**Technical Report**

**1.- Vehicle Data**

Brand :INCAPOWERKm 2267

Chassis :001840

Model Citizen II year 2014

**2. Inspection of gearbox problems**

 Proceed to revision Floor Villa.

**3. Problem presented**

 The first gear box change is inserted periodically. ( faulty average : two times per day ) .

**4. Diagnosis**

synchronizers second and third sets excessive wear. (Change required)

synchronizers third and fourth sets excessive wear. (Change required)

 Full defective cover, shift selectors with excessive wear. (Change required)

**5. Work to be done**

synchronizers for second and third sets Model FD60 was installed.

synchronizer for fourth and fifth sets of model was installed FD60

sets needle bearings FD60 propeller shaft was installed.

filming needle assemblies second and third model was installed FD60

 complete housing cover (fork, fork shafts, selector fork) FD60 model was installed.

selector and transverse axis gearbox model was installed FD60

**6. Work to be done**

 induction should be given to the user management because with this new model FD60 Full cover knob will change as follows:

**7. Recommendation**

 These gearboxes are not synchronized carrying semi synchronizer rings in the first reverse speeds and therefore should be in velocity = 0 to insert these changes; never having to make catches or gear recesses.