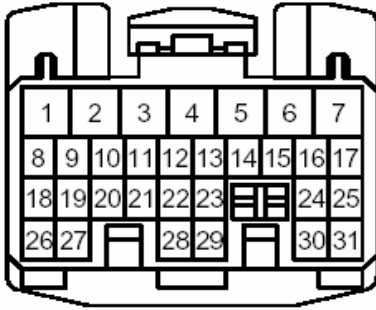


Lexus IS300 ECU Harness

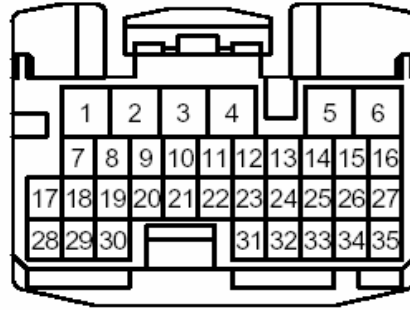
Connector A

E 3



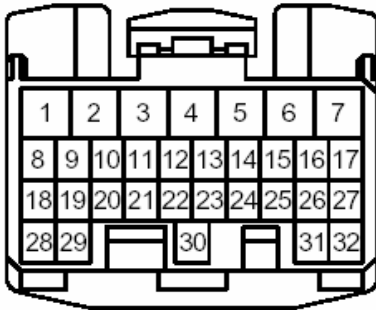
Connector B

E 4



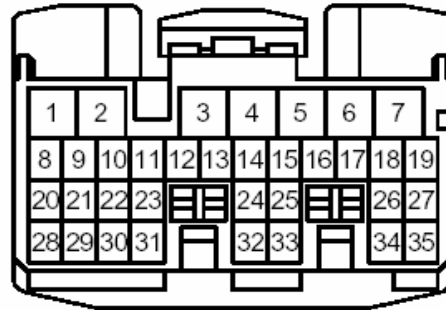
Connector C

E 5



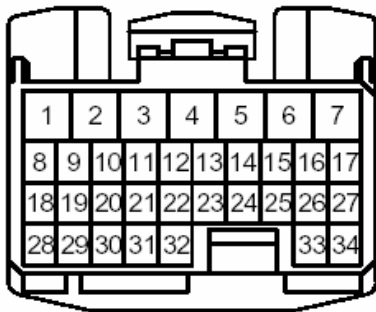
Connector D

E 6



Connector E

E 7



Connector/Pin #	Signal	Full name/Destination	Wire Color	Notes	
A1	EOM	Chassis Ground	White/Black		
A2	EC	Chassis Ground	White/Black	w	
A3		Not Used			
A4	BATT	EFI Relay Battery Power	Black/Yellow	w-b	
A5	B2	EFI Relay Power	Black/Red	switched +	
A6	B	EFI Relay Power	Black/Red		
A7	BM	ETCS Power	Blue/White	w-b	
A8	ST1-	Stop Switch	Black/Blue		
A9		Not Used			
A10		Not Used			
A11	KSW	To Unlock Warning	Black/Yellow	used with pfs relay	
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	w-b	
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	w?

B17	OX2B	Bank2 Sensor2, O2 Signal	White		w-b
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		w-b
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		w?
B33	VPA	Sub-TPS Input	Pink/Blue		w?
B34	E2	Sensor Ground	Brown		
B35	VC	5V Reference	Blue/Yellow		w?
C1	E02	Chassis Ground	White/Black		
C2	E01	Chassis Ground	White/Black		
C3	ME01	Chassis Ground	Brown		w
C4		Not Used			
C5		Not Used			
C6		Not Used			
C7	IGF	Ignitor Fault Detection	Black/Blue		w-b
C8		Not Used			
C9		Not Used			
C10		Not Used			
C11		Not Used			
C12		Not Used			
C13	IGT	Ignitor 1	Grey/Black		w
C14		Not Used			
C15	#60	Injector No. 6	Black/White		w
C16	#40	Injector No. 4	Red/White		w
C17	#20	Injector No. 2	Blue		w
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		w
C25		Not Used			
C26	EVG	MAF Ground	Blue/White		
C27	VG	MAF Input	Green/Black		w?
C28	OX2A	Bank2,Sensor1, O2 Signal	Black		w-b
C29		Not Used			
C30	HT2A	Bank2,Sensor1, Heater	Pink		w-b
C31		Not Used			

C32	THA	MAF Temp Input	Blue/Black		w?
D1	KNK1	Knock Sensor #1	Black		w-i
D2	KNK2	Knock Sensor #2	White		w-i
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		w-b
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	w-b
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		w
E5	OCV-	VVTI Control Signal Return	Yellow/Black		IAC PWM?
E6	OCV+	VVTI Control Signal	Red/Yellow		IAC PWM?
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		w

E14	#30	Injector No. 3	Violet		w
E15	#10	Injector No. 1	Red		w
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		w? no
E25	VTA	TPS Input	White/Red		w
E26	IGT3	Ignitor 3	Black/Yellow		w
E27	IGT2	Ignitor 2	Black/Red		w
E28		Not Used			
E29	G2	Camshaft Position Sensor	Green		
E30		Not Used			
E31	NE	Crankshaft Position Sensor	Black/White		w
E32	NE-	Ground for Cam/Crank sensors	Blue		w?
E33		Not Used			
E34	LCK1	A/C Clutch Lock Sensor	White/Blue		