

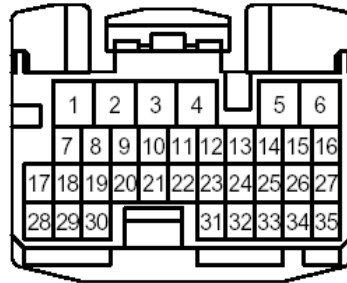
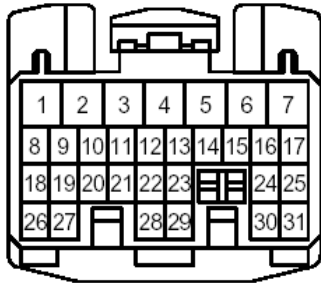
## Lexus IS300 ECU Harness

Connector A

Connector B

E 3

E 4

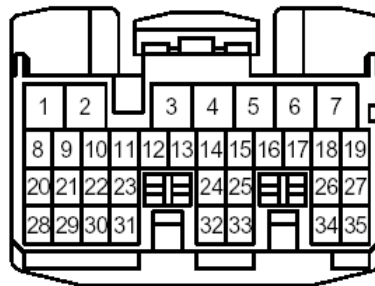
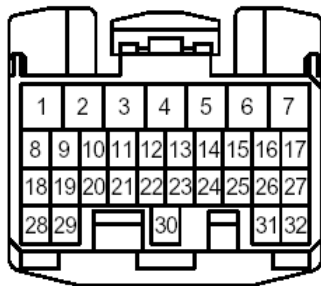


Connector C

Connector D

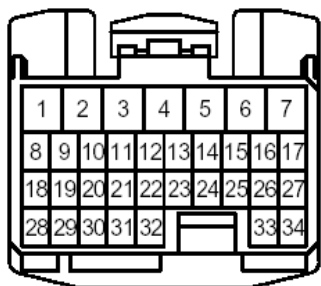
E 5

E 6



Connector E

E 7



<b>Connector/Pin #</b>	<b>Signal</b>	<b>Full name/Destination</b>	<b>Wire Color</b>	<b>Purpose</b>
A1	EOM	Chassis Ground	White/Black	
A2	EC	Chassis Ground	White/Black	
A3		Not Used		
A4	BATT	EFI Relay Battery Power	Black/Yellow	

A5	B2	EFI Relay Power	Black/Red	
A6	B	EFI Relay Power	Black/Red	
A7	BM	ETCS Power	Blue/White	
A8	ST1-	Stop Switch	Black/Blue	
A9		Not Used		
A10		Not Used		
A11	KSW	To Unlock Warning	Black/Yellow	
A12	STA	From Park Position Switch	Black	
A13	MREL	Main relay turn on	Black/Orange	
A14	FC	Circuit Opening Relay (Roll)	Green/Yellow	
A15	FPR	Fuel Pump relay	Green/Red	
A16	ACMG	From A/C Compressor Relay	Blue/White	
A17	IGSW	Switched Ignition	Black/Orange	
A18	TAM	A/C Ambient Temp Sensor	Light Green/Red	
A19		Not Used		
A20	F/PS	From Center Airbag Sensor Assy	Blue	
A21		Not Used		
A22		Not Used		
A23		Not Used		
A24		Not Used		
A25	PRE	A/C Dual Pressure Switch	Blue/Yellow	
A26	SIL	OBD Data Feed	White	
A27		Not Used		
A28		Not Used		
A29		Not Used		
A30	IMLD	Security Indicator Lamp	Blue/Black	
A31	CODE	To Immobilizer	Green/Black	
B1		Not Used		
B2	W	Mil Lamp Indicator	Red/Blue	
B3	TC	To DLC3 Connector	Red/White	
B4	STP	From Stop Switch	Green/White	
B5	SFTD	E-Shift Down	Grey/Red	
B6	SFTU	E-Shift up	Grey/Green	A/T Only
B7	HT1B	Bank1, Sensor2, Heater	Green/Black	A/T Only
B8	HT2B	Bank2 Sensor2, Heater	Red/White	
B9	NEO	To Vehicle Skid Control	Green	
B10	TBP	Pressure Switching Valve VSV	Pink	
B11	SPD	To Combination Meter	White/Blue	
B12		2 A/T Indicator	Yellow/Green	M/T Only
B13	CLSW	Cruise Control Clutch Switch	Yellow/Red	A/T Only
B14		4 To Shift Lock ECU	Light Green/Black	M/T Only
B15	L	Trans Control switch	Green/Yellow	A/T Only
B16	TACH	Tach to Meter	Black	A/T Only
B17	OX2B	Bank2 Sensor2, O2 Signal	White	
B18	TRC+	From Vehicle Skid Control	Red/Yellow	
B19	ENG+	To Vehicle Skid Control	Blue/Black	
B20	MPX2	Multiplex Communications	Orange	
B21	MPX1	Multiplex Communications	Blue	
B22	WFSE	OBD Data Feed	Light Green	
B23	TXCT	To Immobilizer	Pink/Black	
B24	RXCK	To Immobilizer	Violet	
B25	PTNK	Vapor Pressure Sensor	Blue/White	
B26		Not Used		
B27		Not Used		
B28	OX1B	Bank1, Sensor2, O2 Signal	White	
B29	TRC-	From Vehicle Skid Control	White/Green	
B30	ENG-	To Vehicle Skid Control	Pink	
B31	CCS	Cruise Control Switch	Blue/Red	

