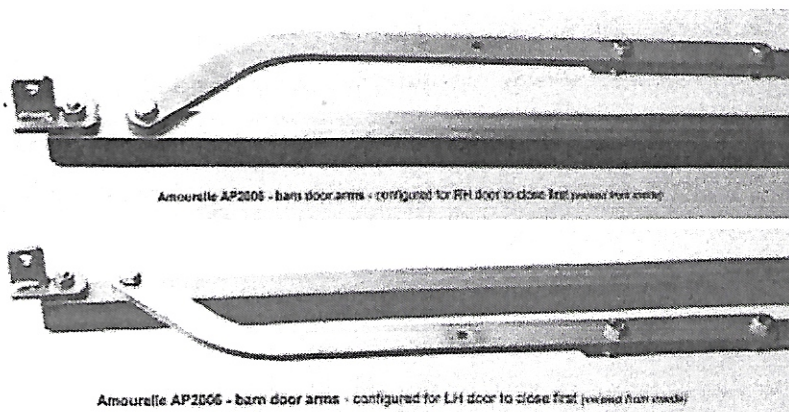
For the automation of a pair of traditional outward opening side hinged barn type garage doors



To suit one pair of side hinged doors with a combined opening width of up to 3mtrs

For use with any electric garage door operator having provision for safety stop logic reversal

1. Close the doors and check that the lapping edges are not jamming and that the doors are closing properly at the bottom.
2. Assemble the electric operator according to the manufacturers instructions and reverse the motor & limit switch connections so that the motor's safety reverse function operates during door closure. (when trolley is moving towards motor)
3. Fix the door header track bracket 20mm above the bottom edge and centrally on the door frame header.
4. Install the electric operator according to the manufacturers instructions, keeping the track horizontal.
5. Lay the AP2006 door arms on the floor, swap the arms if necessary to suit door handing by reversing the "L" arm (the hockey stick shaped bracket) thus enabling the shortest arm (with the longer sliding travel) to be attached to the door that is rebated to close first. (as delivered, AP2006 arms are assembled for the LH leaf to close first when viewed from outside)



1. Make a pencil mark at the top of both doors 1 mtr. from the hinged edge.
2. Check to make sure that the swivel bracket at the end on the arms will rotate freely and that the locking nut is secure, then attach the swivel bracket to the sliding trolley of the electric operator
3. Fix the other ends of arms to the doors at the 1 mtr. pencil mark using 8mm x 40mm coach screws.
Hint: use a strap to support one arm while attaching the other arm to the door.
4. Lubricate all moving & sliding parts with oil. (engine oil recommended)

Engage and carefully run the electric operator and set the open & close limit stop adjustments, use the "open" limit adjustment to set the desired stop position when fully open, the "close" limit adjustment should be set to stop the motor when the doors have closed and extended the spring loaded door arms

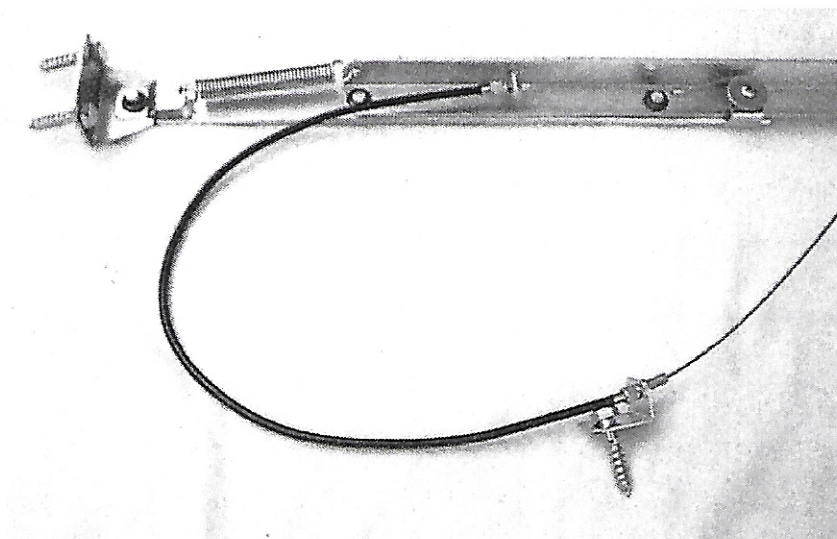
Notes:

- 1/ Check the safety-stop system and make adjustments to the trip sensitivity if required, the motor must reverse if the doors are obstructed while closing (see step 2.)
- 2/ A cable operated external release device should be fitted to enable manual operation in the event of power failure if no alternative access is available.
- 3/ All moving parts should be lubricated annually (engine oil recommended)
- 4/ To prevent loss & damage from forced entry our Securi-Dor bottom locking kit model AP2007 Mk2 can be fitted to automatically secure the doors at the bottom when closed.

