

This kit will provide the means to convert from air actuation to hydraulic actuation of the parking brake for L80's and L480's. The attached add/delete sheet will summarize the necessary parts to complete this conversion.

TABLE 1: PARTS COVERAGE 574995. REMOVAL OF AIR SYSTEM VALVES AND PLUMBING

1. Remove hose (P/N 217432, Item # 52) from air tank tee fitting and replace with 1/4" cap.
2. Remove Skinner Valve (P/N 239444, Item # 29), bracket (545588, Item # 30), air cleaner (210299, Item # 56) and hose (216456, Item # 28).

TABLE 2: PARTS COVERAGE 573150. REMOVAL OF AIR ACTUATOR FROM FRONT AXLE.

1. Remove actuator (P/N 217201, Item # 1) by loosening nuts (items 3 and 4). Do not worry about disassembling this unit from the brake assembly as this will be removed in the next step.
2. Plate (P/N 573062, Item # 5) is welded to the axle housing. If it interferes with the new hydraulic parking brake disc when installing, it is acceptable to cut it off.

TABLE 3: PARTS COVERAGE # 201087. REMOVAL OF THE PARKING BRAKE ASSEMBLY, TABLE 4: PARTS COVERAGE # 238852. REMOVAL OF THE RETAINER, FLANGE, OIL SEAL AND TABLE 5: PARTS LIST 572714. REMOVAL OF THE P/N 573100 DRIVE LINE.

1. Prior to removing the brake assembly, the front drive line (P/N 573100, Item # 1) has to be taken out.
2. Remove retainer (P/N 208960, Item # 43) by loosening nut (P/N R12974639, Item 48). Part is Referred to in parts coverage 201087, but is called out in parts coverage 238852.
3. Remove all drum brake pieces shown on Table 2 including flange (P/N 208959, Item # 46) which is also referenced in parts coverage 201087, but called out in parts coverage 238852.
4. The oil seal (P/N 205724, Item #42) that is called out has been provided to be replaced as a 'must do item'.

TABLE 6: PARTS COVERAGE # 241207. ADDITION OF HYDRAULIC BRAKE ASSEMBLY AND TABLE 8: P/N 564753. INSTALLATION OF THE NEW DRIVE LINE.

Note: Use the New Capscrews and Washers that are supplied to carry out following installations.

1. After oil seal is replaced, install new flange (P/N 238458, Item # 43).
2. Install brake disc (P/N 238457, item # 52) onto retainer and bracket (P/N 238464, item 56) onto flange.
3. Mount brake caliper assembly (P/N 238465, Item # 51) onto bracket.
4. Install new drive line P/N 564753 with the '9C' u joint connecting to the brake flange and the '8C' u joint attaching to the transmission.

TABLE 7: PARTS COVERAGE # 576181 PLUMBING THE BRAKE CALIPER ASSEMBLY.

Note: The information needed to perform this task is provided in FLAG 1 (Bottom left of parts coverage).

1. Thread the fitting (P/N 209083, referenced in NOTE 1) into caliper housing.
2. Plumb the hose between the caliper and the 24 volt solenoid valve (P/N 236261) that is referenced as item number 8 of TABLE 5.
3. Bleed caliper using bleeder valve that is located on the top of the caliper assembly.

CONVERSION FROM AIR TO HYDRAULICALLY ACTUATED PARKING BRAKE

ITEMS TO DELETE:

TABLE 1: PART LIST # 574995			
QTY	PART #	DESC	ITEM #
1	217432	HOSE ASSY	52
1	239444	VALVE	29
1	210299	AIR CLEANER	56
1	216456	HOSE ASSY	28

TABLE 2: PART LIST 573150			
QTY	PART #	DESC	ITEM #
1	217201	ACTUATOR	1
1	214755	YOKE	2
2	201640	NUT	3
2	114498	NUT	4
1	573062	PLATE	5

TABLE 3: PART LIST # 201087			
	PART #	DESC	ITEM #
1	216891	SHOE/ LINING	1
1	216892	CAMSHAFT	2
1	216893	MOUNTING SHAFT	3
1	216894	SUPP. BRACKET	4
2	200608	LOCKWASHER	5
2	200595	NUT	6
1	216895	WASHER	7
1	216896	LEVER	8
1	200602	WASHER	9
1	216897	CAPSCREW	10
1	216898	SPRING	14
1	216899	NUT	17
1	216900	SCREW	18
2	216901	RET. SPRING	23
1	216902	BRACE	24
2	216903	ANCHOR PIN	25
1	216904	SOCKET	26

TABLE 4: PART LIST# 238852			
QTY	PART #	DESC	ITEM #
1	208960	RETAINER	43
1	208959	FLANGE	46
1	205724	OIL SEAL	42

TABLE 5: PART LIST# 572714			
QTY	PART #	DESC	ITEM #
1	573100	DRIVELINE	1

ITEMS TO ADD

TABLE 6: PART LIST # 241207			
QTY	PART#	DESC	ITEM #
1	238458	FLANGE	43
1	238463	RETAINER	36
1	218918	WEAR SLEEVE	42
1	240630	DUST SHIELD	41
1	238462	THRUST WASHER	39
1	238465	BRAKE CALIPER ASSY	51
1	238457	BRAKE DISC	52
14	238460	CAPSCREW	53
14	238461	NUT	54
28	212992	WASHER	55
1	238464	BRACKET	56
6	238459	CAPSCREW	57
6	R104412	WASHER	58

V-ring seal (P/N 240629,Item 40) and Oil Seal (P/N 205724,Item 35) are included with flange

TABLE 7: PART LIST # 576181			
QTY	PART #	DESC	ITEM #
1	209083	FITTING *	N/A
1	233138	HOSE*	N/A

*SEE NOTE 1 ON PART COVERAGE FOR PLUMBING INFORMATION

TABLE 8: P/N 564753			
QTY	PART #	DESC	ITEM #
1	564753	DRIVELINE (8C-9C)	N/A