

NOTICE:

**ADDENDUM
TO
HYDRAULIC PUMP
ON:**

**MODELS: Pro 35II, Pro 40II, Pro 65II
FS702T, FS902T**

ATTENTION: Please use the attached instruction sheet, 0A7695, **Hydraulic Pump Kit**, in place of the information and parts list enclosed within this manual relating to the Hydraulic Pump. We apologize for any inconvenience this may cause.



17400 W. 119th Street
Olathe, KS 66061
Customer Service800-288-5040
Corp. Office913-928-1000
Cust. Service FAX....800-825-0028
Corp. Office FAX913-438-7951
Int'l. FAX.....913-438-7938

Target Products Asia
Room 806
Taichi Roppongi Mansion
6-3-15 Roppongi
Minato-Ku
Tokyo, Japan 106
PHONE03-5411-2775
FAX.....03-5411-2776

Target Products Australia
26/7 Salisbury Road
Castle Hill, N.S.W.2154
Australia
PHONE.....02-634-4677
FAX.....02-680-4982

VARIABLE RATE HYDRAULIC LIFT PUMP KIT(S)	
Kit Part Number	Model
177185	PRO 65 II, PRO 40 II, PRO 35 II
177187	FS902T, FS702T

1 Before Installing Kit



WARNING: Before installing the kit, the following **MUST** be done:

- Remove Diamond Blade from saw.
- Lower saw to the lowest position possible.



WARNING: Saw **MUST** be in the lowest possible position (with the blade removed) before removing hydraulic lift pump or hose. Failure to lower the saw to it's lowest position will cause the saw to drop rapidly when the Hydraulic Hose (J) is removed. This could cause serious injury to persons in the work area.

- Switch engine (or electric motor) to the OFF position.
- Remove negative (-) battery cable from negative battery terminal. Then, remove positive (+) battery cable from positive battery terminal. Cover positive (+) battery terminal to avoid electrical shock.

2 Remove Existing Pump

Remove existing Hydraulic Lift Pump and Speed Control Lever: (see figs. 1-1, 2-1, 3-1, 4-1)

- a. Remove the Knob (A) from the Hydraulic Lift Pump Lever (B).
- b. Remove the Cover Plate (C) by removing the four (4) #10-24 x 3/8" Screws (D).
- c. Remove the Electrical connections to the Hydraulic Lift Pump (E):
 - i. Positive (+) and Negative (-) cables (F & G).
 - ii. Quick-Lift Control Wires at the solenoid [Quick-Lift Button is on the Speed Control Lever (H)].

- d. Remove the Hydraulic Hose (J) connection to th Hydraulic Lift Pump (E).
- e. Remove the two (2) M10 x 16 mm Long Capscrews (K) that attach the Hydraulic Lift Pump (E) to the cowl.



CAUTION: DO NOT use the M10 Capscrews (K) to install the new hydraulic lift pump.



CAUTION: The new hydraulic lift pump **MUST** be installed using the 3/8"-16UNC x 1" Capscrews (S) provided in Kit!

- f. Remove the existing Speed Control Lever (H) by removing the two (2) 1/4-20 x 1-1/4" Long Capscrews (L) at the Speed Control Bracket (M). New Capscrews (L) are supplied for installing the new Speed Control Lever (H).

3 Install New Pump

Install new Hydraulic Lift Pump, Flow Control Valve and Speed Control Lever:
(see figs. 4-1, 1-2, 2-2, 3-2)

- a. Inspect to make sure the Switch (AA) on the Hydraulic Lift Pump (Q) faces in the direction shown in (fig.4-1). If it does not; loosen the nut at the bottom of the switch, rotate it to the desired position, and re-tighten the nut.
- b. Install the 90 Degree Elbow Fitting (N) , Flow Control Valve (O), and Male Fitting (P) on the new Hydraulic Lift Pump (Q), position these items as shown on (fig.4-1).
- c. Install the Reinforcement Plate (BB) (see fig.4-1, & 1-2) and the new Hydraulic Lift Pump (Q). Install the new Hydraulic Lift Pump (Q) by mounting it:
 - i. In the same holes as the old Hydraulic Lift Pump (E) for Models PRO65II, PRO40, & FS902T.
 - ii. In new holes drilled in the cowl (fig.5-1) for Models PRO35II & FS702T.
 Use the two (2) 3/8"-16 x 1" long Capscrews (S), 3/8" Lockwashers (T), and 3/8" Flat Washers (CC).