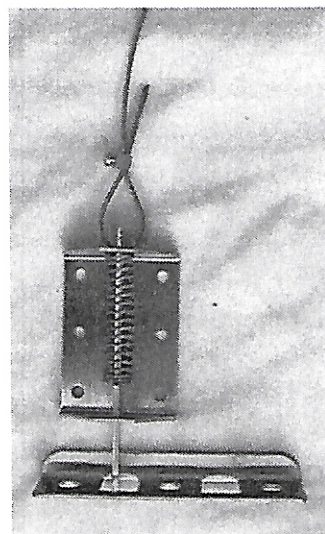
Securi-Dor AP2007 Mk2 Automatic Bottom locking upgrade kit adds secure bottom locking to the AP2006 Mk2 side hinged barn door arm kit

L

For use with side hinged door operating arms type AP2006



AP2006 actuator arm with Bowden cable fitted

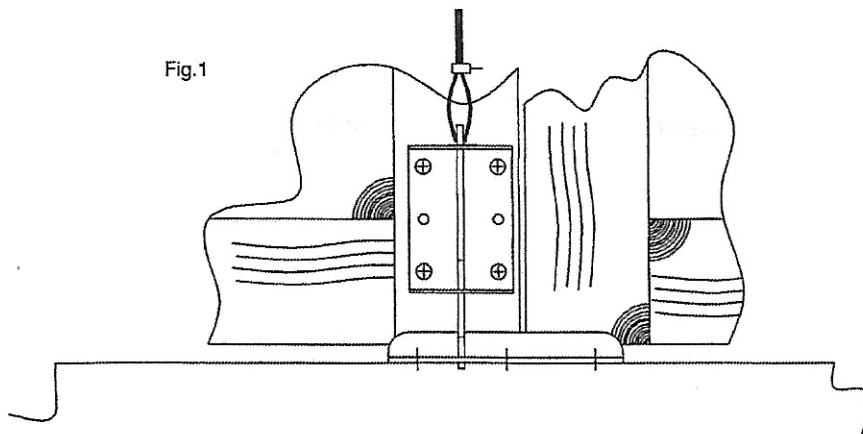


AP2007 floor striker plate & latch

FITTING INSTRUCTIONS

1. Install the main AP2006 barn door arm kit according to the fitting instructions supplied
2. Check that the doors close properly, it is essential that the doors meet at the bottom to ensure correct floor bolt operation.
3. Fit the cable stop to the Mk2 actuator arm, then attach the cable inner to the cable lug & secure with the M5 screw & penny washer supplied, pass the cable through the cable stop and fit the outer cable as shown above.
4. Fix the bottom bolt assy. to the door that closes last, with back plate 5mm from the door edge and 25mm up from the floor. With the doors held fully shut by the motor, position the floor striker plate as shown in Fig.1 below, then move it forward about 5mm (*pushing doors open slightly*) secure it in this position with the three No10 screws & masonry plugs supplied.

Fig.1



5. Fit the cable stop bracket to the door, pass the cable through it and attach it to the floor bolt using the clamp supplied. close the doors with the motor, then adjust the cable length so that the bottom latch bolt is engaged onto the floor striker plate by 10mm.
6. Apply grease to the sliding latch and make final adjustments and check that the latch engages when the door is closed by the electric operator, and releases prior to opening. Note: check the safety-stop system and make adjustments to the trip sensitivity. The motor must reverse if the doors are obstructed while closing (see step 2 of the AP2006 Mk2 fitting instructions)

Also available: Securi-Dor AP2000

For the automation of the original manual latches on remote controlled one-piece retractable garage doors