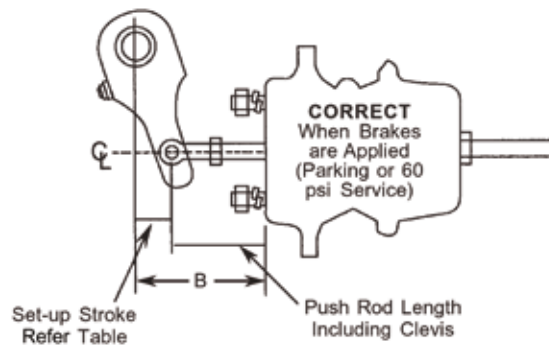
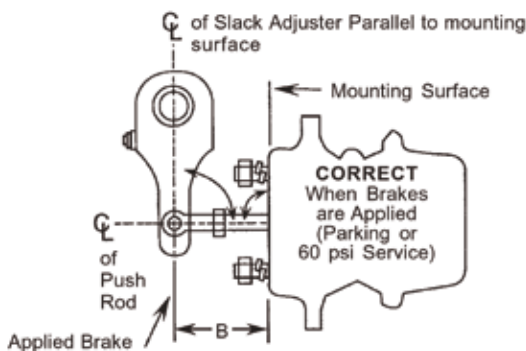


BRAKE

BRAKE CHAMBER SET UP

Force from the brake chambers is transmitted by the slack adjuster to the brake camshaft causing it to rotate. The S-cam forces the brake shoes apart, pressing them against the inside of the brake drum. When the brake is released, the brake camshaft rotates the S-cam back to its neutral position. The brake shoes are returned to their initial position by tension springs. Braking efficiency is compromised if these components are not set up correctly.



STROKE VALUES TABLE				
CHAMBER TYPE	AVAILABLE STROKE (Inches) (INCHES)	RECOMMENDED CHAMBER STROKE RANGE		TYPICAL SET-UP STROKE APPLIED BRAKE
		MINIMUM	MAXIMUM	
20	2 1/4"	(Should be as short a stroke as possible without brake dragging.)	-1 1/2"	1 3/8"
24	2 1/4"		-1 1/2"	1 3/8"
24LS**	2 1/2"		-1 3/4"	1 1/2"
30	2 1/2"		-1 3/4"	1 1/2"
36	3"		-2 1/4"	1 3/4"

