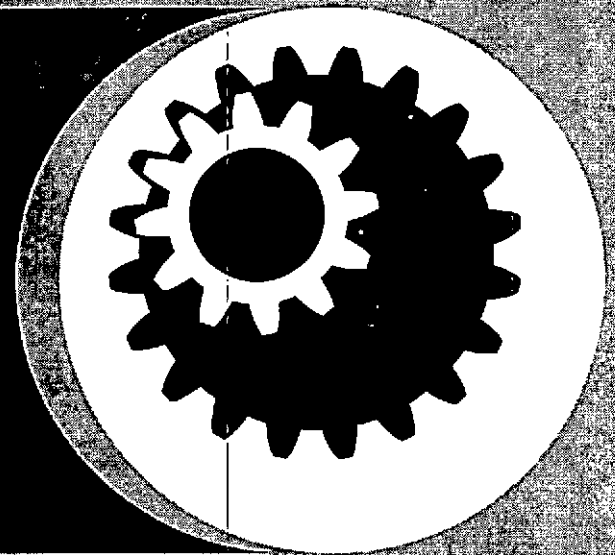


POWERTECH[®] 6.8 L
6068 OEM Diesel
Engines and
Accessories
(Dubuque/Saran/Torreón)

PARTS
CATALOG



Deere Power Systems Group
PG2522 (Jan-00)
LITHO IN U.S.A. (REVISED)

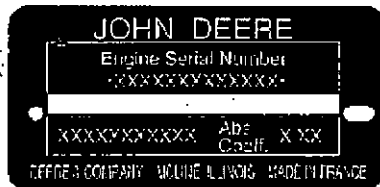


ENGINE SERIAL NUMBER PLATE

TP58281 -UN-26JAN98



DUBUQUE OPTION



SARAN OPTION



TORREON OPTION

TP58281

1. DESIGNATES ENGINE MANUFACTURER
2. DESIGNATES NUMBER OF CYLINDERS AND LITERS
3. DESIGNATES FUEL TYPE OR SPECIAL CONDITION
4. DESIGNATES ENGINE SERIAL NUMBER
5. DESIGNATES THE ENGINE APPLICATION AND FACTORY USER.

T-JOHN DEERE DUBUQUE WORKS
6068 (6.8 LITER)


DF NON-TURBOCHARGED DIESEL ENGINE
TF TURBOCHARGED
123456
6068TF 150 (WITH TURBOCHARGER)
6068 DF 150 (WITHOUT TURBOCHARGER)
6068 HF 150 (WITH TURBOCHARGER AND INTERCOOLER)
6068 TF 151 (WITH TURBOCHARGER)
6068 TF 250 (WITH TURBOCHARGER)
6068 TF 220 (WITH TURBOCHARGER)

^A6068 HF 250 (WITH TURBOCHARGER AND INTERCOOLER)
(SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE)

OPTION CODE LABEL

IN ADDITION TO THE SERIAL NUMBER PLATE, OEM ENGINES HAVE AN ENGINE OPTION CODE LABEL AFFIXED TO THE ROCKER ARM COVER. THESE CODES INDICATES WHICH OF THE OPTIONS WERE INSTALLED ON YOUR ENGINE AT THE FACTORY. WHEN IN NEED OF PARTS OR SERVICE, FURNISH YOUR AUTHORIZED SERVICING DEALER OR ENGINE DISTRIBUTOR WITH THESE NUMBERS. THE FIRST TWO DIGITS OF EACH CODE IDENTIFY A SPECIFIC GROUP, SUCH AS AN ALTERNATOR. THE TWO LAST DIGITS OF EACH CODE IDENTIFY ONE SPECIFIC OPTION PROVIDED ON YOUR ENGINE, SUCH AS A 12 VOLTS, 55 AMPERES ALTERNATOR. IF AN ENGINE IS ORDERED WITHOUT A PARTICULAR COMPONENT, THE LAST TWO DIGITS OF THAT FUNCTIONAL GROUP OPTION CODE WILL BE 99.

TP49602 -UN-03APR97

JOHN DEERE	
ORDER	BASIC ENGINE
OPTION	CODES
	
SERIAL NO. <input type="checkbox"/>	

TP49602

SERIAL NUMBER LISTING INFORMATION

SERIAL NUMBER INFORMATION IS LISTED TO SHOW ON WHICH MACHINES EACH PART CAN BE USED; FOR EXAMPLE:

- THE PART CAN BE USED ON ALL MACHINES.
- 000000- THE PART CAN BE USED ON ALL MACHINES BEGINNING WITH THE SERIAL NUMBER LISTED.
- 000000 THE PART CAN BE USED ON ALL MACHINES UP TO AND INCLUDING THE SERIAL NUMBER LISTED.
- 000000-000000 THE PART CAN BE USED ON ALL MACHINES BETWEEN AND INCLUDING THE SERIAL NUMBERS LISTED.

