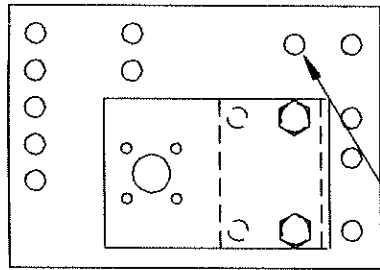
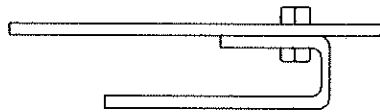


PMV-USA			
MOUNTING SCHEMATIC SLIDING STEM VALVE			
SCALE	NONE	DRAWN BY	LPC
DATE	7/25/00	REV.	
DRAWING NUMBER		REV	
3010011		A	

AUXILIARY BRACKET POSITION

CAM
30deg
90deg

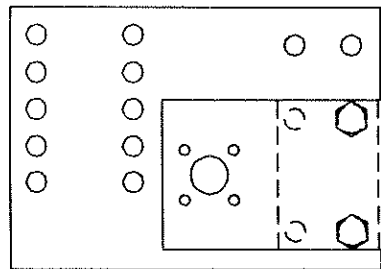
VALVE TRAVEL
1/2 to 1"
1-1/2 to 2-3/4"



POSITION A

CAM
30deg
90deg

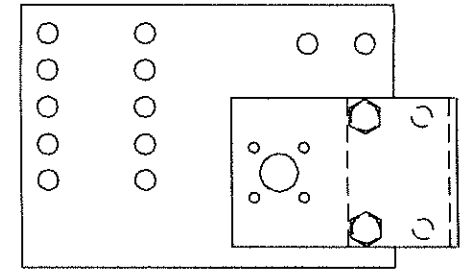
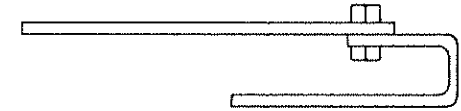
VALVE TRAVEL
1-1/8 to 1-1/2"
3 to 4"



POSITION B

CAM
30deg
90deg

VALVE TRAVEL
1-3/4 to 2"
4-1/4 to 5-1/2"



POSITION C

MOVE BRACKET TO UPPER SET OF HOLES AS REQUIRED BY "X" DIMENSION

NOTE - THESE ARE RECOMMENDED POSITIONS TO ALIGN THE FEEDBACK LINKAGE IN THE MOST VERTICAL POSITION.

