

F100 PIN FUNCTIONS

Version 2

PIN	TYPE	FUNCTION	VOLTAGE STATES	LOGIC	NOTES	CONFIDENCE
1A	Input	Door Handle Switch	Switch to GROUND	IF ground AND ignition off, THEN make pin 1B ground UNTIL 16 seconds have elapsed OR ignition on		100%
1B	Output	IGN & Door Key Cyl Illumination	GROUND when active		Operates 2x1.4W lamps. MPU pin 7 drives Q6 to operate	100%
1C	Input	Batt Perm	BATT perm			100%
1D	Output	Seat belt warning	GROUND to operate dash warning light	IF pin 1F is at ground (seatbelt off) AND ignition on, this provides a ground, ELSE 12 volts.	Q2 open collector output	100%
1E	Input	IGN state	on-BATT, other-GROUND			100%
1F	Input	Seat belt switch	GROUND to trigger	IF pin 1F is at ground (seatbelt off) AND ignition on, THEN sound buzzer AND trigger Pin 1D	Interrupted buzzer, 2KHz.	100%
1G	Input	Tacho RPM warning	GROUND to trigger	IF pin 1G is ground AND ignition on THEN sound buzzer	Constant 2KHz buzzer	100%
1H	Input	Door Switches	Open door - GROUND.	IF pin 1H is ground AND pin 1L is battery AND ignition off THEN sound buzzer	Interrupted buzzer, 2KHz.	80%
1J	GROUND	GROUND	GROUND			100%
1K	Input	Hood/Boot switch?	OPEN - BATT	IF pin 1K is 12v AND ignition on THEN sound chimes	1Khz chiming sound	50%
1L	Input	Key Reminder	Key in barrel-BATT, Other-GROUND	IF pin 1L is 12v AND pin 1H (door) is ground AND ignition off THEN sound buzzer	Interrupted buzzer, 2KHz.	70%
1M	N/C					100%
1N	Input	TNS Relay	Lights on-BATT, Other-GROUND	IF pin 1N is battery (lights on) AND pin 1H is ground (door open) AND ignition off THEN sound buzzer	Interrupted buzzer, 2KHz.	80%
1O	N/C					100%
1P	N/C					100%
1Q	N/C					100%
1R	N/C					100%
2A	Ouput	Power Window	BATT when active	IF ignition on THEN relay activated	Provides high current power to	100%
2C	Input	Batt Perm				