CAUTION: The new Hydraulic Lift Pump (Q) **MUST** be installed using the 3/8"-16UNC x 1" Capscrews (S) provided in the Kit! **DO NOT** use the M10 Capscrews (K) from the existing Hydraulic Lift Pump (E) to mount the new Hydraulic Lift Pump (Q) because they will not fit properly.

- d. Re-install the Hydraulic Hose (J) connection to the Hydraulic Lift Pump (Q).
- e. Remove the Hydraulic Fluid Fill Cap (Z) and fill Hydraulic Lift Pump (Q) with 1.5 Qts. of DEXRON II hydraulic oil (included with kit). Replace Hydraulic Fluid Fill Cap (Z).
- f. Mount the Speed Control Lever (U) to the Speed Control Bracket (M) using the two (2) 1/4-20 x 1-1/4" Long Capscrews (L) & 1/4-20 Locknuts (GG).
- g. Refer to the Wiring Diagram (fig.3-2) to connect the Speed Control Lever (U) to the Hydraulic Lift Pump (Q) with the Wiring Harness (R). Connect the

- Positive (+) Battery Cable (V) to the Hydraulic Lift Pump (Q). Then connect the Negative Battery Cable (W) and the green wire from the Wiring Harness (R) to the top of the Hydraulic Lift Pump (Q) with one (1) 3/8-16 Capscrew (EE) & one (1) 3/8" Lockwasher (FF).
- h. Use the cable tie (included with kit) to hold the wiring harness, etc. in a neat bundle.
- i. Mount the new Cover Plate (X) by installing the four (4) #10-24 x 3/8" Screws (Y) included in the Kit, or use the existing screws. Only one of the two cover plates included in the kit will fit the saw. Dispose of the other plate. Apply the Decal (DD) to the Cover Plate (X).
- j. Connect positive battery cable to positive battery terminal, then connect negative battery cable to negative terminal.
- k. Put the new Wiring Diagram (included with kit) with the original parts list / operating instructions for later reference.

4 Parts Included with Kit			
ITEM	P/N	DESCRIPTION	QTY
L	020372	Capscrew, Hex Hd 1/4-20UNC x 1-1/4" Lg	2
N	166627	Fitting, Elbow, 3/8" SAE x 1/4" NPT	1
O	166623	Valve, Flow Control	1
P	15700938	Fitting, Male Connector	1
Q	166633	Pump, Hydraulic Lift	1
R	177189	Wire Harness, Hyd. Pump	1
S	020323	Capscrew, Hex Hd 3/8-16 UNC x 1" Lg	2
T	020786	Lockwasher, 3/8" Split	2
U	166662	Handle & Switch Assy (Speed Control Lever)	1
V	139261	Cable, Battery Positive - Red 8"	1
W	166746	Cable, Battery Negative - Black 13"	1
X	175278	Plate, Cover, Hyd. Pump (TARGET) PRO 40 II, PRO 65 II	1
	175280	Plate, Cover, Hyd. Pump (TARGET) PRO 35 II	1
	175282	Plate, Cover, Hyd. Pump (DB) FS902T	1
	175283	Plate, Cover, Hyd. Pump (DB) FS702T	1
Y	020587	Screw, Hex Washer Hd #10-24 x 3/8" Lg	4
BB	177196	Plate, Reinforcement	1
CC	020743	Washer, Plain (USS), 3/8"	2
DD	175299	Decal, Raise / Lower (TARGET)	1
	175301	Decal, Raise / Lower (DB)	1
EE	020322	Capscrew, Hex Hd 3/8-16UNC x 3/4" Lg	1
FF	020786	Lockwasher, 3/8" Split	1
GG	020195	Locknut, Fiber 1/4-20UNC	2
*	197101	Cable Tie, Plastic 8"	1
*	090749	Oil, Hydraulic, Dexron II (Qty in Quarts)	2
*	0A7695	Instructions, Hydraulic Pump Kit	1
*	0A7693	Wiring Diagrams (TARGET) PRO 65 II, PRO 40 II, PRO 35II	1
	0A7697	Wiring Diagrams (DB) FS902T, FS702T	1