PMV-USA

SUPPLEMENTAL SCHEMATIC
SLIDING STEM VALVE

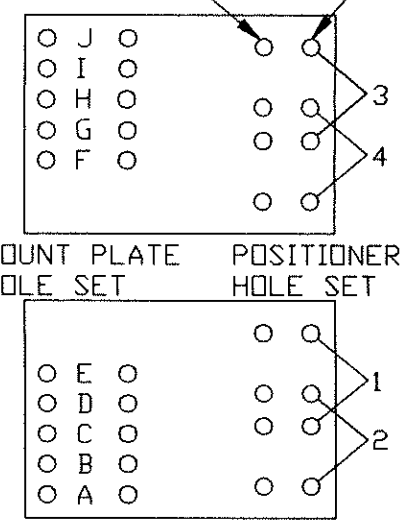
SCALE	NONE	DRAWN BY	LPC	DRAWING NUMBER	REV
DATE	5/31/01	REVISED		3010011S	A

1. REMOVE POSITIONER COVER AND TRAVEL INDICATOR DISC. VERIFY FEEDBACK CAM IS IN PROPER POSITION FOR RANGE AND ACTION INTENDED. ROTATE FEEDBACK SPINDLE, AS REQUIRED, TO ACHIEVE DESIRED RANGE AND/OR TURN CAM OVER FOR REVERSE ACTION.
2. INSTALL AUX. MOUNT BRACKET TO BACK OF POSITIONER.
3. SELECT VALVE TRAVEL POSITION ON FEEDBACK LEVER BASED ON FEEDBACK CAM BEING USED, 30 OR 90 DEG., AND ATTACH FEEDBACK LINK ASSY. TO UNMARKED SIDE OF FEEDBACK LEVER USING #10 SCREW AND NYLOK NUT.
4. INSTALL FEEDBACK LEVER ON POSITIONER SPINDLE WITH HUB POINTING TOWARD BACK OF POSITIONER. TIGHTEN FEEDBACK LEVER SET SCREW.
5. LOOSEN CAM NUT INSIDE POSITIONER; ROTATE THE FEEDBACK LEVER AS SHOWN BELOW; AND RETIGHTEN CAM NUT:
 ACTUATOR SPRING DOWN - 45 DEG BELOW HORIZONTAL FOR 90 DEG CAM OR 15 DEG BELOW HORIZONTAL FOR 30 DEG CAM.
 ACTUATOR SPRING UP - 45 DEG ABOVE HORIZONTAL FOR 90 DEG CAM OR 15 DEG ABOVE HORIZONTAL FOR 30 DEG CAM.
6. MEASURE DISTANCE "X" FROM ACTUATOR YOKE MOUNTING HOLES TO MID-TRAVEL POSITION OF STEM CONNECTOR. SELECT MOUNTING PLATE HOLE SET AND POSITIONER HOLE SET PER TABLE 1.
7. INSTALL MOUNT PLATE TO ACTUATOR YOKE USING SELECTED HOLE SET (A-J).
8. INSTALL POSITIONER/AUX. BRACKET ASSEMBLY TO ACTUATOR MOUNT PLATE WITH TWO SCREWS USING SELECTED HOLE SET (1-4). CONNECT THE AUX. BRACKET IN A POSITION THAT PLACES THE LINK ASSEMBLY MOST VERTICAL WITH THE VALVE STEM.
9. MEASURE THE DISTANCE FROM THE STEM CONNECTOR TO THE LINK ASSY. AND CUT THE FEEDBACK SPACER TO FIT. SELECT APPROPRIATE LENGTH CAP SCREW AND SECURE LINK ASSY. TO STEM CONNECTOR.

10. ADJUST LINK ASSY. TO LENGTH REQUIRED FOR POSITIONING FEEDBACK LEVER PER #5. TIGHTEN POSITIONER CAM NUT AND LOCKING SCREW.
11. INSTALL TUBING AND CALIBRATE PER PMV INSTRUCTIONS.
12. IN THE EVENT THE CAM/POSITION INDICATOR DISC DOES NOT ROTATE FULL SPAN, 30 OR 90 DEG., LOOSEN THE LINK ASSY.-TO-FEEDBACK LEVER SCREW AND SLIDE ROD END BEARING TOWARD THE POSITIONER SPINDLE TO INCREASE SPAN OR AWAY FROM THE SPINDLE TO DECREASE SPAN.

TABLE 1

DIM "X" INCHES	HOLE SET	INNER ROW	OUTER ROW
1-5/8	A-1	○ J ○	○ ○
2-1/4	B-1	○ I ○	○ ○
3	C-1	○ H ○	○ ○
3-1/2	D-1	○ G ○	○ ○
3-3/4	B-2	○ F ○	○ ○
4	G-3		○ ○
4-1/4	C-2		○ ○
4-1/2	H-3		○ ○
4-3/4	F-4		○ ○
5	D-2		○ ○
5-1/4	I-3	○ E ○	○ ○
5-1/2	G-4	○ D ○	○ ○
5-3/4	E-2	○ C ○	○ ○
6	J-3	○ B ○	○ ○
6-1/4	H-4	○ A ○	○ ○
6-3/4	I-4		○ ○
7-1/4	J-4		○ ○



PMV-USA

MOUNTING INSTRUCTIONS
SLIDING STEM VALVE

SCALE	NONE	DRAWN BY	LPC	DRAWING NUMBER	REV
DATE	7/25/00	REVISED		3010011A	A