WHEN XXXXXX'S ARE LISTED IN PLACE OF A SERIAL NUMBER, A SERIAL NUMBER CHANGE WAS MADE BUT THE EXACT SERIAL NUMBER WAS NOT AVAILABLE WHEN THE CATALOG WAS PRODUCED.

DIRECTION ARROW

ARROWS ARE USED WITH ILLUSTRATIONS TO INDICATE THE FRONT OF THE ENGINE. "RIGHT-HAND" AND "LEFT-HAND" SIDES ARE DETERMINED BY STANDING AT THE DRIVE OR PTO END AND FACING THE ENGINE.

BOX-ENCLOSED ILLUSTRATIONS

A KEY NUMBER, SHOWN IN THE PARTS LIST, IS ASSIGNED TO A BOX ENCLOSING ALL PARTS SOLD AS A SERVICE ASSEMBLY.

BOLT AND CAP SCREW STRENGTH IDENTIFICATION

BOLTS AND CAP SCREWS REQUIRED TO HAVE HIGH-STRENGTH QUALITIES EQUIVALENT TO SAE GRADE 8 ARE IDENTIFIED THROUGHOUT THIS CATALOG BY THE DESCRIPTION HS SAE 8. ALL STANDARD BOLTS AND CAP SCREWS ARE SAE GRADE 5 OR LOWER.

COMPLETE GOODS LISTINGS

COMPLETE GOODS ARE LISTED IN BOLD FACE TYPE. ORDER SEPARATELY. DO NOT INCLUDE ON REPLACEMENT PARTS ORDER.

SI UNITS OF MEASURE

METRIC DIMENSIONS ARE GIVEN, WHERE APPLICABLE, THROUGHOUT THIS PARTS CATALOG.

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ENGINE 4

CRANKSHAFT AND MAIN BEARINGS 0401

CRANKSHAFT, GEAR AND MAIN BEARINGS

CODE 4702 (6068DF150, 6068TF150, 6068TF151, 6068TF220, 6068TF250, 6068HF150, 6068HF250)

CODE 4703 (6068HF250)

