



**NOTE:** ALL PARTS SHOWN INTERFACE WITH DETROIT DIESELS NEW REPLACEMENT INJECTOR. PARTS 22-24 MUST BE PLACED AS AN ASSEMBLY. A RETROFIT KIT IS AVAILABLE FOR THIS APPLICATION AND MUST BE INSTALLED IF AN INJECTOR IS BEING REPLACED. SEE SERVICE BULLETIN #154.  
**INJECTOR RETROFIT KIT # P63012** WILL UPDATE 3 HOUSINGS.

**\*P-61 ACCUMULATOR/CONTROL VALVE SPRING**  
 CAUTION: DO NOT MIX SINGLE AND MULTI SPRINGS IN HOUSINGS. WHEN SERVICE IS REQUIRED SINGLE SPRINGS SHOULD BE USED TO REPLACE MULTI SPRINGS.

ILLUST. #	PART #	DESCRIPTION	QTY
1	P01492	CAPSCREW	2
2	P60019	SPRING PLATE	2
3	P34650	CONTROL VALVE COVER	2
4	P60054	ACCUMULATOR SPRING*	2
7	P60060	ACCUMULATOR PISTON	2
8	P60053	CONTROL VALVE SPRING*	2
10	P01500	CONTROL VALVE (2 HOLES)	2
11	P60042	BALL CHECK RETAINER	1
12	P60041	BALL CHECK SPRING	1
13	P60039	BALL CHECK	1
14	P04205	SOLENOID	1
15	P01081	UPPER SOLENOID SEAL	1
16	P01082	CENTER SOLENOID SEAL	1
17	P01083	LOWER SOLENOID SEAL	1
18	P03795	BUTTON HEAD SCREW	2
19	P38015	WASHER	2
20	P60013	MASTER PISTON SPRING	2
21	P60016	MASTER PISTON ASSEMBLY	2
22	P60096	SOCKET HEAD SCREW	2
23	P80088	WASHER	2
24	P80089	BRIDGE SPRING	2
25	P60070	SLAVE PISTON BRIDGE	2
26	P05612	OUTER SLAVE PISTON	2
27	P60008	INNER SLAVE PISTON	2
28	NA	BARE HOUSING	
29	P60122	PAFLASH SCREW (11.1L)(GREEN)	4
30	P09355	NUT	4
NI	P60010	COMPLETE HSG. ASSY. (PER BRAKE)	3
NI	P60101	COMPLETE TUNE-UP KIT (SOLD SEPARATELY)	

**BASE KITS FOR P-61 - P61001**

PART NO.	DESCRIPTION	QTY./KIT
P60010	HOUSING ASSEMBLY	3
P60023	SPACER BAR	2
P60050	ATTACHING GROUP	1

**ATTACHING GROUP FOR P-61/P-63C - P60050**

PART NO.	DESCRIPTION	QTY./GROUP
P60021	CAPSCREW	9
P60022	WASHER	9

**OPTION ITEMS FOR P-61/P-63C**

PART NO.	DESCRIPTION	QTY
P12261T	CLUTCH SWITCH ASSEMBLY	1
P11494	SOLENOID WRENCH	1
P60085	C.O.E. EXTENSION HARNESS	1

**CONTROL GROUPS FOR P-61/P-63C WITH DDEC II - P60150**

PART NO.	DESCRIPTION	QTY./GRP.
P02970	H-M-L SWITCH ASSY.	1
P01304	ON-OFF SWITCH	1
P01305	ON-OFF SWITCH PLATE	1
P01495	CLUTCH SWITCH ASSY.	1
P60045	RELAY	1
P60100	SCREW	1
P01300	FUSE HARNESS	1
P60014	PLASTIC TIE	12
P60046	DDEC HARNESS	1
P60047	THRU-HEAD HARNESS	1
P60048	UNDER-COVER HARNESS	1
P64206	SOLENOID TERMINAL	3

**CONTROL GROUPS FOR P-61/P-63C WITH DDEC III, IV - P60155**

PART NO.	DESCRIPTION	QTY./GRP.
P02970	H-M-L SWITCH ASSY.	1
P01304	ON-OFF SWITCH	1
P01305	ON-OFF SWITCH PLATE	1
P60014	PLASTIC TIE	12
P60048	UNDER-COVER HARNESS	1
P60049	JUMPER WIRE	1
P60063	THRU-HEAD HARNESS	1
P64206	SOLENOID TERMINAL	3
M8069	PUSH-ON TERMINAL	3

**MOST VEHICLES WITH DDEC III OR DDEC IV ARE PREWIRED AT THE VOEM PLANT. IF THE VEHICLE IS NOT PREWIRED CONTACT THE APPROPRIATE VOEM FOR THE CAB HARNESS.**

