

TAN-048

Replacement of tactile cones for Series ITE220 & MS-240 Tactile Units To AGD9XX Products

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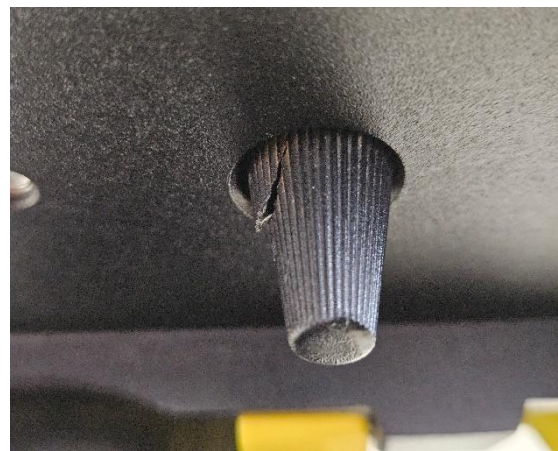
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1. Introduction

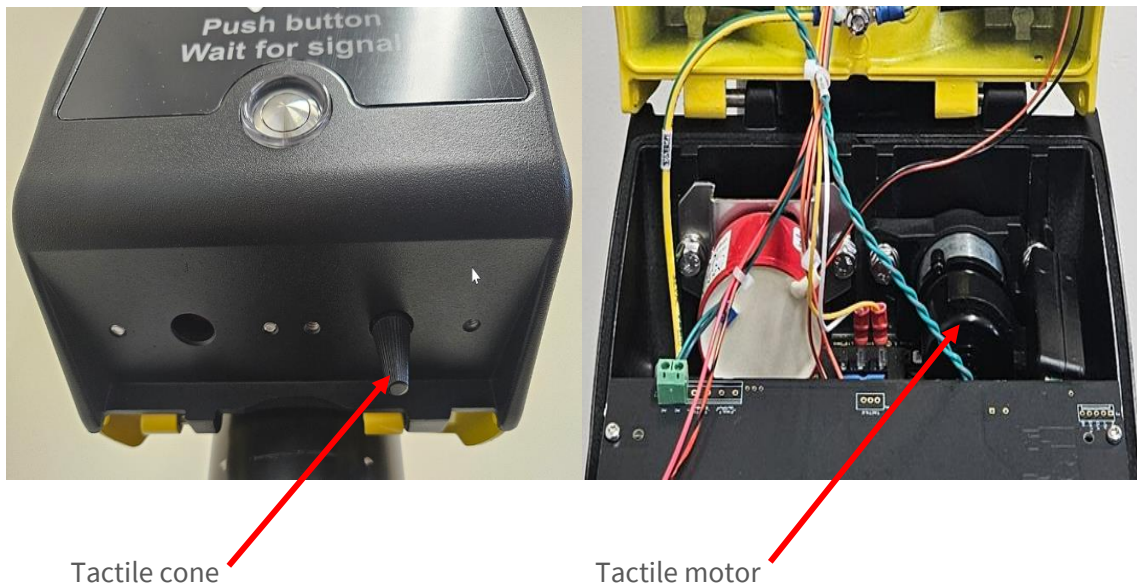
The purpose of this document is to give guidance and advise on the correct removal and installation procedure of the tactile cones on both ITE220/TU100 and MS-240-620 units using AGD MS-288 & AGD MS-289 replacement cone kits. AGD ITE220 & AGD MS-240 are universal products, and are suitable for fitting into a large number of pedestrian push button units. Specific units may not be covered by this document. This document and its contents are intended as a guide ONLY. Please ensure that manufacturer's instructions are followed at ALL times.

The advice note is to assist in addressing cone failures, typical examples shown below.



2. Tactile

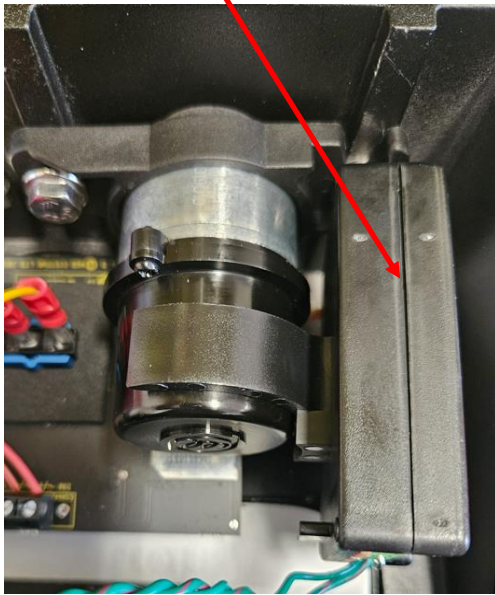
This document is specifically intended as a guide for the ITE220 & MS-240 series tactile cone replacement, if the cone is seized the unit must be replaced. Removal of the tactile unit is required to gain access to the split pin securing the cone to the motor spindle.



