

Folding Top Switch Position Matrix

Table 1: [From Closed to Open](#)

Table 2: [From Open to Closed](#)

From Closed to Open

Folding Top Position	
Switch	Parameter
Fully Closed	
Folding Top Header Latch Cyl./S1	X
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Unlatched
RF RCL Unlatched Switch/S9	Inactive
RF RCL Latched Switch/S10	Active
LF RCL Unlatched Switch/S11	Inactive
LF RCL Latched Switch/S12	Active
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	Yes
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
Start Opening Latches	
Folding Top Header Latch Cyl./S1	X
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	X
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	X
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	On
Valve 2 Command/V2	Off

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Opening Latches	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	X
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Complete Opening Latch	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Start Raising Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive

Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Complete Raising Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	Yes
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Start Lowering Top	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	Yes
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	On

Complete Lowering Top	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	Yes
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	On
Start Lowering Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	On
Complete Lowering Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive

Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	On
Start Closing Latches	
Folding Top Header Latch Cyl./S1	X
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Inactive
RF RCL Latched Switch/S10	X
LF RCL Unlatched Switch/S11	Inactive
LF RCL Latched Switch/S12	X
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
Closing Latches	
Folding Top Header Latch Cyl./S1	Latched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Unlatched or Transition
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	X
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	X
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off

Complete Closing Latches	
Folding Top Header Latch Cyl./S1	Latched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Unlatched
RF RCL Unlatched Switch/S9	Inactive
RF RCL Latched Switch/S10	Active
LF RCL Unlatched Switch/S11	Inactive
LF RCL Latched Switch/S12	Active
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	Yes
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
X = Folding Top Control Module is not monitoring this state during operation.	

From Open to Closed

Folding Top Position	
Switch	Parameter
Fully Open	
Folding Top Header Latch Cyl./S1	X
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Unlatched
RF RCL Unlatched Switch/S9	Inactive
RF RCL Latched Switch/S10	Active
LF RCL Unlatched Switch/S11	Inactive
LF RCL Latched Switch/S12	Active
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
Opening Latches	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No

RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	On
Complete Opening Latches	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	On
Start Raising Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position

Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	On
Complete Raising Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	Yes
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	In Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	On
Start Closing Top	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	Yes
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	Not in Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Complete Closing Top	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	Yes

RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Start Lowering Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	Not in Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Complete Lowering Deck Lid	
Folding Top Header Latch Cyl./S1	Unlatched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Latched
RF RCL Unlatched Switch/S9	Active
RF RCL Latched Switch/S10	Inactive
LF RCL Unlatched Switch/S11	Active
LF RCL Latched Switch/S12	Inactive
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Not Over Center
Folding Top Header Dowel Pin/S17	In Position

Folding Top Header Latched/S18	No
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	On
Valve 2 Command/V2	Off
Start Closing Latches	
Folding Top Header Latch Cyl./S1	X
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	X
RF RCL Unlatched Switch/S9	Inactive
RF RCL Latched Switch/S10	X
LF RCL Unlatched Switch/S11	Inactive
LF RCL Latched Switch/S12	X
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	X
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
Closing Latches	
Folding Top Header Latch Cyl./S1	Latched
RCL Cylinder Extended/S2	No
RCL Release Switch/S3 and S4	Unlatched or Transition
RF RCL Unlatched Switch/S9	X
RF RCL Latched Switch/S10	X
LF RCL Unlatched Switch/S11	X
LF RCL Latched Switch/S12	X
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	X
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	X
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
Complete Closing Latches	
Folding Top Header Latch Cyl./S1	Latched
RCL Cylinder Extended/S2	No

RCL Release Switch/S3 and S4	Unlatched
RF RCL Unlatched Switch/S9	Inactive
RF RCL Latched Switch/S10	Active
LF RCL Unlatched Switch/S11	Inactive
LF RCL Latched Switch/S12	Active
Folding Top Downstack Receiver Sw./S13	Not in Position
Folding Top Bell Crank Sw./S14	Over Center
Folding Top Header Dowel Pin/S17	In Position
Folding Top Header Latched/S18	Yes
RCL Front Sw. Ready to Latch/S19A and S19B	In Position
Luggage Barrier In Place/S20	X
Valve 1 Command/V1	Off
Valve 2 Command/V2	Off
X = Folding Top Control Module is not monitoring this state during operation.	