* Item not shown in figures

Instructions, Hydraulic Pump Kit – 0a7695 – 05/03/95

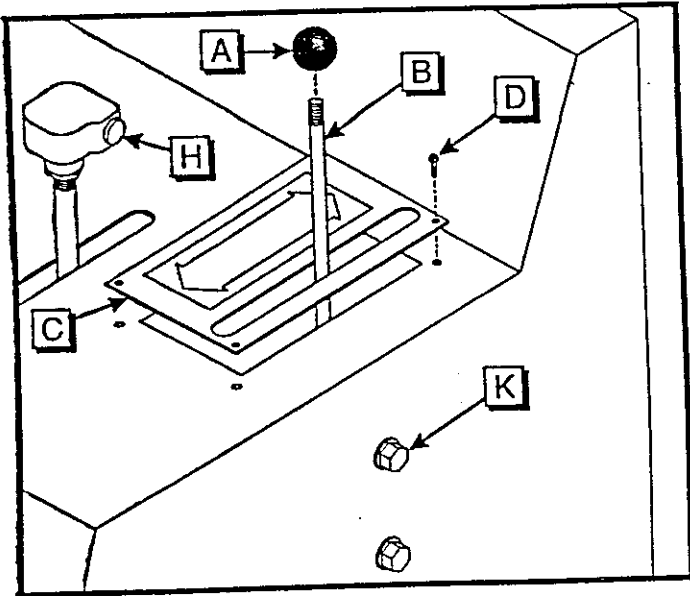


fig. 1-1

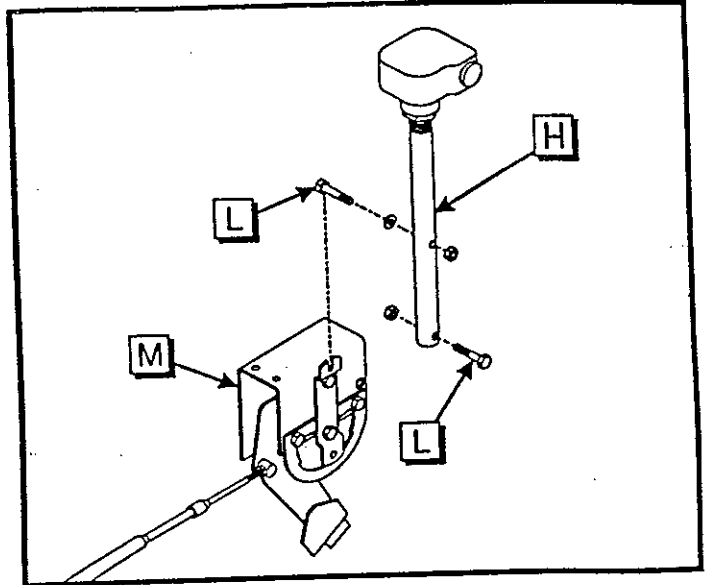