B32	VPA2	Sub TPS, Idle input	Blue/White	
B33	VPA	Sub-TPS Input	Pink/Blue	
B34	E2	Sensor Ground	Brown	
B35	VC	5V Reference	Blue/Yellow	
C1	E02	Chassis Ground	White/Black	
C2	E01	Chassis Ground	White/Black	
C3	ME01	Chassis Ground	Brown	
C4		Not Used		
C5		Not Used		
C6		Not Used		
C7	IGF	Ignitor Fault Detection	Black/Blue	
C8		Not Used		
C9		Not Used		
C10		Not Used		
C11		Not Used		
C12		Not Used		
C13	IGT	Ignitor 1	Grey/Black	
C14		Not Used		
C15	#60	Injector No. 6	Black/White	
C16	#40	Injector No. 4	Red/White	
C17	#20	Injector No. 2	Blue	
C18		Not Used		
C19		Not Used		
C20		Not Used		
C21	ACIS	ACIS VSV	Yellow/Green	
C22	CCV	Canister Closed Valve	Yellow/Red	
C23	PSP	Power Steering Oil Press. Sensor	Violet	
C24	THW	Engine Coolant temp	Red	
C25		Not Used		
C26	EVG	MAF Ground	Blue/White	
C27	VG	MAF Input	Green/Black	
C28	OX2A	Bank2,Sensor1, O2 Signal	Black	
C29		Not Used		
C30	HT2A	Bank2,Sensor1, Heater	Pink	
C31		Not Used		
C32	THA	MAF Temp Input	Blue/Black	
D1	KNK1	Knock Sensor #1	Black	
D2	KNK2	Knock Sensor #2	White	
D3	N	A/T Indicator	Green/Red	
D4	3	A/T Indicator	Green/White	A/T Only
D5	R	A/T Indicator	Red/Black	A/T Only
D6	P	A/T Indicator	Green	A/T Only
D7	E1	Chassis Ground	Brown	A/T Only
D8		Not Used		
D9	HT1A	Bank1, Sensor 1, Heater	Light Green	
D10	SLU-	A/T Controls	Light Green/Black	
D11	SLU+	A/T Controls	Green/White	
D12	SLN-	A/T Controls	Red/White	A/T Only
D13	SLN+	A/T Controls	Yellow/Red	A/T Only
D14	MOL	Engine Oil Level Sensor	White/Red	A/T Only
D15	RL	Alternator Status	Blue/Red	
D16	S4	A/T controls	Black/Red	
D17	S3	A/T Controls	White/Blue	A/T Only
D18	S2	A/T Controls	Green/Yellow	A/T Only
D19	S1	A/T Controls	Yellow	A/T Only
D20	NCO-	O/D Clutch Ground	Green	A/T Only
D21	NCO+	O/D Clutch Speed Sensor	Red	A/T Only

D22	SP2-	VSS For A/T Ground	Red/Blue	A/T Only
D23	SP2+	VSS For A/T	Blue/Yellow	A/T Only
D24		Not Used		
D25		Not Used		
D26		Not Used		
D27	OIL	A/T Controls	Grey	
D28	OX1A	Bank1, Sensor 1, O2 Signal	White	A/T Only
D29		Not Used		
D30		Not Used		
D31		Not Used		
D32		Not Used		
D33		Not Used		
D34	SLT-	A/T Controls	Red/Black	A/T Only
D35	SLT+	A/T Controls	Black/Yellow	A/T Only
E1	GEO1	Shield for Throttle Control Motor	Black	
E2	M-	Throttle Control Motor	Red	
E3	M+	Throttle Control Motor	White	
E4	E03	Chassis Ground	Brown	
E5	OCV-	VVTI Control Signal Return	Yellow/Black	
E6	OCV+	VVTI Control Signal	Red/Yellow	
E7	MOPS	Engine Oil Pressure Switch	Grey	
E8	FAN	No1. and No2. Fans	Blue/Black	
E9	CL-	Throttle Control Motor	Yellow	
E10	CL+	Throttle Control Motor	Red/White	
E11	PRG	Cannister Purge	White/Green	
E12		Not Used		
E13	#50	Injector No. 5	Blue/Red	
E14	#30	Injector No. 3	Violet	
E15	#10	Injector No. 1	Red	
E16		Not Used		
E17		Not Used		
E18		Not Used		
E19		Not Used		
E20		Not Used		
E21		Not Used		
E22		Not Used		
E23		Not Used		
E24	VTA2	TPS, Idle input	Green/Yellow	
E25	VTA	TPS Input	White/Red	
E26	IGT3	Ignitor 3	Black/Yellow	
E27	IGT2	Ignitor 2	Black/Red	
E28		Not Used		
E29	G2	Camshaft Position Sensor	Green	
E30		Not Used		
E31	NE	Crankshaft Position Sensor	Black/White	
E32	NE-	Ground for Cam/Crank sensors	Blue	
E33		Not Used		
E34	LCK1	A/C Clutch Lock Sensor	White/Blue	