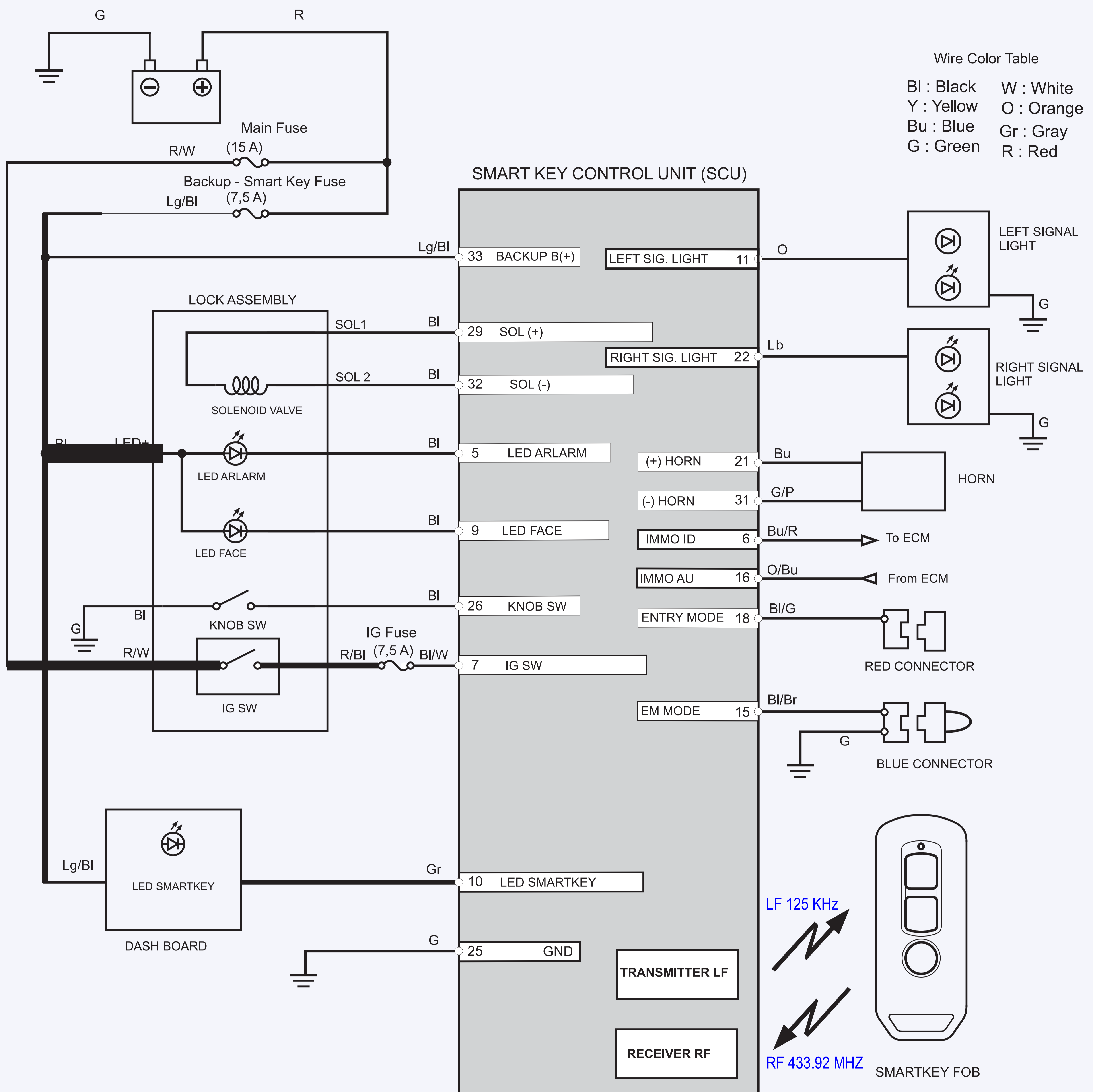
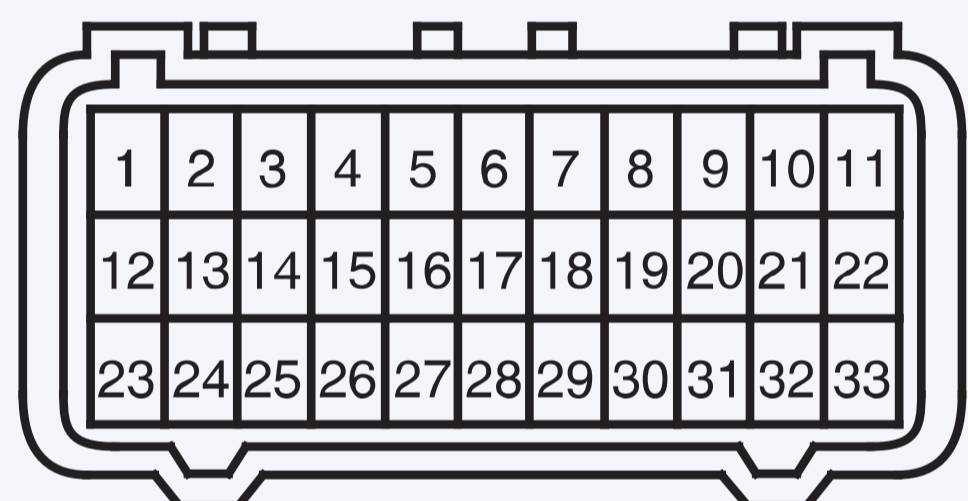