fig. 2-1

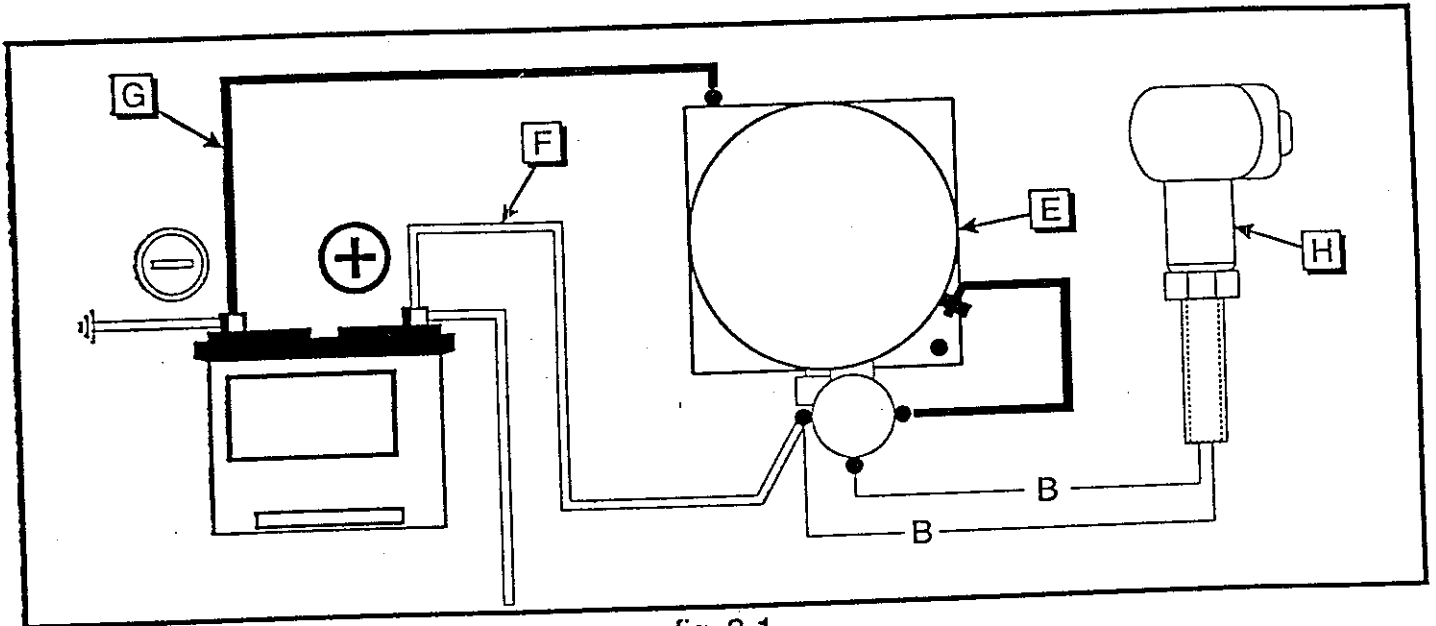


fig. 3-1

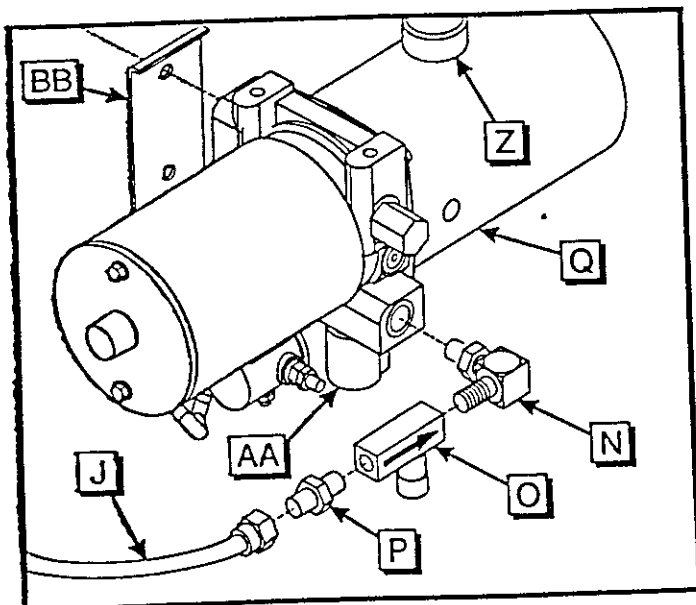


fig. 4-1

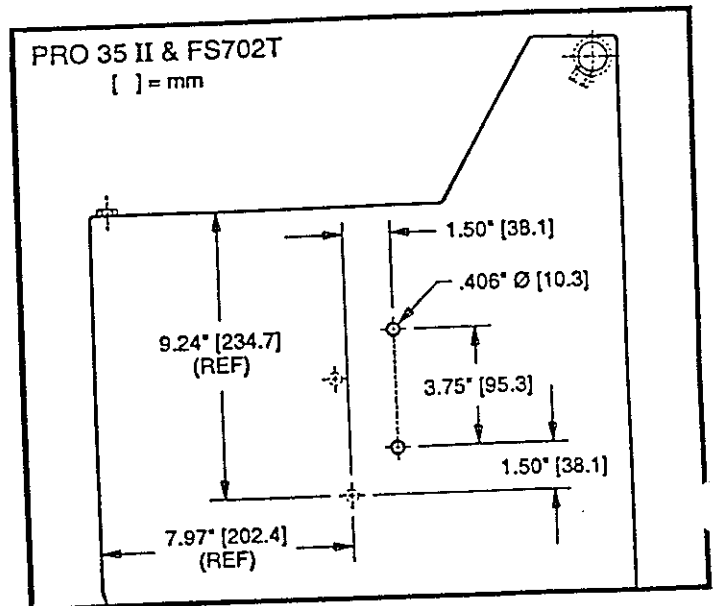


