

	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
L	WIRE INFORMATION FOR HARNESS: P92-4000-000																
	LAYER	CIRCUIT NUMBER	FROM COMPONENT	TERM	TO COMPONENT	TERM	C OF C	WIRE SIZE	WIRE GAUGE	WIRE TYPE	DESCRIPTION						
	00	BLU3141-0	P101 P20-6152-0710	51	P103 P20-1133-47-5-0	22		0.8mm ²	(18)	GXL	PT SENSE POSITION #1						
	00	BLU3211-5	P101 P20-6152-0710	45	P130 K333-546	C		0.8mm ²	(18)	GXL	EXH CATALYST INLET TEMP SENS						
	00	BLU3212-1	P101 P20-6152-0710	48	P130 K333-546	D		0.8mm ²	(18)	GXL	EXH INLET TEMP SENSOR						
	00	BLU3213-1	P101 P20-6152-0710	54	P130 K333-546	E		0.8mm ²	(18)	GXL	EXH OUTLET TEMP SENSOR						
	00	BLU4527-0	P101 P20-6152-0710	57	P103 P20-1133-47-5-0	7		0.8mm ²	(18)	GXL	AMBIENT AIR TEMP SIGNAL						
	00	BLU4564-0	P101 P20-6152-0710	44	P112 K333-553	B		0.8mm ²	(18)	GXL	COOLANT SENSOR SIG						
	00	BLU4586-2	P101 P20-6152-0710	35	P130 K333-546	K		0.8mm ²	(18)	GXL	VEHICLE SPEED SENSOR (+)						
	00	BRN4311-0	P101 P20-6152-0710	16	P103 P20-1133-47-5-0	42		0.8mm ²	(18)	GXL	CHECK ENGINE LAMP						
	00	BRN4312-0	P101 P20-6152-0710	8	P103 P20-1133-47-5-0	43		0.8mm ²	(18)	GXL	STOP ENGINE LAMP						
	00	BRN4330-0	P101 P20-6152-0710	9	P103 P20-1133-47-5-0	3		0.8mm ²	(18)	GXL	OBD MIL						
	00	GRA3912-1	T121 K333-46-2	1	P103 P20-1133-47-5-0	10		0.8mm ²	(18)	GXL	STARTER SW TO RELAY						
	00	GRN0812-0	P101 P20-6152-0710	18	R114 P20-1194-20	1B	△	0.75mm ²	(19)	XLPOLY	J1939 V-CAN (-)						
	00	GRN0812-1	P114 P20-1193-1202G	1	P103 P20-1133-47-5-0	30	△	0.75mm ²	(19)	XLPOLY	J1939 V-CAN (-)						
	00	GRN3141-0	P101 P20-6152-0710	41	P103 P20-1133-47-5-0	23		0.8mm ²	(18)	GXL	PT RETURN #1						
	00	GRN4586-2	P101 P20-6152-0710	34	P130 K333-546	J		0.8mm ²	(18)	GXL	VEHICLE SPEED SENSOR (-)						
	00	ORN3112-0	P101 P20-6152-0710	3	P103 P20-1133-47-5-0	21		0.8mm ²	(18)	GXL	ECU WAKE UP						
	00	RED3111-3	S110 SPLICE	1	J142 P20-1158-102	1		3.0mm ²	(12)	GXL	ECU POWER, BATTERY (+)						
	00	RED3111-4	S108 SPLICE	1	J142 P20-1158-102	2		3.0mm ²	(12)	GXL	ECU POWER, BATTERY (+)						
	00	RED3111-5	P101 P20-6152-0710	1	S110 SPLICE	1		0.8mm ²	(18)	GXL	ECU POWER, BATTERY (+)						
	00	RED3111-6	P101 P20-6152-0710	11	S108 SPLICE	1		0.8mm ²	(18)	GXL	ECU POWER, BATTERY (+)						
	00	RED3111-7	P101 P20-6152-0710	2	S110 SPLICE	1		0.8mm ²	(18)	GXL	ECU POWER, BATTERY (+)						
