INTRODUCTION

Motor Industry Association of New Zealand (Inc.) (MIA) member companies recognise the benefits of new technologies and fuels that will provide for significant reductions in the operating emissions of road vehicles in New Zealand. MIA members are cognisant of the responsibility to provide for the maximum level of recycling with minimal levels of land fill from vehicles and components at the end of their life.

With the introduction of fully and partially battery powered vehicles (EV/PHEV), combined with the increased availability of Hybrid Electric Vehicles (HEV) the MIA supports an industry code of conduct addressing the end of life treatment of traction battery components to ensure minimal environmental impact from traction battery disposal.

DEFINITIONS

For the purposes of this document the following definitions apply:-

MIA MEMBER

Means the organization in New Zealand, represented on the MIA, which is the accredited representative in New Zealand of an overseas manufacturer and which is responsible for the distribution of their vehicles in New Zealand and which has adopted this Code.

TRACTION BATTERY

Batteries including but not limited to Lithium Ion and Nickel Metal Hydride which are used in motor vehicles to store electrical energy for use in powering an on board electric motor used to motivate or assist in motivating the driven wheels of the vehicle.
CODE

MIA members will have suitable systems in place to monitor the use, capture, return, re-furbish/re-use or recycle/dispose of traction batteries from EV/PHEV/HEVs. The systems will include recovery mechanisms capable of maximizing the value from re-use of finite resources with the aim of no traction batteries ending up in landfills. MIA members may use internal company processes that comply with all relevant legislation or standards. Members will provide information to vehicle owners/operators on their preferred battery recycling program. Alternatively MIA members may join a battery recycling program that is accredited by the New Zealand Government.

OUTLINE OF PROCESS

- The holder of a traction battery (eg dealer, repairer) inspects traction battery;
- If the battery is leaking, damaged or has reached the end of its practical life, then contact OEM for recycling details
- OEM implements their internal process for recycling

PARTNERS

MIA members may enter into agreements with other sectors of the automotive industry to facilitate monitoring, recovery and recycling of batteries including:
- Franchised and non-franchised new and used vehicles
- Dealers vehicle maintenance service providers
- Vehicle repair providers
- Vehicle disposal providers

CODE REVIEW

This code of practice will be reviewed within 5 years of publication or if any relevant environmental laws or standards or amended.