

Chassis Identification System Overview and Implementation

Background

ANDRA has identified that a system is required to record the history of vehicles competing under its sanctioning. Currently if a Logbook is misplaced or superseded there is no documentation of vehicle history. It is important to know the history of a vehicle so that ANDRA and a vehicle owner, current, new or prospective has a full understanding of the potential safety implications of the vehicles history. Knowledge of a vehicles history is essential in, but not limited to, the following situations;

- Vehicle Purchase
- Vehicle Incident
- Vehicle Modification
- Vehicle Repair
- Stolen Vehicles
- Ownership Disputes
- Vehicles of Historical Significance

How will the system be used?

The system will involve the application of a Chassis I.D. to each vehicle that applies for a Logbook. The Chassis I.D. in physical form will be a metal tag (Figure 1) that is to be welded to the chassis, rollcage, frame or permanent structure of a vehicle. If the vehicle has a welded rollcage the Chassis I.D. Tag must be welded to the Taxi Bar or Side Intrusion Bar. If the vehicle has a removable rollcage, or welded rollcage with a removable Taxi Bar the Chassis I.D. Tag must be welded to a substantial section of the chassis in a position that is easily visible to an inspector during an inspection. If the vehicle does not have a Taxi Bar the Chassis I.D. Tag must be welded to a substantial section of the chassis in a position that is easily visible to an inspector during an inspection

Standard Chassis I.D. Tags are made from 4130 Chromoly. This material was chosen due to its good weldability with a variety of steels. Chassis I.D. Tags made from Aluminium, Stainless Steel and other metals will be available to a competitor at cost.

For owners of vehicles applying for a Logbook, Chassis I.D. Tags will be included in the Logbook Application or Renewal. If a vehicle owner desires a Chassis I.D. Tag prior to a Logbook Application, Chassis I.D. Tag will be charged at \$25.00.



Figure 1

How will the system be administered?

The new perpetual Logbook will have a section in the front page to document the Chassis I.D. This Logbook will be returned to ANDRA every two years with notes within it; these notes will be scanned into ANDRA's database against the chassis and the vehicle owner.

How will ANDRA ensure system adherence?

The system will be implemented over a two-year period. Over this period every vehicle that requires a Technical Inspection should be provided with a Chassis I.D. Tag. Once the two-year period is over the system will be policed in two ways:

1. During scrutineering of a Logbooked vehicle the Chassis I.D. will be checked, and the vehicle will be logged without a Chassis I.D. Tag welded to the chassis which corresponds with the Logbook chassis I.D. For vehicles that aren't scrutineered, the ESP form will be modified to include the Chassis I.D. Tag.
2. During a Technical Inspection the Technical Inspector will check for the Chassis I.D. Tag and its number against the number in the Logbook. If there is no Chassis I.D. Tag, then the vehicle will not pass the Technical Inspection and a new number will have to be applied for at a cost of \$75.00.

FAQ:

Q: I have an Aluminium framed motorbike; how can I weld on the Steel Chassis I.D. Tag?

A: You can apply to have an Aluminium Chassis I.D. Tag made up at cost.

Q: I have lost my Chassis I.D. Tag.

A: You can apply for a new Chassis I.D. Tag; a new number will be issued to the vehicle. The cost of this is \$75.00.

Q: I have a complete fully painted vehicle, how can I weld the Chassis I.D. Tag on?

A: You will have to remove the paint from a section, weld the Chassis I.D. Tag on, and finish it to your desire.

Q: The Chassis I.D. Tag are made from 4130 Chromoly, won't they rust?

A: 4130 Chromoly was chosen for its weldability properties. The Chassis I.D. Tag will rust unless covered with clear coat.

Q: When I received my Chassis I.D. Tag it already had small rust spots, what should I do?

A: Sand down with fine (1200 plus) sandpaper ensuring that the etching is not removed.

Q: Why is ANDRA making this all so difficult?

A: The system is not intended to create difficulty. ANDRA understands that having to weld the Chassis I.D. Tag on a finished vehicle is an inconvenience, but the ongoing benefits of the system are deemed to be greater than the initial inconvenience.