VILEBREQUIN, DEMI-COUSSINETS

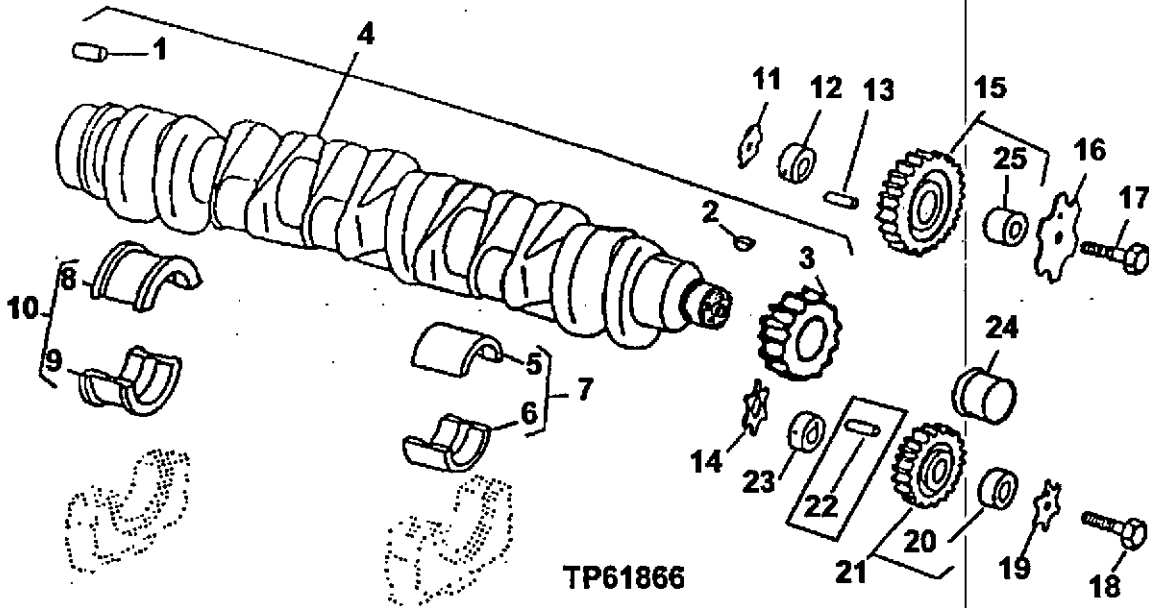
KURBELWELLE, LAGER

ALBERO, CUSCINETTO

CIGUENAL, COJINETE

VEVAXEL, LAGER

TP61866 -UN-21APR99



TP61866

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	1		12.700 X 28.448 MM (1/2" X 1.120")
2	26M4224	SHAFT KEY	1		4 X 16 MM
3	R120631	GEAR	1		(30 TEETH)
4	RE52850	CRANKSHAFT	1		(CODE 4702) (MARKED R116076) (ALSO ORDER RE59811)
	RE500016	CRANKSHAFT	1		(CODE 4703) (MARKED R116076)
5	.....	BEARING	6		STANDARD UPPER, (MARKED R123561)
6	.....	BEARING	6		UNDERSIZE UPPER .254 MM, (MARKED R130576)
6	.....	BEARING	6		STANDARD LOWER, (MARKED R123562)
	.....	BEARING	6		UNDERSIZE LOWER .254 MM, (MARKED R130577)
7	RE65165	BEARING KIT	6		STANDARD
	RE65911	BEARING	6		UNDERSIZE .254 MM
8	.....	BEARING	1		STANDARD UPPER, (MARKED R123563)
	.....	BEARING	1		UNDERSIZE UPPER .254 MM, (MARKED R130574)
9	.....	BEARING	1		STANDARD LOWER, (MARKED R123564)
	.....	BEARING	1		UNDERSIZE LOWER .254 MM, (MARKED R130575)
10	RE65168	BEARING KIT	1		STANDARD
	RE65912	THRUST BEARING	1		UNDERSIZE .254 MM
11	R123174	LOCK WASHER	1		
12	R120641	SHAFT	1		
13	34H288	SPRING PIN	1		
14	R101225	THRUST WASHER	1		4.775 X 44.450 MM (3/16" X 1-3/4")
15	RE56313	GEAR	1		(SUB FOR R131284)
16	R131206	THRUST WASHER	1		
17	19M8997	SCREW	1		M10 X 65
18	19M8966	SCREW	1		M10 X 50
19	R131283	THRUST WASHER	1		
20	R114193	BUSHING	1		
21	RE56369	GEAR	1		
22	34H283	SPRING PIN	1		
23	R114194	SHAFT	1		-XXXXXX 3/16" X 1-1/8"
24	RE59811	SLEEVE	1		

