

Document number: pe82.85-p-2101-97saa

Document title: Cockpit Management and Data System (COMAND) control unit wiring diagram

Code:	Designation:	Position:
A0	Color code key	56L
A2/30	Navigation processor	16L
A2/49	Telephone and GPS roof antenna	26L
A2/49a2	GPS antenna	25L
A2/5	Antenna splitter	31L
A40/3	COMAND control unit	4A
A40/3	COMAND control unit	12A
A40/3	COMAND control unit	23A
A40/3	COMAND control unit	31A
A40/3	COMAND control unit	39A
A40/3	COMAND control unit	47A
A40/3	COMAND control unit	52A
A40/8	COMAND display	35L
A40/8	COMAND display	42L
A90/1	TV combination tuner (analog/digital)	52L
CAN A	Telematics CAN	10K
CAN A	Telematics CAN	48K
CAN F	Central CAN	13K
MOST	Media Oriented System Transport	23C
N10/1	Front SAM control unit with fuse and relay module	44L
N10/2	Rear SAM control unit with fuse and relay module	2L
N66/10	Backup camera voltage supply module	6L
N66/2	Backup camera control unit	7L
U1	Valid for {{USA}}	30F
U12	Valid for left-hand drive vehicles	39F
U13	Valid for right-hand drive vehicles	39G
U193	Valid for TV and Video	50F
U43	Valid for ECE	27F
U777	Valid for navigation	15D
U899	Valid for backup camera	5F
W15	Power ground (electronics)	40G
W18	Ground (left front seat crossmember)	3E
W34	Ground (left footwell)	40G
W43	Ground (reference, image transmission systems)	4E
W43	Ground (reference, image transmission systems)	39G
X18	Cockpit wiring harness and FFS [RBA] connector	13G
X18	Cockpit wiring harness and FFS [RBA] connector	41E
X29/19	F-BAS signal connector (Comand to navigation/China)	16H
X30/20	Central CAN voltage distributor connector	13L

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X30/35	Telematics CAN voltage distributor connector	10L
X30/35	Telematics CAN voltage distributor connector	48L
X39/35	GPS antenna connector	28J
X39/45	Walkman separation point	18F
X39/45	Walkman separation point	20L
Z20/22	Cable end insulation not stripped, placed inside insulated tubing	33C
Z20/23	Cable end insulation not stripped, placed inside insulated tubing	33J







