



















Electrical Test Program – Survey of Electrical Limit Switch Signals

Operational sequence, opening soft top

Limit switches engaged	Soft top compartment cover		Soft top			Fabric bow			Roll bar
	locked	up	locked	closed	up	locked	closed	raised	lowered
	A25s2	S84/5	S84/1 S84/2	S84/4	S84/3	A22s2 A23s2	A22s1	S84/6	S83/1
When testing with HHT <b>Open</b> corresponds to <b>11 – 14 V</b> Closed corresponds to <b>0 – 1 V</b>									
Connection Diagram – Socket Box to Connector (X2) ( 22, Figure 2) <b>Control module in diagnostic mode 22</b>	X2  ┆ 7	X2  ┆ 26	X2  ┆ 30 ┆ 11	X2  ┆ 29	X2  ┆ 46	X2  ┆ 28 ┆ 45	X2  ┆ 8	X2  ┆ 44	X2  ┆ 4
Roll bar retracted, side windows down	0–1 V	<b>11–14 V</b>	0–1 V	0–1 V	<b>11–14 V</b>	0–1 V	0–1 V	<b>11–14 V</b>	0–1 V
Fabric bow unlocked	0–1 V	<b>11–14 V</b>	0–1 V	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	0–1 V
Fabric bow raised	0–1 V	<b>11–14 V</b>	0–1 V	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Soft top compartment cover unlocked	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Soft top compartment cover open	<b>11–14 V</b>	0–1 V	0–1 V	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Soft top unlocked in front	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Soft top open	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Soft top retracted into soft top compartment	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Soft top compartment cover locked	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V
Roll bar up, side windows up	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>










Electrical Test Program – Survey of Electrical Limit Switch Signals

Operational sequence, opening soft top










Limit switches engaged  When testing with HHT <b>Open</b> corresponds to <b>11 – 14 V</b> Closed corresponds to <b>0 – 1 V</b>	Soft top compartment cover		Soft top			Fabric bow			Roll bar
	locked	up	locked	closed	open	locked	closed	raised	lowered
	A25s2	S84/5	S84/1 S84/2	S84/4	S84/3	A22s2 A23s2	A22s1	S84/6	S83/1
Connection Diagram – Socket Box to Connector (X2) ( 22, Figure 2) <b>Control module in diagnostic mode 22</b>	X2  └ 7	X2  └ 26	X2  └ 30 └ 11	X2  └ 29	X2  └ 46	X2  └ 28 └ 45	X2  └ 8	X2  └ 44	X2  └ 4
Roll bar retracted, side windows down	0–1 V	11–14 V	11–14 V	11–14 V	0–1 V	11–14 V	11–14 V	0–1 V	0–1 V
Soft top compartment cover unlocked	11–14 V	11–14 V	11–14 V	11–14 V	0–1 V	11–14 V	11–14 V	0–1 V	0–1 V
Soft top compartment cover open	11–14 V	0–1 V	11–14 V	11–14 V	0–1 V	11–14 V	11–14 V	0–1 V	0–1 V
Soft top out of soft top compartment	11–14 V	0–1 V	11–14 V	11–14 V	11–14 V	11–14 V	11–14 V	0–1 V	0–1 V
Soft top closed (differential operation)	11–14 V	0–1 V	11–14 V	0–1 V	11–14 V	11–14 V	11–14 V	0–1 V	0–1 V
Soft top locked in front	11–14 V	0–1 V	0–1 V	0–1 V	11–14 V	11–14 V	11–14 V	0–1 V	0–1 V
Soft top compartment cover locked	0–1 V	11–14 V	0–1 V	0–1 V	11–14 V	11–14 V	11–14 V	0–1 V	0–1 V
Fabric bow closed	0–1 V	11–14 V	0–1 V	0–1 V	11–14 V	11–14 V	0–1 V	11–14 V	0–1 V
Fabric bow locked	0–1 V	11–14 V	0–1 V	0–1 V	11–14 V	0–1 V	0–1 V	11–14 V	0–1 V
Roll bar up, side windows up	0–1 V	11–14 V	0–1 V	0–1 V	11–14 V	0–1 V	0–1 V	11–14 V	11–14 V

#### Electrical Test Program – Survey of Electrical Limit Switch Signals

##### Operational sequence, hardtop locking

Limit switches engaged	Soft top compartment cover		Soft top			Fabric bow			Roll bar
	locked	up	locked	closed	up	locked	closed	raised	lowered
When testing with HHT <b>Open</b> corresponds to <b>11 – 14 V</b> Closed corresponds to <b>0 – 1 V</b>	A25s2	S84/5	S84/1 S84/2	S84/4	S84/3	A22s2 A23s2	A22s1	S84/6	S83/1
Connection Diagram – Socket Box to Connector (X2) ( 22, Figure 2) <b>Control module in diagnostic mode 22</b>	X2  └ 7	X2  └ 26	X2  └ 30 └ 11	X2  └ 29	X2  └ 46	X2  └ 28 └ 45	X2  └ 8	X2  └ 44	X2  └ 4
rear	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V	0–1 V	0–1 V	0–1 V
front	0–1 V	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	0–1 V	0–1 V	0–1 V	0–1 V	0–1 V

##### Operational sequence, hardtop unlocking

Limit switches engaged	Soft top compartment cover		Soft top			Fabric bow			Roll bar
	locked	up	locked	closed	up	locked	closed	raised	lowered
When testing with HHT <b>Open</b> corresponds to <b>11 – 14 V</b> Closed corresponds to <b>0 – 1 V</b>	A25s2	S84/5	S84/1 S84/2	S84/4	S84/3	A22s2 A23s2	A22s1	S84/6	S83/1
Connection Diagram – Socket Box to Connector (X2) ( 22, Figure 2) <b>Control module in diagnostic mode 22</b>	X2  └ 7	X2  └ 26	X2  └ 30 └ 11	X2  └ 29	X2  └ 46	X2  └ 28 └ 45	X2  └ 8	X2  └ 44	X2  └ 4
front	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	0–1 V	0–1 V	0–1 V	0–1 V
rear	0–1 V	<b>11–14 V</b>	<b>11–14 V</b>	<b>11–14 V</b>	0–1 V	<b>11–14 V</b>	0–1 V	0–1 V	0–1 V