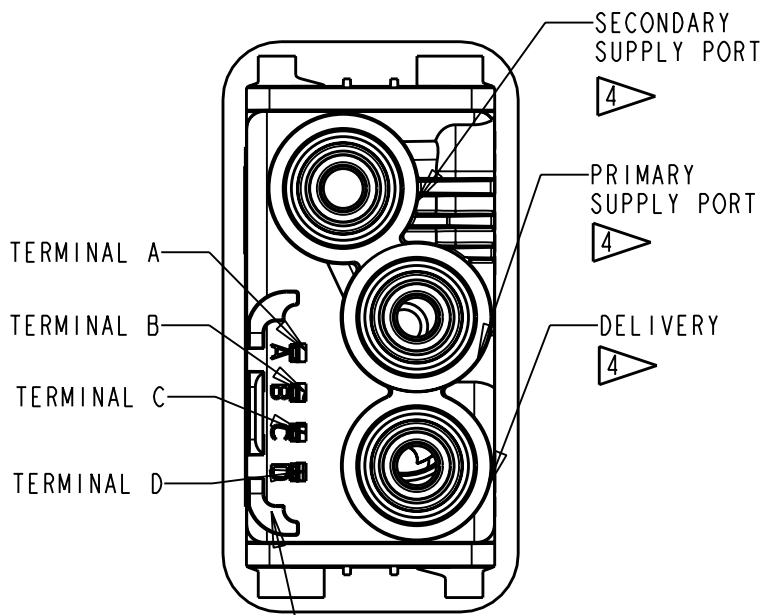
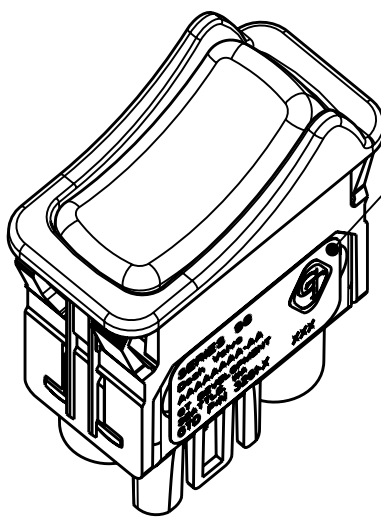


SCALE 1.5:1

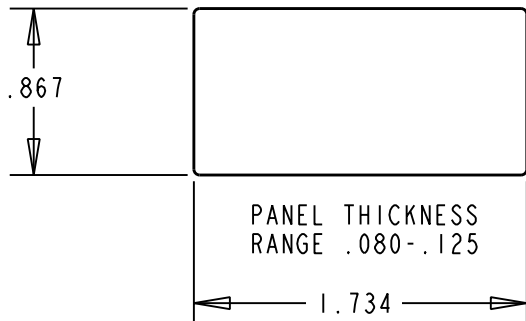


INTEGRATED CONNECTOR MATES WITH METRI-PACK 150 SERIES CONNECTOR #12045813 WITH FEMALE TERMINALS

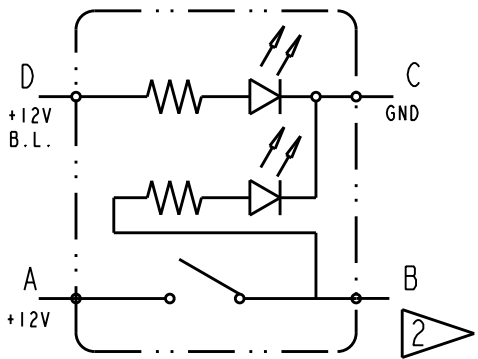


CONFIG SHOWN
SCALE 1:1

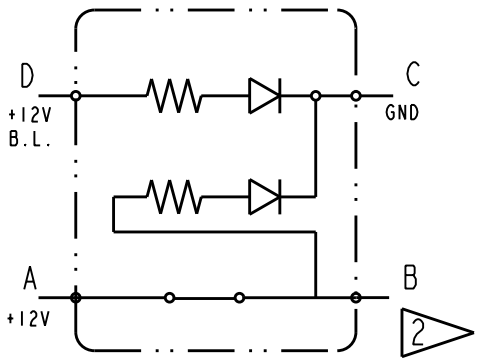
PANEL OPENING



SCHEMATIC A
N.O.