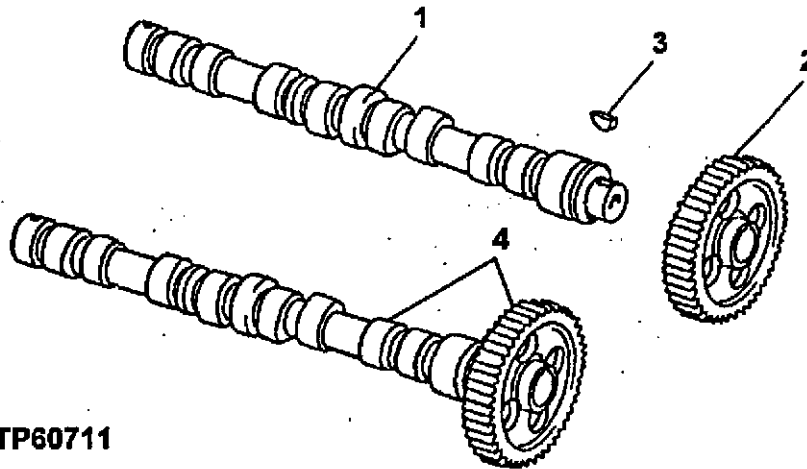
MEMORANDA

MEMORANDA

1B13

ENGINE 4

CAMSHAFT CODE 4603 CAMSHAFT
 ARBRE A CAMES
 NOCKENWELLE
 ALBERO A CAMME
 ARBOL DE LEVAS
 KAMAXEL
 TP60711 -UN-17JUN98



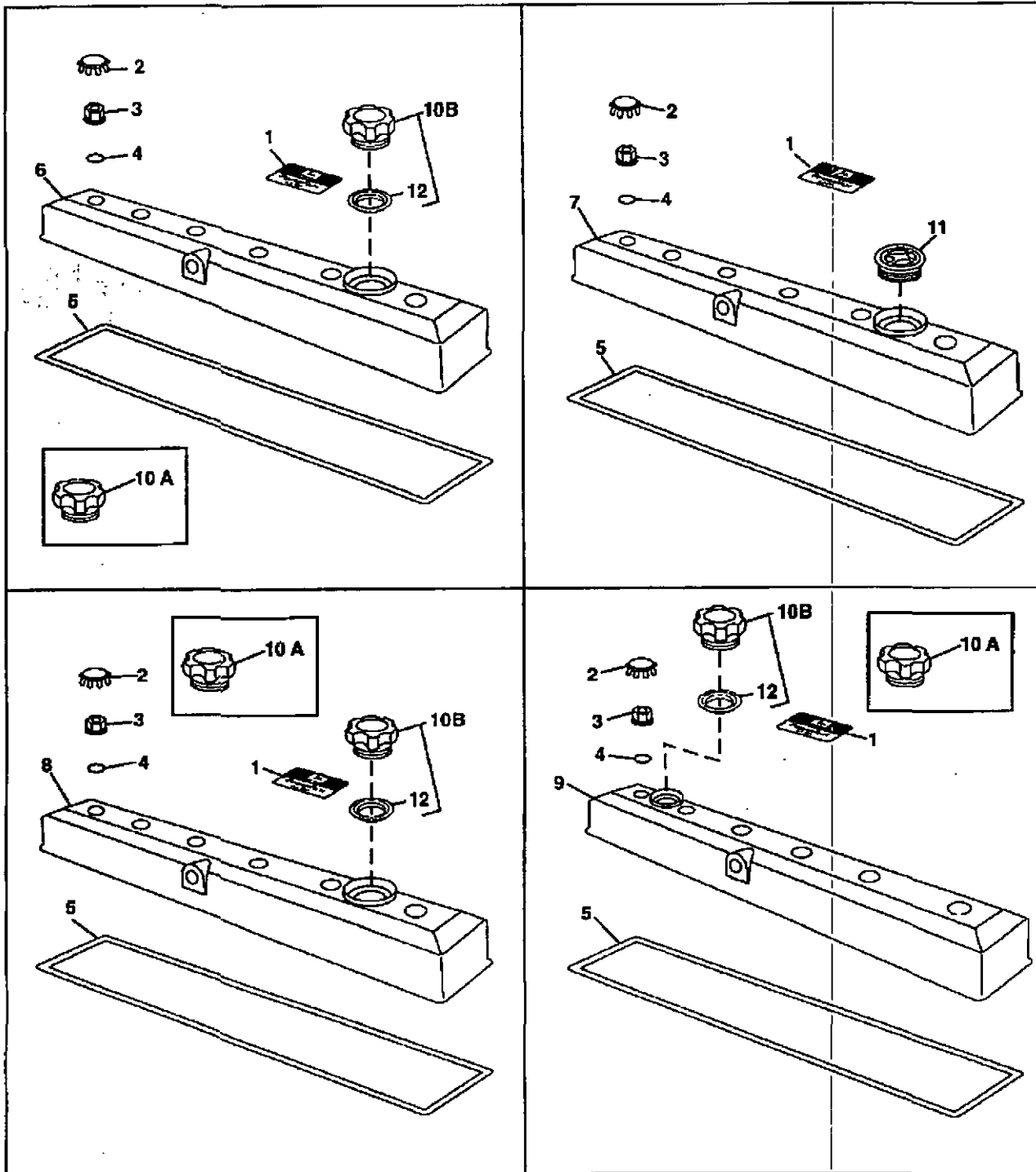
TP60711

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	CAMSHAFT	1		(R115583, R132428, R133811 AND R135440 NO LONGER AVAILABLE)
2	.....	GEAR	1		(60 TEETH) (R120633, R132323 AND R133812 NO LONGER AVAILABLE)
3	26M4224	SHAFT KEY	1		4 X 16 MM, (USE WITH R115583 OR R132428)
	.....	SHAFT KEY	1		(R133303 NO LONGER AVAILABLE) (USE WITH R133811 OR R135440)
4	RE56578	CAMSHAFT	1		(WITH GEAR AND KEY) (MARKED R135440)

1B14

ENGINE 4

VALVE COVER CODE 1102, 1104, 1106 AND 1108 ROCKER ARM COVER
CACHE-CULBUTEURS
VENTILDECKEL
COPERCHIO VALVOLE
TAPA DE VALVULA
VENTILKAAPA
TP55085 -UN-17APR97