fig. 5-1

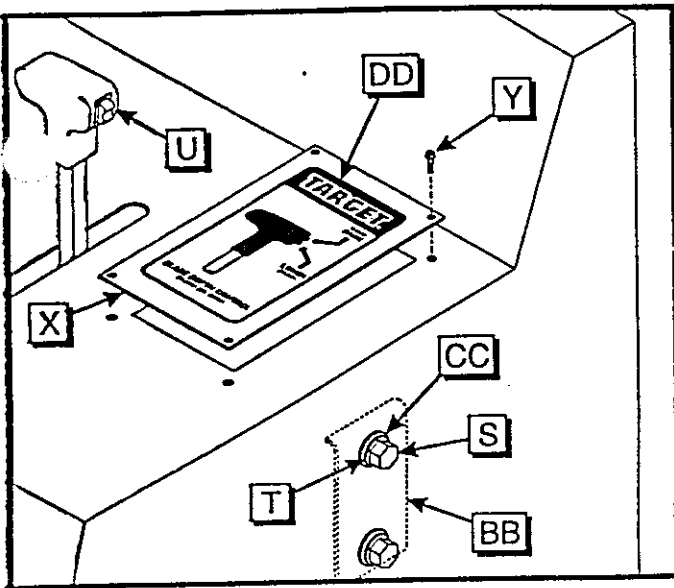


fig. 1-2

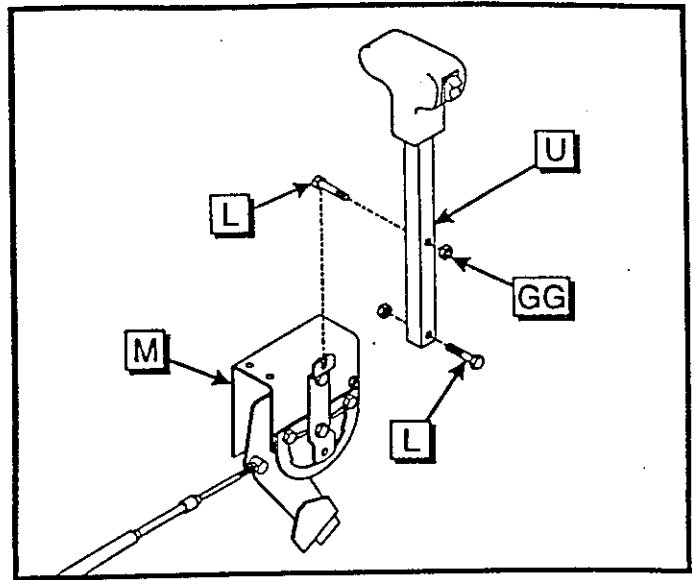


fig. 2-2

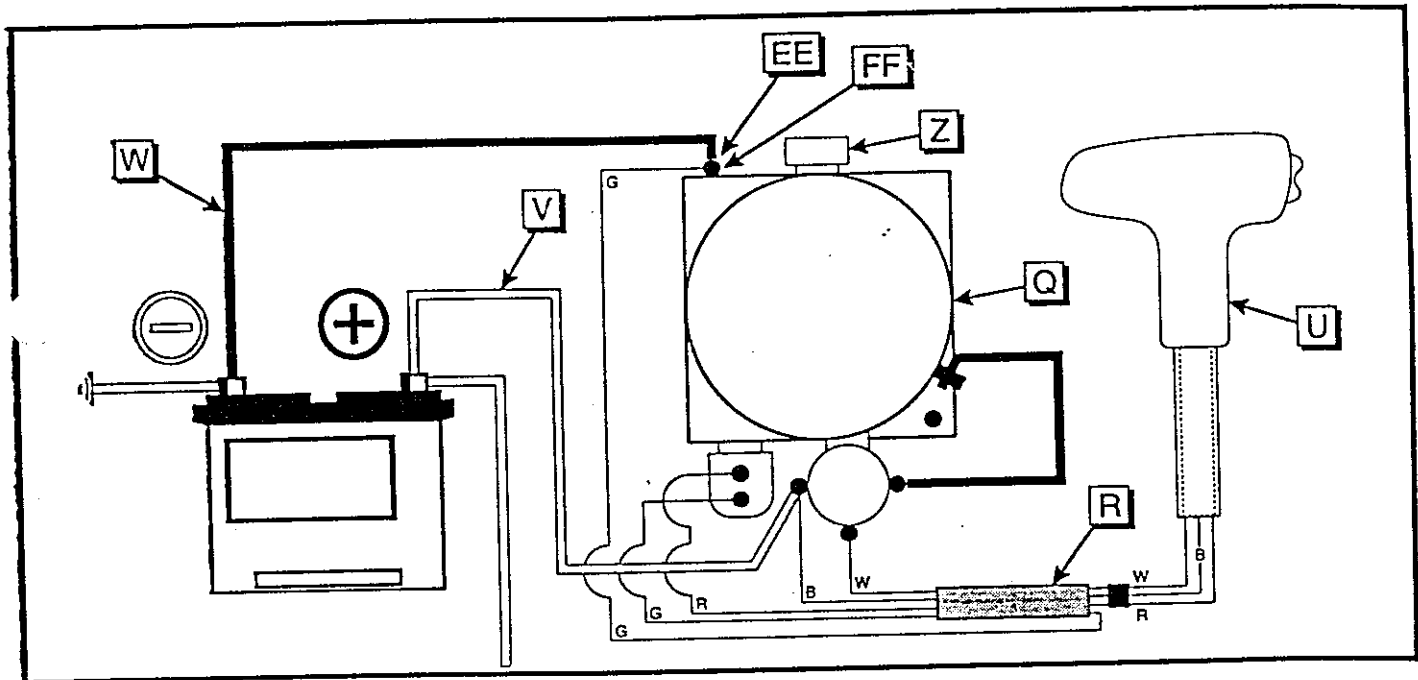


fig. 3-2

R= RED
 ROT
 ROOD
 ROUGE
 ROJO
 ROSSO

B= BLACK
 SCHWARZ
 ZWART
 NOIR
 NEGRO
 NERO

W= WHITE
 WEIß
 BLANKE
 BLANC
 BLANCO
 BIANCO

G= GREEN
 GRÜN
 GROEN
 VERT
 VERDE
 VERDE