SCHEMATIC B
N.C.



SPECIFICATIONS:

DESCRIPTION: SERIES 98 GENERIC DASH VALVE

APPLICATION: 3-WAY AIR VALVE DESIGNED FOR DASHBOARD VALVING OF TRUCK AIR SYSTEM ACCESSORIES.

FUNCTION: A) ROCKER SYMBOLOGY IS WHITE IN DAYLIGHT; GREEN WHEN BACKLIT.
B) WHITE STATUS INDICATOR ILLUMINATES WHEN SWITCH IS CLOSED OR POWER IS APPLIED TO TERMINAL "B".
C) INTERNAL MECHANICAL SWITCH FOR STATUS ILLUMINATION AND/OR EXTERNAL SWITCHING (+12 VDC).
D) SECOND SUPPLY PORT FOR DAISY CHAINING VALVES.
E) WHEN VALVE IS SWITCHED OFF, SUPPLY IS BLOCKED AND DELIVERY IS VENTED. WHEN ON, SUPPLY IS CONNECTED TO DELIVERY.
F) ROCKER TEXT IS OPAQUE WHITE AND IS NOT BACKLIT.

COLOR: BLACK WITH WHITE LETTERS AND SYMBOLOGY.

MATERIAL: NYLON, GLASS FILLED. MEETS DOT FMVSS 302 FLAMMABILITY REQUIREMENTS.

GTD PART NUMBER: 3281-X

CUSTOMER: GENERIC

RATED PRESSURE: 150 PSIG MAXIMUM

RATED CURRENT LOAD: MAXIMUM CURRENT LOAD FOR INTERNAL MECHANICAL SWITCH IS ONE (1) AMP AT 14 VOLTS DC

OPERATING TEMPERATURE: -10 DEGREES F TO +160 DEGREES F

ALLOWED LEAKAGE: 30 SCCM IN EITHER ON OR OFF POSITION AT 150 PSIG APPLIED TO SUPPLY PORT AND ALL OTHER PORT (S) BLOCKED. (REQUIRES LABORATORY TEST EQUIPMENT)

EQUIVALENT ORIFICE: 1/4" FITTINGS, ASSUME Cd = .65
A) PRIMARY SUPPLY TO DELIVERY: .115" DIAMETER OR LARGER
B) PRIMARY SUPPLY TO SECONDARY SUPPLY: .130" DIAMETER OR LARGER
C) DELIVERY TO EXHAUST: .080" DIAMETER OR LARGER


FLOW RATE: 1/4" FITTINGS AND 100 PSI SOURCE PRESSURE
A) PRIMARY SUPPLY TO DELIVERY: 14+ SCFM
B) PRIMARY SUPPLY TO SECONDARY SUPPLY: 17+ SCFM
C) DELIVERY TO EXHAUST: 6.8+ SCFM (REQUIRES LABORATORY TEST EQUIPMENT)

PHYSICAL CONNECTORS: A) THREE (3) 1/4" PUSH TO CONNECT FITTINGS WITH RIDGID TUBE SUPPORTS. 1/4" PUSH TO CONNECT FITTINGS MEET DOT FMVSS 106 50 lb. PULL TEST WHEN USED WITH SAE J844 NYLON TUBING.

B) INTEGRATED ELECTRICAL CONNECTOR MATES WITH METRI-PACK 150 SERIES CONNECTOR #12045813 WITH FEMALE TERMINALS.

