TECHNICAL NOTE TN-1247-SR

**Tait Orca Vehicle Kit Firmware
Upgrade to V1.06**

9 February 2007

Applicability

This Technical Note applies to all new Tait Orca Vehicle Kits (TOPA-VK-002A), Vehicle Kit Spares (TOPA-VK-301), and Vehicle Kit Charger Only (TOPA-VK-600) built after 22 August 2006.

1.   Introduction

Details

The last full release of TOP Vehicle Kit firmware was v1.05. This has now been updated to v1.06.

2.   Details

What has changed?

The change to note is:
- Resolved issue where if Vehicle Kit was continuously powered, and a radio (with battery) was placed in the charger, then the battery would charge only once. It would then slowly discharge until drained, and power off. (Raised as TIMS 57193, FOCUS 25679).

First Serial Number

The new firmware will be placed in Vehicle Kits from **Serial Number 16909326** onwards.

IPN Details

The IPN for the new firmware IC is:
- 002-16871-03 IC MC68HC705P6A prog v1.06
- Circuit Reference: IC3

Note: This IC is surface mounted, therefore upgrading requires the existing IC be removed with a SMD rework device, and the new IC fitted likewise. All standard anti-static precautions should be followed when performing this upgrade.

Compliance Issues

None

CSO Instruction

CSO's – Please inform all dealers, logistics, sales and technical staff of these changes

3.   Issuing Authority

Name and Position of Issuing Officer	Tim Lummis Technical Support Enginner
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