

EXHIBIT C

IMMOBILIZER SYSTEM

MDL : SIS - 01B

SHIN CHANG ELECTRICS CO., LTD.

MAY 7, 1998

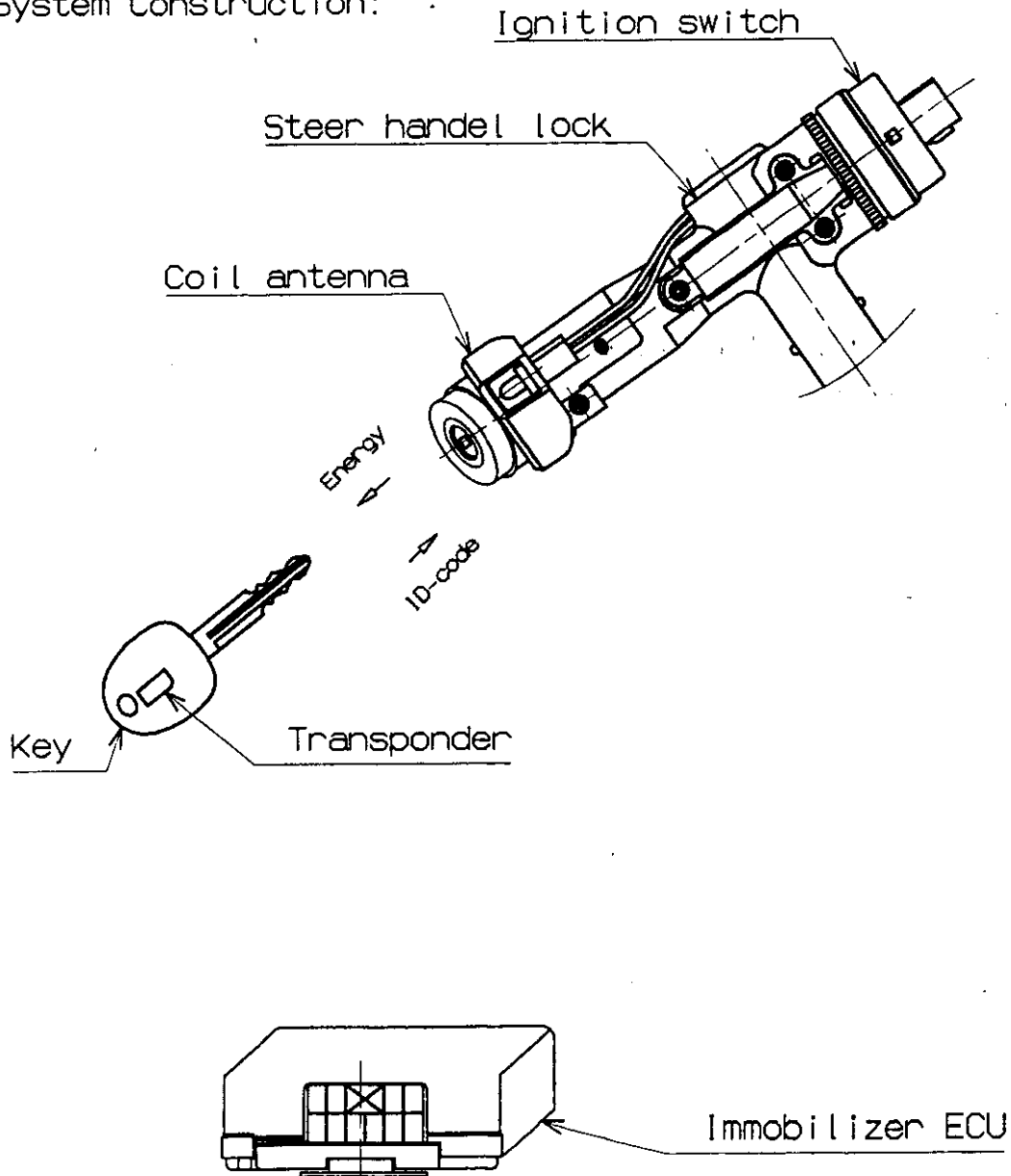
TECHNICAL DESCRIPTION

1. Name: Immobilizer System

This system is to be installed on motor vehicles as OE(original equipment) item.