WEIGHT: 40 GRAMS (APPROX)

PACKAGING: BULK

			3281-X		SERIES 98, GENERIC DASH VALVE		SEE CONFIGURATION TABLE					
			PART NO.		ITEM			SPECIFICATION		ITEM NO.		
REV.	CHANGE		INIT. DATE	SCALE: 1 X	C	DRAFTER Oanh Le		DATE 3/31/05			Development Corporation <i>Seattle, Washington</i> <small>THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH IS THE EXCLUSIVE PROPERTY OF GT DEVELOPMENT INC.. DISTRIBUTION, REPRODUCTION OR USE BY OTHERS IS NOT PERMITTED WITHOUT THE CONSENT OF GT DEVELOPMENT INC..</small>	
B	ADDED -8 THRU -11 VALVES PDC: 05-371		OL 8/22/05	Unless Otherwise Specified: <i>REMOVE BURRS BREAK EDGES .005/.010 FILLET'S & RADII .010 MAX. FRACTIONS ± 1/32 .XX ± .010 .XXX ± .005 ANGLES ± 1° CONCENT. .010 T.I.R. FINISH 125 R.M.S. All dimensions in Inches</i>	PROJ. ENGR. Jeannie Dodd		03/30/05					
C	PDC: 06-372		JLe 7/18/06		O.A. Schaun Mobley		03/30/05					
					APPROVED John Adami		03/30/05					
					USED ON							
DATABASE: FILE NAME: 3281 PLOT DATE: 07/18/06								DWG. NO.		3281	SHEET 1	OF 2

