

This is the connector on the firewall toward the center of the vehicle. **the bolt is in the 1982 Jeep (works on '83-85)**

PIN SIDE - if the connector is off and looking at the inside...

pin	4F	4E	4D	4C	4B	4A
diag ref	55A	56	34	52A	7	N/C
color	yellow	orange	white/ trace	red	purple	N/C
gauge	10	16	16	16	16	N/C
function	alt/batt	backup / neutral safety	backup / neutral safety	Backup/ choke etc	Oil pressure	N/C

pin	3F	3E	3D	3C	3B	3A
diag ref	21	12	156	20A	99	N/C
color	Brown	Red	orange	tan	yellow/trac e	N/C
gauge	16	10	16	14	16	N/C
function	Heater	Alt / Side	underhood light	heater	wiper	N/C

pin	2F	2E	2D	2C	2B	2A
diag ref	32	22	98	78	50	14
color	blue / trace	Brown/trac e	Pink/ Trace	brown	brown	light blue
gauge				15 ohm res	16	
function	wiper	heater	wiper	alt	a/c	A- solenoid B- white ign

pin	1F	1E	1D	1C	1B	1A
diag ref	31	N/C			13F	1
color	blue	N/C	BOLT		Red / white	purple /trace
gauge	16	N/C	BOLT		10	18
function	wiper	N/C			to red ign module	temp sender

center of all the connectors, the top wire is the **YELLOW** alt/bat wire 4F

LOOKING TOWARD THE FIRE WALL						
						pin
						diag ref
						color
						gauge
						function
4A	4B	4C	4D	4E	4F	pin
N/C	7	52A	34	56	55A	diag ref
N/C	purple	red	white/ trace	orange	yellow	color
N/C	16	16	16	16	10	gauge
N/C	Oil pressure	Backup/choke etc	backup / neutral safety	backup / neutral safety	alt/batt	function
3A	3B	3C	3D	3E	3F	pin
N/C	99	20A	156	12	21	diag ref
N/C	yellow/trace	tan	orange	Red	Brown	color
N/C	16	14	16	10	16	gauge
N/C	wiper	heater	underhood light	Alt / Side	Heater	function
2A	2B	2C	2D	2E	2F	pin
14	50	78	98	22	32	diag ref
light blue	brown	brown	Pink/ Trace	Brown/trace	blue / trace	color
	16	15 ohm res				gauge
A- solenoid B- white ign	a/c	alt	wiper	heater	wiper	function
1A	1B	1C	1D	1E	1F	pin
1	13F			N/C	31	diag ref
purple/trace	Red / white	BOLT		N/C	blue	color
18	10	BOLT		N/C	16	gauge
temp sender	to red ign module			N/C	wiper	function