HONDA SMART KEY SYSTEM WIRING DIAGRAM

MODEL: SH125D/150D/ SH MODE/ PCX/ X-ADV



TECHNICAL DATA SHEET



SCU CONNECTOR 33 PIN (Black)

PIN	WIRE COLOR	PIN NAME		FUNCTION	SIGNAL
		ENG	MYANMAR		
5	Black	ALARM IND		Control LED Alarm	
6	Blue/ Red	IMMOID		Sen ECM ID to ECM	Signal
7	Black/ White	MAIN SW		IG SW Status	ON: 12V OFF: 0V
9	Black	FACE LED		Control LED FACE	
10	Gray	SMART IND		Control Smart Key light	ON: 0V OFF: 12V
11	Orange	HAZARD L		Left signal light	ON: 12V OFF: 0V
15	Black/ Brown	EM MODE		Set program mode	Program mode: 0V Normal mode: 5V
16	Orange/ Blue	IMMOAU		Confirm ECM ID and fault code	Signal
18	Black/ Green	ENTRY MODE		Set program mode	Program Mode: 12V Normal Mode: 0V
21	Blue	BUZZER 1		(+) 12V Horn	12V
22	Light Blue	HAZARD R		Right signal light	ON: 12V OFF: 0V
25	Green	GND		Mass GND	0V
26	Black	KNOB SW		Wake up SCU signal	Wake up SCU: 0V Sleep: 5V
29	Black	SOL(+)		(+) 12V Solenoid valve	12V
31	Green/ Pink	BUZZER 2		(-) Horn	ON: 0V OFF: 12V
32	Black	SOL(-)		(-) 12V Solenoid valve	ON SOL: 0V OFF SOL: 12V
33	Light Green/ Black	BACK UP		(+) 12V SCU	12V

Note:
 - SCU: Smart Key Control Unit
 - ECM: Engine Control Module

PIN	MOTOCYCLE STATUS
5	LED Alarm don't work
6	- Engine can't start. - FI engine light don't work. - Smart Key light blink 4 times.
7	- Can't start engine. - FI engine light don't work . - Smart Key ON 15– 20s, then OFF - Smart Key light don't OFF after IG lock turn ON
9	LED FACE don't work
10	Smart Key light don't work
11	Left signal light don't work
15	- Can't set emergency mode. - Can't produce the replacenew SCU
16	Smart Key light don't run if replacenew SCU
18	- Can't add new key. - Can't produce the replacment new SCU
21	Horn don't sound
22	Right signal light don't work
25	Smart Key system don't work - Can't open IG lock - Can't find bike.
26	Press the Knob SW. - LED FACE don't work. - Solenoid valve don't work
29	Solenoid valve don't work Can't open IG lock
31	Horn don't sound
32	Solenoid valve don't work Can't open IG lock
33	Smart Key system don't work - Can't wake up SCU, open IG lock - Answer back system don't work