D

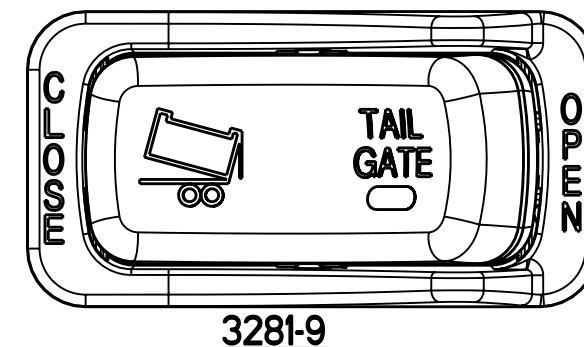
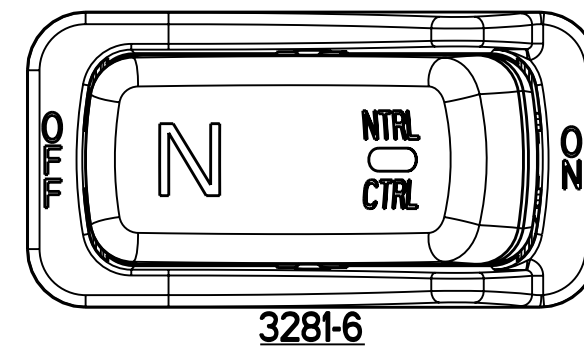
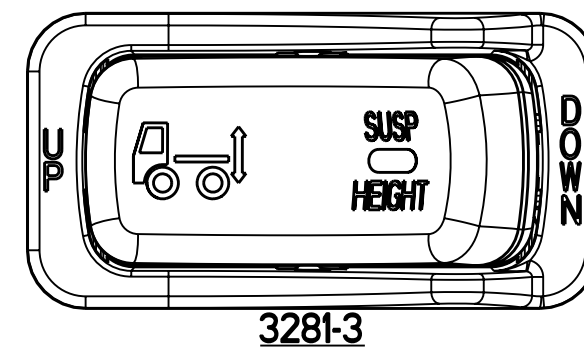
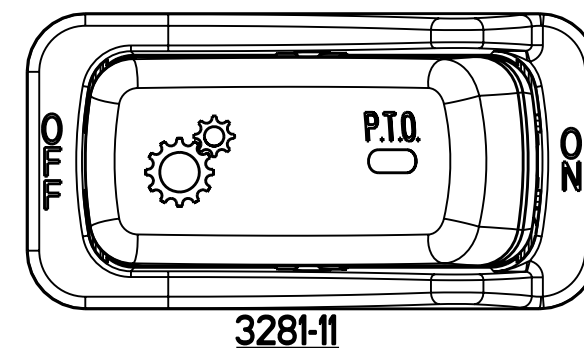
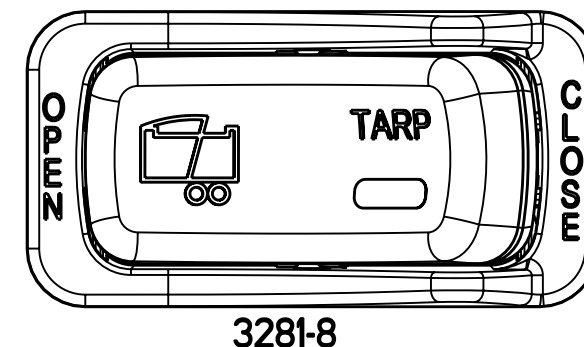
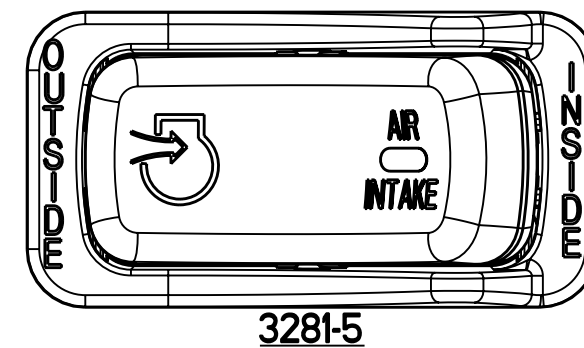
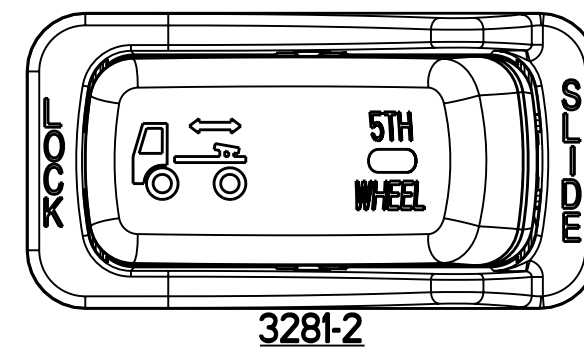
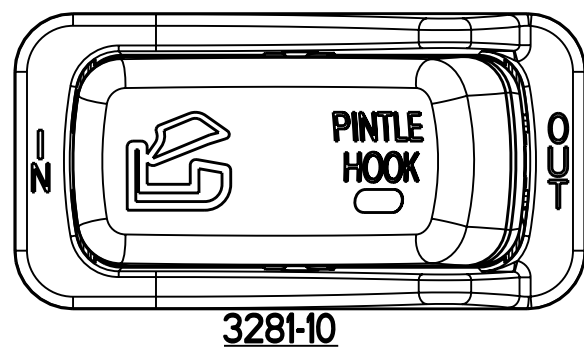
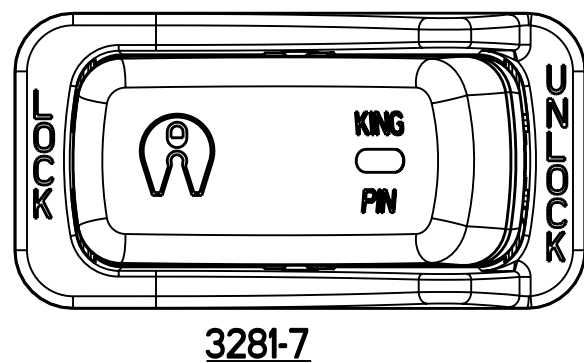
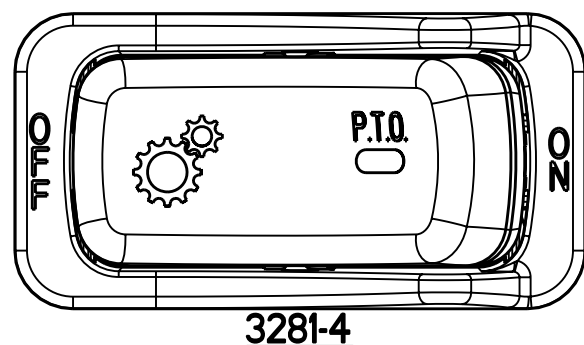
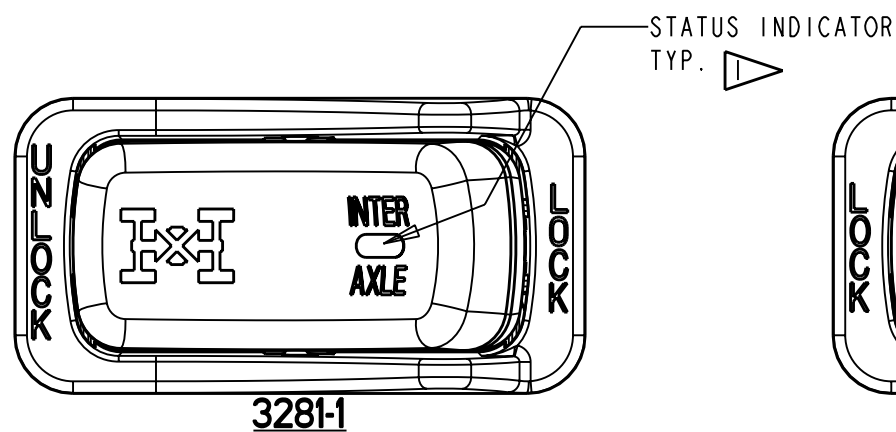
C