It is intended to prevent unauthorized use of the vehicles.

2. System Construction:



3. Specification: See attachment 1.

4. System block diagram: See attachment 2.

5. Operation Summary: See attachment 3.

6. Bill of Materials: See attachment 4.

SPECIFICATION

(attachment 1)

1. Immobilizer

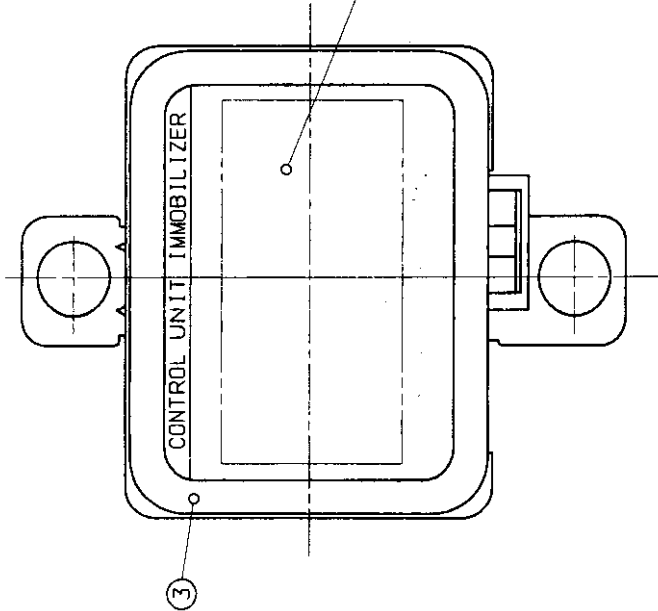
Items	Performance
Nominal voltage	12V
Operating voltage	8 - 16v
Under voltage protection	Reset < 6v
Operating temperature	-30 - +80°c
Operating current	30mA(typ) 500mA(max)
Frequency(transmitting)	134.2 KHz±1%
Frequency(receiving)	128.7 KHz±3%
Modulation	Unmodulated carrier
Antenna output(Max)	60dB uV/m at 10m
Transmission time per 1 cycle	50ms
Intermit time per 1 cycle	40ms
Intermittently continuous time	Max. 10s

(attachment 3)