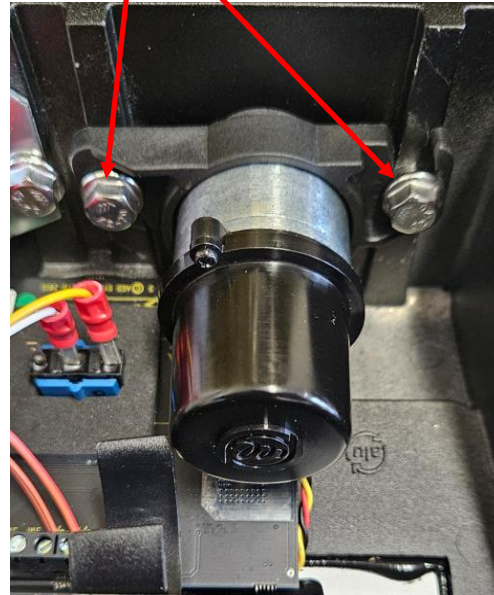
3. Tactile unit removal

Remove controller unit from tactile motor to allow access to M6 Hex head bolts for removal of unit from housing making sure power supply cores are disconnected.

Controller unit



M6 Hex bolts

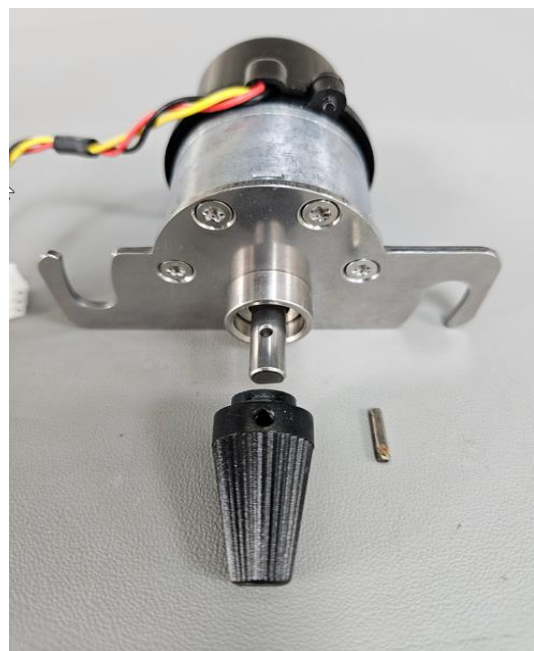
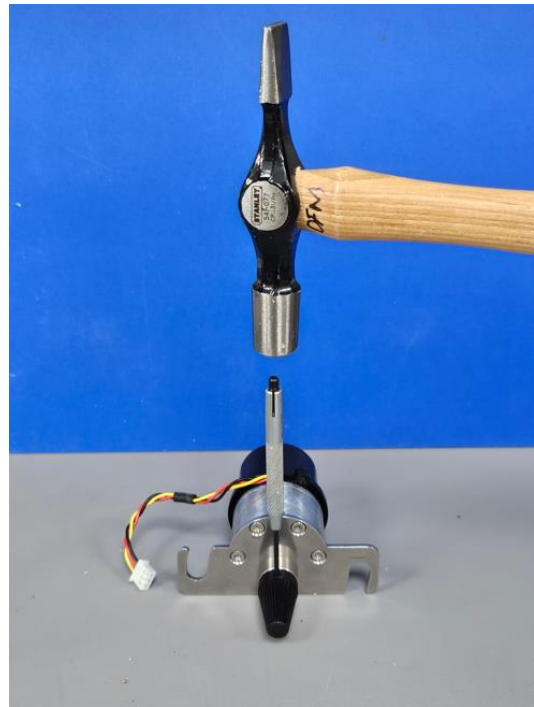
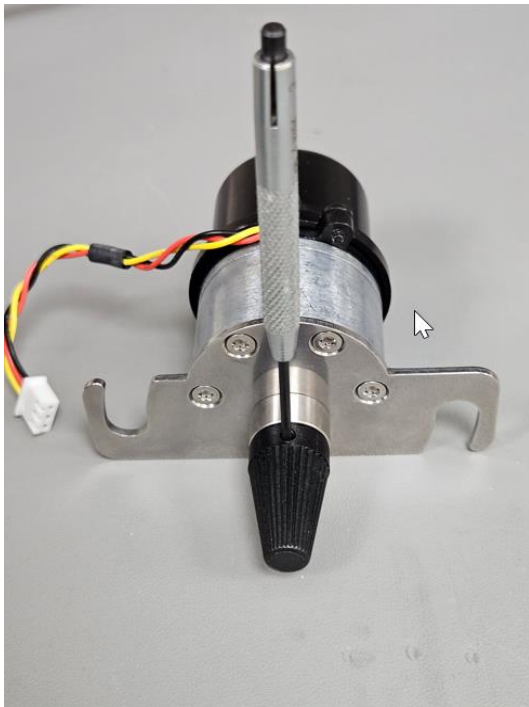