B

A

CONFIGURATION TABLE

PART DASH #	DESCRIPTION (REF)	ROCKER SYMBOL	ROCKER TEXT	STATUS LIGHTING	VALVE IN GUARDED POSITION AS SHOWN	
					AIR VALVE	STATUS SWITCH
3281-1	INTER-AXEL DIFF LOCK		INTER AXLE	RED LED OVAL ONLY	OFF	OPEN
3281-2	5TH WHEEL SLIDE		5TH WHEEL	RED LED OVAL ONLY	OFF	OPEN
3281-3	AIR SUSPENSION DUMP		SUSP HEIGHT	RED LED OVAL ONLY	OFF	OPEN
3281-4	POWER TAKE OFF		P.T.O.	RED LED OVAL ONLY	OFF	OPEN
3281-5	AIR INTAKE ROUTING		AIR INTAKE	RED LED OVAL ONLY	ON	OPEN
3281-6	NEUTRAL CONTROL		NEUTRAL CONTROL	RED LED OVAL ONLY	OFF	OPEN
3281-7	KING PIN		KING PIN	RED LED OVAL ONLY	OFF	OPEN
3281-8	AIR TARP		TARP	RED LED OVAL ONLY	OFF	OPEN
3281-9	TAIL GATE LOCK		TAIL GATE	RED LED OVAL ONLY	OFF	OPEN
3281-10	AIR PINTLE HOOK		PINTLE HOOK	RED LED OVAL ONLY	OFF	OPEN
3281-11	HYD PUMP PTO		P.T.O.	RED LED OVAL ONLY	ON	OPEN



D

C

B

A

REV.	CHANGE	INIT. DATE
B	ADDED -8 THRU -11 PDC: 05-371	OL 8/22/05
C	PDC 06-372	JLe 7/18/06
DATABASE: FILE NAME: 3281 PLOT DATE: 8/25/05		

3281-XX	SERIES 98, GENERIC DASH VALVE	SEE CONGIFURATION TABLE	
PART NO.	ITEM	SPECIFICATION	ITEM NO.
SCALE: 1X	C	DRAFTER OANH LE DATE 18-Aug-05 PROJ. ENGR. JEANNIE D. O.A. SCHAUN MOBLEY APPROVED JOHN ADAMI USED ON	 Development Corporation Seattle, Washington THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH IS THE EXCLUSIVE PROPERTY OF GT DEVELOPMENT INC.. DISTRIBUTION, REPRODUCTION OR USE BY OTHERS IS NOT PERMITTED WITHOUT THE CONSENT OF GT DEVELOPMENT INC.. TITLE: SERIES 98 GENERIC DASH VALVE, HORIZONTAL DWG. NO. 3281 SHEET 2 OF 2