	00	RED3111-8	P101 P20-6152-0710	12	S108 SPLICE	1		0.8mm ²	(18)	GXL	ECU POWER, BATTERY (+)						
	00	VIO3141-0	P101 P20-6152-0710	42	P103 P20-1133-47-5-0	12		0.8mm ²	(18)	GXL	PT SUPPLY #1 (+5V)						
	00	WHT3111-0	S109 SPLICE	1	T101 K333-46-11	1		5.0mm ²	(10)	GXL	ECU RETURN, BATTERY (-)						
	00	WHT3111-1	P101 P20-6152-0710	21	S109 SPLICE	1		0.8mm ²	(18)	GXL	ECU RETURN, BATTERY (-)						
	00	WHT3111-2	P101 P20-6152-0710	22	S109 SPLICE	1		0.8mm ²	(18)	GXL	ECU RETURN, BATTERY (-)						
	00	WHT3111-3	P101 P20-6152-0710	31	S109 SPLICE	1		0.8mm ²	(18)	GXL	ECU RETURN, BATTERY (-)						
	00	WHT3111-4	P101 P20-6152-0710	32	S109 SPLICE	1		0.8mm ²	(18)	GXL	ECU RETURN, BATTERY (-)						
	00	YEL0812-0	P101 P20-6152-0710	17	R114 P20-1194-20	2B	△	0.75mm ²	(19)	XLPOLY	J1939 V-CAN (+)						
	00	YEL0812-1	P114 P20-1193-1202G	2	P103 P20-1133-47-5-0	31	△	0.75mm ²	(19)	XLPOLY	J1939 V-CAN (+)						
	00	YEL3191-0	P101 P20-6152-0710	15	P118 K333-516	A		0.8mm ²	(18)	GXL	FAN CLUTCH SOLENOID VALVE						
	00	YEL7111-0	P107 16-06461	B	P103 P20-1133-47-5-0	4		1.0mm ²	(16)	GXL	AC COMPRESSOR CLUTCH						
	02	GRN3116-0	P101 P20-6152-0710	13	P118 K333-516	B		0.8mm ²	(18)	GXL	COMMON RTN #2 (GENERAL)						
	03	GRN3116-1	P101 P20-6152-0710	13	S114 SPLICE	1		0.8mm ²	(18)	GXL	COMMON RTN #2 (GENERAL)						
	03	GRN3123-0	S114 SPLICE	1	P119 P20-1040	A		0.8mm ²	(18)	GXL	ETHER SOLENOID VALVE, RTN						
	03	GRN3191-0	S114 SPLICE	1	P118 K333-516	B		0.8mm ²	(18)	GXL	FAN CLUTCH SOLENOID VALVE, RTN						
	03	YEL3123-0	P101 P20-6152-0710	4	P119 P20-1040	B		0.8mm ²	(18)	GXL	ETHER SOLENOID VALVE						
	04	BLU3142-0	P101 P20-6152-0710	53	P103 P20-1133-47-5-0	14		0.8mm ²	(18)	GXL	PT SENSE POSITION #2						
	04	BLU3214-0	P101 P20-6152-0710	55	P130 K333-546	B		0.8mm ²	(18)	GXL	EXH FILTER DELTA PRES SENSOR						
	04	BLU3225-0	P101 P20-6152-0710	58	P130 K333-546	G		0.8mm ²	(18)	GXL	EXH FILTER OULET PRES SENSOR						
	04	GRN3115-1	S105 SPLICE	1	S111 SPLICE	1		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	04	GRN3115-2	S111 SPLICE	1	P103 P20-1133-47-5-0	34		1.0mm ²	(16)	GXL	COMMON RTN #1 (SWITCH)						
	04	GRN3115-5	P101 P20-6152-0710	19	S105 SPLICE	1		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	04	GRN3115-6	S105 SPLICE	1	P130 K333-546	H		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	04	GRN3142-0	P101 P20-6152-0710	23	P103 P20-1133-47-5-0	41		0.8mm ²	(18)	GXL	PT RETURN #2						