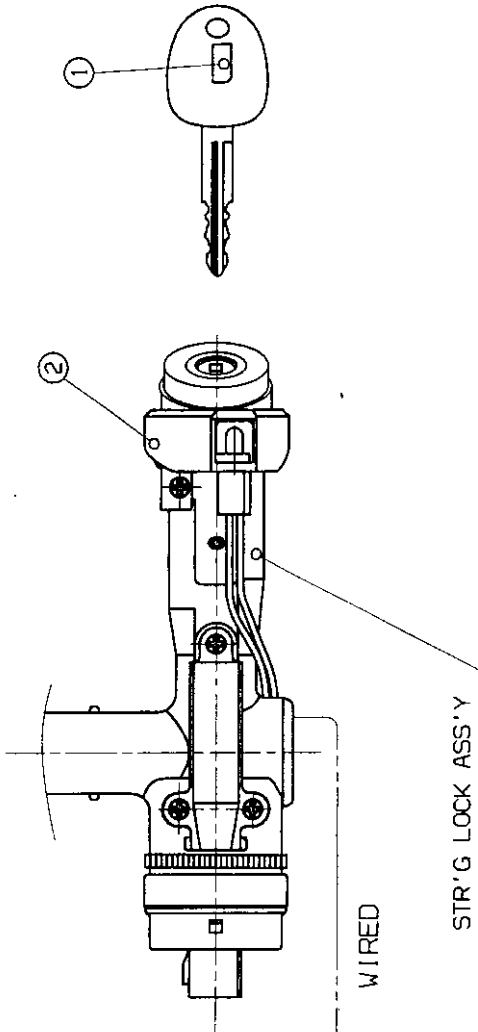
Operating Summary

1. By the driver of the vehicle, the key (a transponder incorporated the key grip has a certain ID-code already registered to the controller) is inserted into the key cylinder and rotated to the "ignition on" position.
2. As ignition switch is turned on, Transponder is energized by Coil antenna.
(Then the electromagnetic wave generated in the coil antenna supplies the electric power by means of electromagnetic induction to the transponder incorporated in the key grip 50ms transmission and 40ms intermit per one cycle:total 10s Max.)
3. On energizing, Transponder transmits ID-code to Coil antenna.
4. Immobilizer control unit receive the ID-code and compare with the valid ID-code stored in immobilizer EPPROM.
5. Engine control unit transmits Question-code to Immobilizer control unit using SIO LINE.
6. After receiving Question-code, Immobilizer control unit transmits Answer-code to Engine control unit.
7. After receiving Answer-code, Engine control unit has responsibility for the running or not of the Engine until ignition switch is turned off.

NO	PART NO	PART NAME	Q'TY	REMARKS
1	350603-1130	TRANSPONDER	1	
2	350616-2100	ANTENNA COIL ASS'Y	1	
3	350810-1000	IMMO' CONTROL UNIT ASS'Y	1	

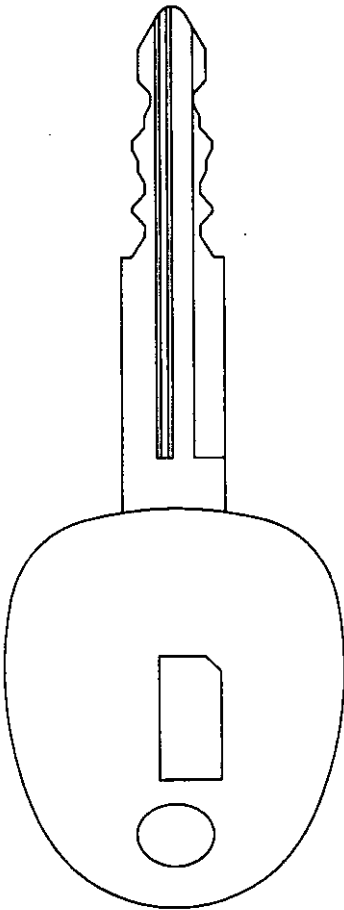


APPROVAL MARKING MANUFACTURERS
NAME, MOL, SERIAL NO., ETC.