Power supply



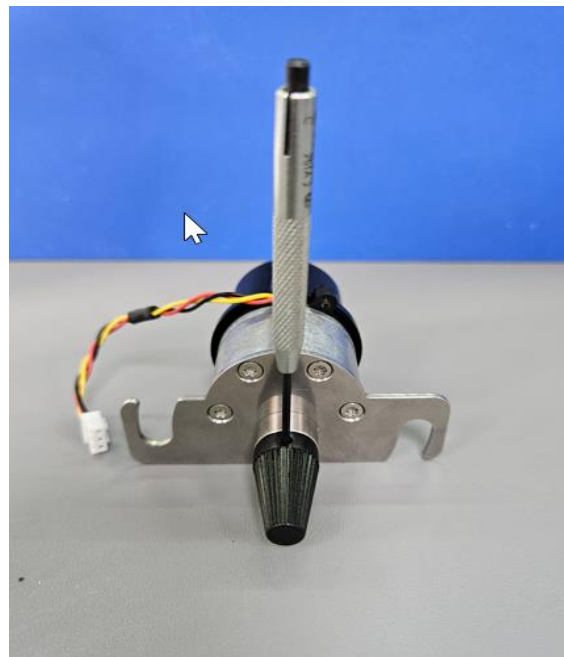
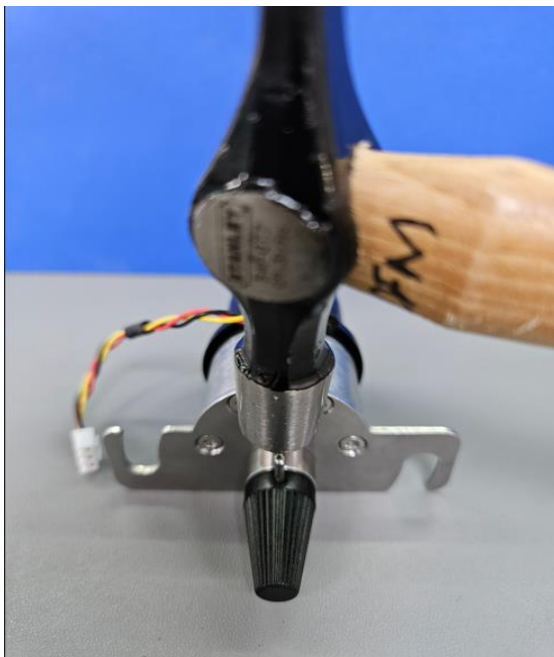
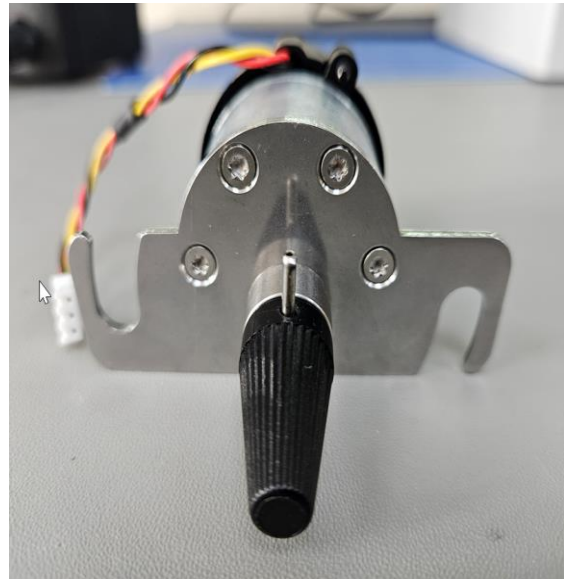
4. Removal of cone split pin

Support tactile unit on a suitable surface, use a pin hammer or similar to strike the 1.9mm drift punch to remove the split pin. It is recommended the task is undertaken at the service center.



5. Replacement of tactile cone

Using the applicable replacement cone kit MS-288 or MS-289, support tactile unit on suitable surface, place cone over the tactile motor spindle making sure holes are correctly aligned, insert pin and hammer pin until just proud of cone and using the drift punch for the final insertion to ensure the cone is not damaged.



6. Testing

It is recommended that the unit is powered up to ensure tactile cone rotates freely and is perpendicular to the motor.

7. Tactile unit replacement

This is a reversal of the process outlined in paragraph 3.

8. Parts list

ITE220/TU100 Tactile Replacement Cone Kit (x50) **AGD Item code MS-288**

MS-240-6xx Tactile Replacement Cone Kit (x50) **AGD Item code MS-289**

Facom Drift Punch, 1.9mm shank **RS Stock No: 784-5936**