	04	GRN3214-0	P101 P20-6152-0710	43	P130 K333-546	A		0.8mm ²	(18)	GXL	COMMON RTN #3 (SENSOR)						
	04	GRN4527-0	S111 SPLICE	1	P103 P20-1133-47-5-0	8		0.8mm ²	(18)	GXL	OUTSIDE AIR TEMP SENSE RTN						
	04	GRN4564-0	S105 SPLICE	1	P112 K333-553	C		0.8mm ²	(18)	GXL	COOLANT SENSOR RTN						
	04	GRN7131-0	P108 K333-562-202-1	A	S105 SPLICE	1		0.8mm ²	(18)	GXL	AC HP SW/ECM FAN CTL RTN						
	04	VIO3113-0	P101 P20-6152-0710	52	S104 SPLICE	1		0.8mm ²	(18)	GXL	SENSOR SUPPLY (+5V)						
	04	VIO3142-0	S104 SPLICE	1	P103 P20-1133-47-5-0	13		0.8mm ²	(18)	GXL	PT SUPPLY #2 (+5V)						
	04	VIO3214-0	P130 K333-546	F	S104 SPLICE	1		0.8mm ²	(18)	GXL	EXH DELTA PRESS SENSOR SPLY						
	04	WHT1513-1	T103 K333-46-7	1	P107 16-06461	A		1.0mm ²	(16)	GXL	ENGINE GROUND						
	05	BLU3142-1	P101 P20-6152-0710	53	P103 P20-1133-47-5-0	14		0.8mm ²	(18)	GXL	PT SENSE POSITION #2						
	05	BLU3144-0	P101 P20-6152-0710	56	P124 16-06777	4		0.8mm ²	(18)	GXL	REMOTE THROTTLE SENSOR SIGNAL						
	05	BLU3214-1	P101 P20-6152-0710	55	P130 K333-546	B		0.8mm ²	(18)	GXL	EXH FILTER DELTA PRES SENSOR						
	05	BLU3225-1	P101 P20-6152-0710	58	P130 K333-546	G		0.8mm ²	(18)	GXL	EXH FILTER OULET PRES SENSOR						
	05	GRA3143-0	P101 P20-6152-0710	40	P124 16-06777	12		0.8mm ²	(18)	GXL	REMOTE THROTTLE ON/OFF						
	05	GRA3143-1	P124 16-06777	6	P103 P20-1133-47-5-0	11		0.8mm ²	(18)	GXL	REMOTE THROTTLE ENABLE						
	05	GRA3149-0	P101 P20-6152-0710	26	P124 16-06777	9		0.8mm ²	(18)	GXL	TORQUE LIMIT SWITCH						
	05	GRA3511-0	P101 P20-6152-0710	39	S107 SPLICE	1		0.8mm ²	(18)	GXL	PTO ON/OFF						
	05	GRA3511-1	S107 SPLICE	1	P103 P20-1133-47-5-0	18		0.8mm ²	(18)	GXL	PTO ON/OFF						
	05	GRA3511-2	S107 SPLICE	1	P124 16-06777	5		0.8mm ²	(18)	GXL	PTO ON/OFF						
	05	GRN3115-3	S124 SPLICE	1	S211 SPLICE	1		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	05	GRN3115-4	S124 SPLICE	1	P124 16-06777	3		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	05	GRN3115-7	P101 P20-6152-0710	19	S124 SPLICE	1		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	05	GRN3115-8	S124 SPLICE	1	P130 K333-546	H		0.8mm ²	(18)	GXL	COMMON RTN #1 (SWITCH)						
