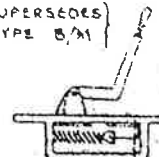

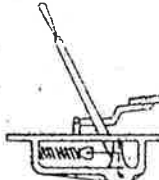
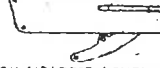


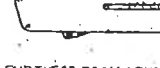


PERMANENT WAY NOTES

SWITCH-LEVERS.

(SEE ALSO MESSRS. HENRY WILLIAMS' CATALOGUE.)

THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY, SUPPLEMENT OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS, CIRCULARS ETC., WHICH SHOULD BE REFERRED TO IN ALL CASES.

TWO-WAY LEVERS.		ONE-WAY LEVERS.	
TYPE B/NV (SUPERSEDES TYPE B/M) 	TYPE B/H 10L2A STILL HORIZONTAL HANDLE 	TYPE A/RP 10L10A 	TYPE A/RH 10L8A SET FOR TRACK NEAREST LEVER-B (PUSH CONNECTING ROD TO HOLD SWITCHES) 
TYPE C 10L3A STILL (FLUSH) HORIZONTAL HANDLE 	TYPE A/LP 10L11A 	TYPE A/LH 10L9A SET FOR TRACK FURTHEST FROM LEVER-B (PUSH CONNECTING ROD TO HOLD SWITCHES) 	

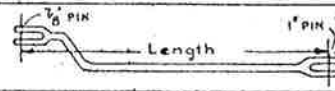
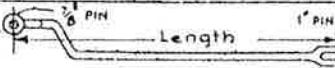
N.B. FOR DOUBLE COMPOUNDS AND SWITCHES DIFFICULT TO OPERATE, ORDER 'LL.WYNN-WILLIAMS DOUBLE LEVERAGE SWITCH LEVER' CODE 2WD (see circ J1,41332 - 1-10-46)

WHEN LEVERS WITH DETACHABLE HANDLES ARE REQUIRED FOR SPRING POINTS, ORDER TYPE A/RH (10L12A) OR A/LT (10L13A) DETACHABLE HANDLE

LIST OF SPARE PARTS FOR ALL THE ABOVE SWITCH LEVERS

TYPE OF LEVER	PART	CATALOGUE NUMBER	TYPE OF LEVER	PART	CATALOGUE NUMBER
ALL TYPES	FULCRUM BLOCK	10L 1/2	ALL TYPES	SPRING ROD NUT	10L 1
B/NV	HANDLE	10L 1/3	ALL TYPES	SPRING ROD PIN	PIN
B/H	HANDLE	10L 2/3	ALL TYPES	SPRING ROD COMPLETE WITH NUT & PIN	10L 1
C	HANDLE	10L 3/3			
A/RH, A/LH	HANDLE	10L 8/3	A/RP, A/LP	FOOTPLATE	10L K
A/RP, A/LP	HANDLE	10L 10/3	A/RP, A/LP	FOOTPLATE ARM	10L K
A/RT, A/LT	HANDLE	10L 12/3	A/RP, A/LP	GUIDE	10L K
B/NV, B/H, C	PLUNGER	10L 1/4	A/RP, A/LP	CRANK PIN & SPLIT PIN	PIN
B/NV, B/H, C	CRANK	10L 1/5	ALL TYPES EXCEPT C	HANDLE PIN & SPLIT PIN	PIN
A/LH, A/LP, A/LT	L.H. CRANK	10L 9/5	A/RH, A/LH, A/RP, A/LP, A/RT, A/LT	CRANK PIN & SPLIT PIN	PIN
A/RH, A/RP, A/RT	R.H. CRANK	10L 8/5	C	HANDLE PIN & SPLIT PIN	PIN
ALL TYPES	SPRING ROD	10L 1/6	A/RP, A/LP	FULCRUM PIN & NUT	PIN
B/NV, B/H, A/RH, A/LH, A/RT, A/LT	STANDARD SPRING 3/8" WIRE	10L 1/10	A/RP, A/LP	TREBLE PIN & SPLIT PIN	PIN
C	STANDARD SPRING 11/32" WIRE	10L 6/10	C	DISTANCE PIECE & STUD	PIN
A/RP, A/LP	EXTRA STRONG SPRING 13/32" WIRE	10L 5/10	A/RT, A/LT	DISTANCE STUD	PIN
			C	HANDLE STOP	PIN
			C	M.S. STRAP	10L

NOTE. ORDER SWITCH-LEVERS BY DESIGNATORY LETTERS QUOTED ABOVE, E.G. 'WILLIAMS LEVER, TYPE B/NV.' LEVERS TO BE FIXED 5 FT. FROM NEAREST RAIL, WHERE PRACTICABLE. (E.D.I. § 409), THUS NECESSITATING TWO CROSSING TIMBERS AT TOE OF SWITCHES, 4.6' LONGER THAN NORMAL

SWITCH LEVER	CONNECTING BARS (SUPPLIED COMPLETE WITH PINS)	* THIS LENGTH POSITIONS LEVER 5 FT. FROM RAIL, OR CENTRALISES IT IN A 10' INTERVAL. TO CENTRALISE LEVER IN SMALLER INTERVALS, THE LENGTH OF BAR ORDERED MUST BE DECREASED (TO NEAREST 1") BY THE DECREASE IN INTERVAL												
No 1		<table border="1"> <tr> <th>TYPE OF STRETCHER BAR</th> <th>FLEXIBLE OR UNIVERSAL</th> <th>ROUND</th> <th>COMPOUND</th> </tr> <tr> <td>TYPE OF CONNECTING BAR</td> <td>No 1</td> <td>No 2</td> <td></td> </tr> <tr> <td>STANDARD LENGTH *</td> <td>BH. 4'-7" FB. 6'-0"</td> <td>5'-8" 6'-1"</td> <td>4'-9"</td> </tr> </table>	TYPE OF STRETCHER BAR	FLEXIBLE OR UNIVERSAL	ROUND	COMPOUND	TYPE OF CONNECTING BAR	No 1	No 2		STANDARD LENGTH *	BH. 4'-7" FB. 6'-0"	5'-8" 6'-1"	4'-9"
TYPE OF STRETCHER BAR	FLEXIBLE OR UNIVERSAL		ROUND	COMPOUND										
TYPE OF CONNECTING BAR	No 1	No 2												
STANDARD LENGTH *	BH. 4'-7" FB. 6'-0"	5'-8" 6'-1"	4'-9"											
No 2														

METHODS OF COUPLING SWITCHES IN DOUBLE COMPOUNDS (FOR OPERATION BY ONE LEVER)