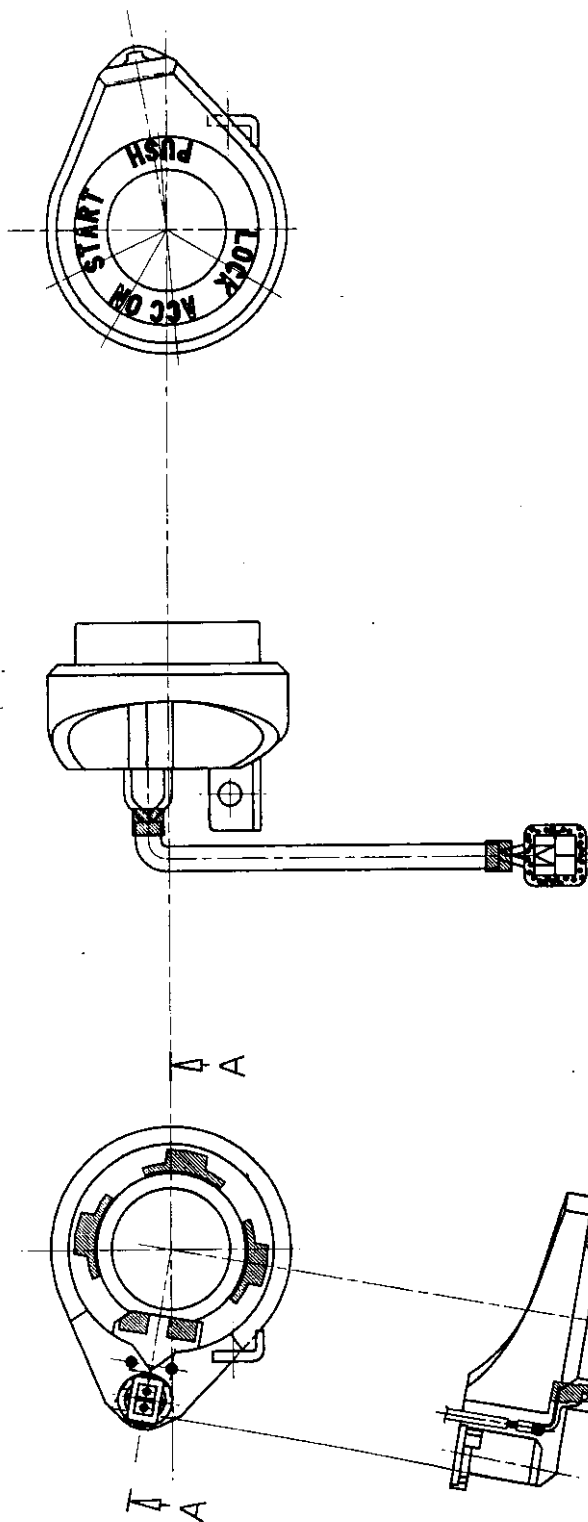


APPLIED VEHICLE TYPE
HYUNDAI EF (STD)

NAME	IMMOBILIZER
MODEL	SIS-01B
SCALE	FREE



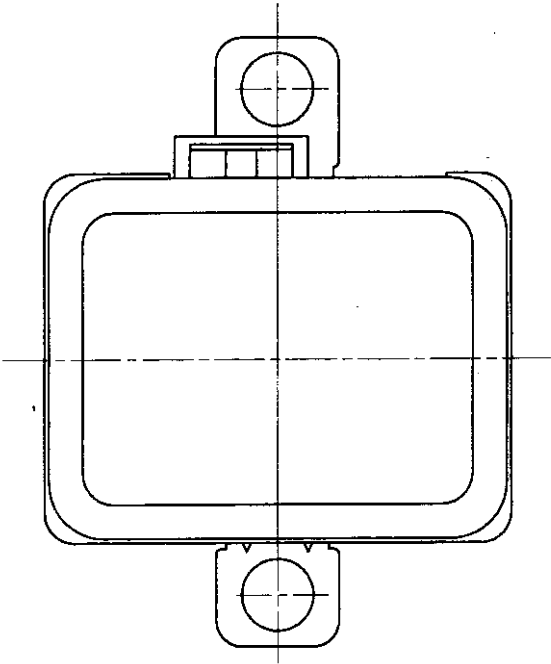
NAME	TRANSPONDER
PART NO.	350603 - 1130
SCALE	FREE



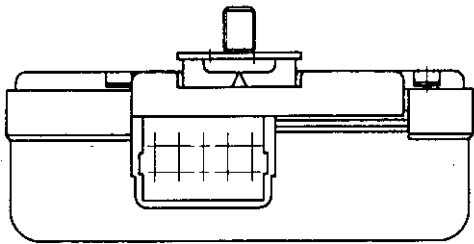
SPECIFICATIONS	
Inductance:	30 ±3μH(f=134.2 kHz)
Q Factor:	10(MAX) f=134.2KHz
Operating temperature:	-30°c ~ 80°c
DC Resistance:	1(MAX)

NAME	ANTENNA COIL ASS'Y
PART NO.	350616 - 2100
SCALE	FREE

SECTION A-A



TOP VIEW



SIDE VIEW

NAME	IMMO' CONTROL UNIT ASS'Y
PART NO.	350810 - 1000
SCALE	FREE