	05	GRN3115-9	S211 SPLICE	1	P103 P20-1133-47-5-0	34		1.0mm ²	(16)	GXL	COMMON RTN #1 (SWITCH)						
	05	GRN3117-0	P101 P20-6152-0710	43	S101 SPLICE	1		0.8mm ²	(18)	GXL	COMMON RTN #3 (SENSOR)						
	05	GRN3142-1	P101 P20-6152-0710	23	P103 P20-1133-47-5-0	41		0.8mm ²	(18)	GXL	PT RETURN #2						
	05	GRN3144-0	S101 SPLICE	1	P124 16-06777	11		0.8mm ²	(18)	GXL	REMOTE THROTTLE SENSOR RTN						
	05	GRN3214-1	S101 SPLICE	1	P130 K333-546	A		0.8mm ²	(18)	GXL	EXH DELTA PRES SENSOR RTN						
	05	GRN4527-1	S211 SPLICE	1	P103 P20-1133-47-5-0	8		0.8mm ²	(18)	GXL	OUTSIDE AIR TEMP SENSE RTN						
	05	GRN4564-1	S124 SPLICE	1	P112 K333-553	C		0.8mm ²	(18)	GXL	COOLANT SENSOR RTN						
	05	GRN7131-1	S124 SPLICE	1	P108 K333-562-202-1	A		0.8mm ²	(18)	GXL	AC HP SW/ECM FAN CTL RTN						
	05	ORN1224-0	P124 16-06777	7	P103 P20-1133-47-5-0	1		0.8mm ²	(18)	GXL	IGNITION (SWITCH) POWER						
	05	VIO3113-1	P101 P20-6152-0710	52	S204 SPLICE	1		0.8mm ²	(18)	GXL	SENSOR SUPPLY (+5V)						
	05	VIO3142-1	S204 SPLICE	1	P103 P20-1133-47-5-0	13		0.8mm ²	(18)	GXL	PT SUPPLY #2 (+5V)						
	05	VIO3144-0	S204 SPLICE	1	P124 16-06777	10		0.8mm ²	(18)	GXL	REMOTE THROTTLE SENSOR SUPPLY (+5V)						
	05	VIO3214-1	S204 SPLICE	1	P130 K333-546	F		0.8mm ²	(18)	GXL	EXH DELTA PRESS SENSOR SPLY						
	05	WHT1513-0	T102 K333-46-7	1	S103 SPLICE	1		2.0mm ²	(14)	GXL	ENGINE GROUND						
	05	WHT1513-1	P124 16-06777	8	S103 SPLICE	1		0.8mm ²	(18)	GXL	ENGINE GROUND						
	05	WHT7111-0	S103 SPLICE	1	P107 16-06461	A		1.0mm ²	(16)	GXL	AC COMPRESSOR CLUTCH RTN						
	06	GRA7131-0	P101 P20-6152-0710	50	P108 K333-562-202-1	B		0.8mm ²	(18)	GXL	AC HP SW/ECM FAN CTL						
	07	GRA7131-1	P144 P20-1252	A	P108 K333-562-202-1	B		0.8mm ²	(18)	GXL	AC HP SW/ECM FAN CTL						
	07	GRA7131-2	P101 P20-6152-0710	50	P144 P20-1252	C		0.8mm ²	(18)	GXL	AC HP SW/ECM FAN CTL						
	08	BRN3963-0	P103 P20-1133-47-5-0	27	P105 P20-1238-1204G2	4		0.8mm ²	(18)	GXL	AIR SHUTOFF VLV IND LP						
	08	GRN3964-0	P103 P20-1133-47-5-0	36	P105 P20-1238-1204G2	2		0.8mm ²	(18)	GXL	AIR SHUTOFF TEST SW SIG						
	08	GRN3964-0	P103 P20-1133-47-5-0	20	P105 P20-1238-1204G2	1		0.8mm ²	(18)	GXL	AIR SHUTOFF TEST SW RTN						
	08	YEL3961-0	P103 P20-1133-47-5-0	35	P105 P20-1238-1204G2	3		0.8mm ²	(18)	GXL	AIR SHUTOFF MANUAL SW SIG						
A	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	A DWG REV A0



