TROUBLE SHOOTING DRUM BRAKES (CON'T)

COMPLAINT	POSSIBLE CAUSE	REPAIR PROCEDURE
PULSATING PEDAL	Drums out of round (usually caused by hard braking).	Turn or replace drums, check other parts in the drum assembly for effects of heat damage.
DRAGGING OR PULLING BRAKES	Incorrect tire pressure or mismatched tires.	Check inflation and/or tire sizes.
	Contaminated linings.	Repalce linings and check cause of contamination.
	Incorrect wheel or parking brake adjustment.	Adjust as required.
	Weak return or hold down springs.	Replace all springs and check drum assembly for effects of heat damage.
	Brake pedal linkage not releasing correctly.	Check linkage and lubricate.
	Worn front end parts and shock absorbers.	Replace as required.
	Front wheel bearing loose.	Lubricate and torque to recommended specification.
	Master cylinder ports restricted.	Clear ports or replace master cylinder.
	Contaminated rubber parts which fail to release properly.	Flush hydraulic system completely before installation of new or rebuilt cylinders.
	Drums out of round.	Turn or replace drum.
	Thick or gummy brake fluid which doesn't flow easily.	Flush hydraulic system and rebuild or replace all cylinders.
	Grooved shoe pads on backing plate which restricts brake shoe movement.	Flatten pads or replace backing plate and lubricate contact points before installation of shoes.
	Incorrect master cylinder pushrod adjustment.	Adjust pushrod to allow 1/16" to 1/4" freeplay in brake pedal.
NOISY BRAKES	A. "Clicking" Cracked drum	Replace drum.
	tool marks in drum.	Turn or replace drum.
	B. "Chirping" Out of round drum.	Turn or replace drum.
	Weak or broken return and/or hold down springs.	Replace springs as required
	C. "Squealing" Glazed linings.	Replace linings and lubricate all shoe contact pads. Check other parts in drum for effects of heat damage.
	Contaminated linings.	Replace linings.
	Weak or broken hold down springs.	Replace springs.
	Dust in drums.	Blow out drums and check linings for glazed surface, also check drums for polished contact surface, and turn.
	Bent backing plate.	Replace.
	Distorted shoes.	Replace.
	Mismatched linings on an axle.	Replace linings in sets.