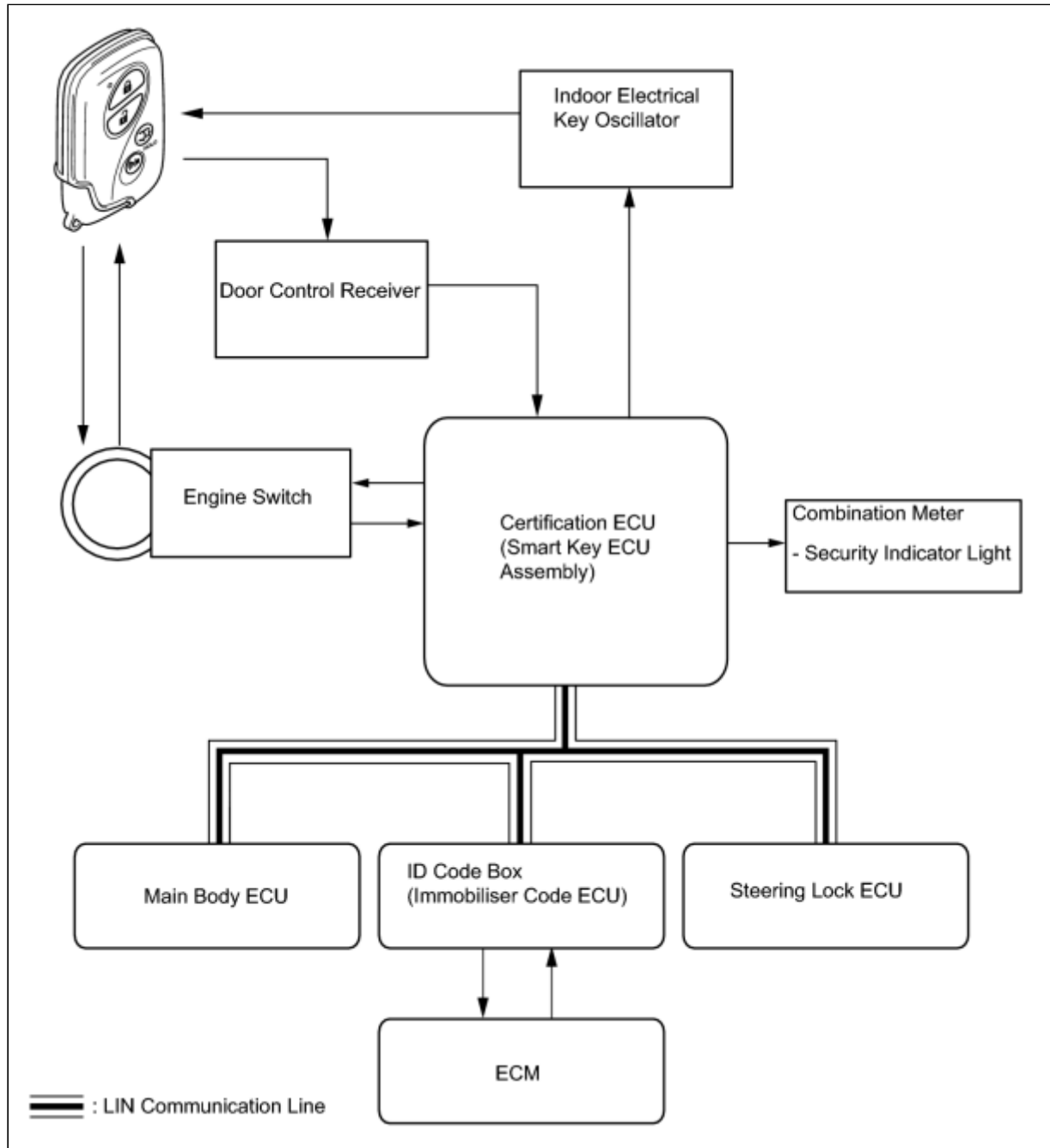


Last Modified: 11-27-2007		1.6 U
Service Category: Vehicle Interior	Section: Theft Deterrent/Keyless Entry	
Model Year: 2008	Model: LX570	Doc ID: RM000000QYD01PX
Title: THEFT DETERRENT / KEYLESS ENTRY: ENGINE IMMOBILISER SYSTEM: SYSTEM DIAGRAM (2008 LX570)		

SYSTEM DIAGRAM



Communication Table

TRANSMITTING ECU (TRANSMITTER)	RECEIVING ECU (RECEIVER)	SIGNAL	COMMUNICATION METHOD
Certification ECU (smart key ECU assembly)	Main body ECU	- Engine immobiliser system set/unset signal - Engine start signal - Transponder valid signal	LIN

TRANSMITTING ECU (TRANSMITTER)	RECEIVING ECU (RECEIVER)	SIGNAL	COMMUNICATION METHOD
		- Steering unlock demand signal - Steering lock demand signal	
Main body ECU	Certification ECU (smart key ECU assembly)	- Key code recognition signal - Engine start operation signal - ACC relay activation signal - IG relay activation signal	
ID code box (immobiliser code ECU)	Certification ECU (smart key ECU)	- Matching request random number signal - EFI code reception signal - Engine start permission demand reception signal - S code verification result signal - L code verification result signal - Steering unlock demand reception signal - Steering lock demand reception signal	
	Steering lock ECU	- Steering lock release signal - Matching request random number signal	
Steering lock ECU	Certification ECU (smart key ECU)	L code verification signal	

