Preliminary notes:

It is necessary to rotate the Quadrant plat 90deg to move the drive motor away from the window guide channel which passes over the mechanism right where the original winder handle is.

The arms need to be spaced apart at the center pivot to allow the rotated quadrant to pass over them as it rotates.

The glass felts (baily channel) need to be in good condition. The compensating spring need to be clean and greased to remove all possible friction.

While these motors are sufficient to raise and lower the window they will struggle if the rest of the guides are in poor condition.
Pictured above is the Hawk window winder mechanism.

**Step 1**
Grind off the rivets and punch them out to remove the Quadrant gear.

**Step 2**
Remove the nut and bolt retaining the 2nd arm

The parts disassembled
Step 3
Remove the winder gear from the base plate
Grind off the 3 rivets
Cut through the other side

Step 4
Clean up the hole left with a file to make it neat.

Step 5
A new pivot pin is required.
I made this from a grade 8.8 bolt. It needs to be tough.

The parts cleaned and ready for the next step.
1. The new pin inserted from the rear
2. The pin showing the 2 steps
3. A brass washer is first
4. The primary arm is next
5. A 2mm washer (the washer is just below the first step)
6. The Quadrant gear is next followed by another brass washer. (the washer is just below the second step) A M8 or 5/16" bolt goes through the whole lot. In the final assembly the bolt goes through the other way. The steel washer is temporary and is replaced by the motor bracket later)
Step 6

Fabricate a bracket to position and hold the quadrant gear 90deg rotated from its original position. Use the existing rivet hole. The bracket needs a kink in it to allow for the spacer washer. Weld it to the quadrant.

TAKE NOTE OF THE ORIENTATION OF THE QUADRANT PLATE.
TEETH DOWN
The Nissan motors
These motors come in LH and RH configuration.

Step 7
Fabricate this plate to hold the motor

The plate fits over the bolt and tightens down on the pivot bush.

M6 Flat head Unbrako screws
Step 8
Fabricate another plate for the other side.

Step 9
Weld here to the other bracket.

Bolt the bracket to the winder base plate.