

## Hemi Wiring (2003 Hemi Ram/2000 4.7L Dakota)

<u>Wire Function</u>	<u>Hemi/Dakota Code</u>	<u>Hemi/Dakota Color</u>	<u>Location</u>	<u>Match Status</u>	<u>Note</u>
A/C clutch relay control	C13 – C13	DB/OR – DB/OR	PCM	Working	
A/C clutch relay output	C3 – C3	DB/BK – DB/BK	PDC	Working	
Ambient air temp sensor	G31 – G31	VT/LG – VT/LG	Front	Not working	
ASD relay control	K51 – K51	DB/YL – DB/YL	PCM	Working	
ASD relay output	A142 – A142	DG/OR – DG/OR	PDC	Working	
Backup lamp feed	L1 – L1	VT/BK – VT/BK	PDC	Working	
Battery temp sensor signal	K118 – K118	PK/YL – PK/YL	PCM	Working	
Brake switch sense	K29 – K29	WT/PK – WT/PK	PCM	Working	
Evap purge control	K52 – K52	PK/BK – PK/BK	PCM	Unknown	
Fuel level sensor signal	G8 – G4	LB/BK – DB	PCM	Working	
Fuel pump relay control	K31 – K151	BR – LB/OR	PCM	Working	
Fused B+	A14 – A14	RD/WT – RD/WT	PDC	Working	
Fused B+	A61 – F84	DG/BK – YL/WT	C105	Working	
Fused ignition switch output 1	L10 – L10	BR/LG – BR/LG	PDC	Working	
Fused ignition switch output 2	Y135 – F18	LG/BK – LG/BK	PDC	Working	
Fused ignition switch output 3	A41 – F12	YL – DB/WT	PDC	Working	See #1
Fused ignition switch output	A51 – A81	RD/WT – DG/RD	PDC	Working	
Ground	K173 – Z12	LG – BK/TN	PDC	Working	
Overdrive off switch sense	T6 – T6	OR/WT – OR/WT	C128	Working	
Park/neutral switch sense	T24 – T41	BR/YL – BK/WT	PDC	Unknown	See #2
PCI bus	D25 – Dash gauges	VT/BR – Dash gauges		Working	
PCI bus	D25 – Dash gauges	VT/OR - Dash gauges		Working	
Radiator fan relay control	Y145 – C24	DB/YL – DB/PK	PDC	Working	
SCI receive (TCM)	D6 – D22	PK/LB – PK/BK	PCM	Unknown	
SCI transmit (TCM)	D15 -	WT/DG -		Unknown	See #3
SCI receive (PCM)	D20 – D20	LG – LG	PCM	Unknown	
SCI transmit (PCM)	D21 – D21	PK – PK/DB	PCM	Unknown	

Sensor ground	K4 – K4	BK/LB – BK/LB	PDC	Working	
Speed control power supply	V32 – V32	YL/RD – YL/RD	PCM	Working	
Speed control switch #1 signal	V37 – V37	RD/LG – RD/LG	PCM	Working	
Starter relay control	T752 – T41	DG/OR – BK/WT	PDC	Working	
Transmission control relay output	T16 – T16	RD - RD	C105	Working	
Transmission relay control	K30 – T15	PK - LG	C105	Working	
Vehicle speed signal #1	B22 – G7	DG/YL – WT/OR	C105	Working	
Evap purge return	K108 -	WT/TN -		No match	See #4
Speed control switch return	Y215 -	YL/PK -		No match	See #5
Speed control switch #2 signal	V38 -	VT/OR -		No match	See #5
Vehicle speed sensor #2	B222	DG/WT -		No match	

Note #1: Function match indicates a A41-A41 match, but F12 is listed as the correct one

Note #2: Hemi side of this wire was never found

Note #3: FSM states this SCI transmit is not used on Rams

Note #4: This wire can be used with a new NGC purge switch

Note #5: These two wires can be a match when appropriate NGC cruise switches are installed

Created solely for and by Joshua Westphal