TP55085

1B15

ENGINE 4

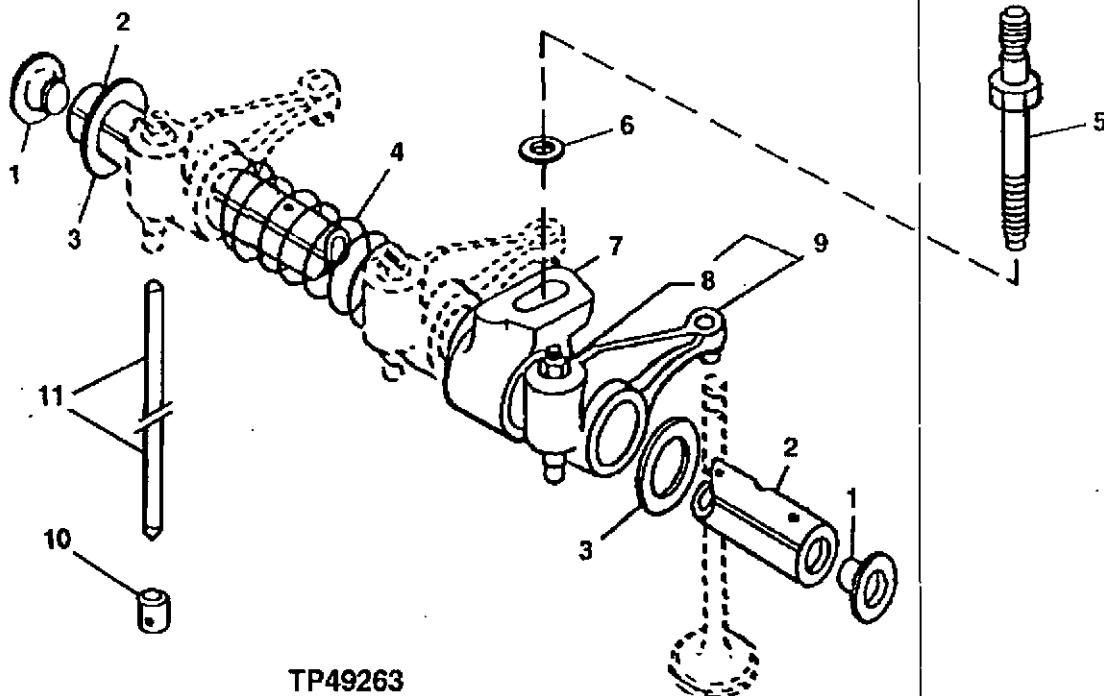
ROCKER ARM COVER
CODE 1102 AND 1104 ROCKER ARM COVER
CODE 1106 AND 1108 ROCKER ARM COVER

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R121674	MEDALLION	1		
2	H23125	PLUG	6		
3	R123574	NUT	6		
4	R123575	O-RING	6		
5	R123543	GASKET	1		
6	RE502987	VALVE COVER	1		(CODE 1102) (SUB FOR RE69372 AND RE70400)
7	RE502987	VALVE COVER	1		(CODE 1104) (SUB FOR RE69372 AND RE70400)
8	RE502987	VALVE COVER	1		(CODE 1106) (SUB FOR RE69372 AND RE70400)
9	RE70402	VALVE COVER	1		(CODE 1108) (SUB FOR RE69373)
10A	.....	FILLER CAP	1		(RE52326 NO LONGER AVAILABLE) (SUB RE500005)
10B	RE500005	FILLER CAP	1		
11	RE59801	PLUG	1		(CODE 1104)
12	R500001	PACKING	1		(USE WITH RE500005)

1B16

ENGINE 4

ROCKER ARM/ROCKER ARM SHAFT/TAPPET/PUSH ROD CODE 4902 VALVE ACTUATING MACHINISM
 CULBUTERU/ARBRE DE CULBUTEURS/POUSSOIR DE SOUPAPE/TIGE DE CULBUTEURS
 KIPPHEBEL/KIPPHEBELWELLE/VENTILSTOESSEL/STOESSELSTANGE
 TERGICRISTALLO/ALBERINO DEI BALANCIERI/CELENTE/ASTINA PUNTERIE
 BALANCIN/EJE DE BALANCINES/BOTADOR/VARILLA DE UMPUJE
 VIPPARM/VIPPARMSAXEL/KAMFOELJARE/STOETSTAANG
 TP49263 -UN-20JUN95



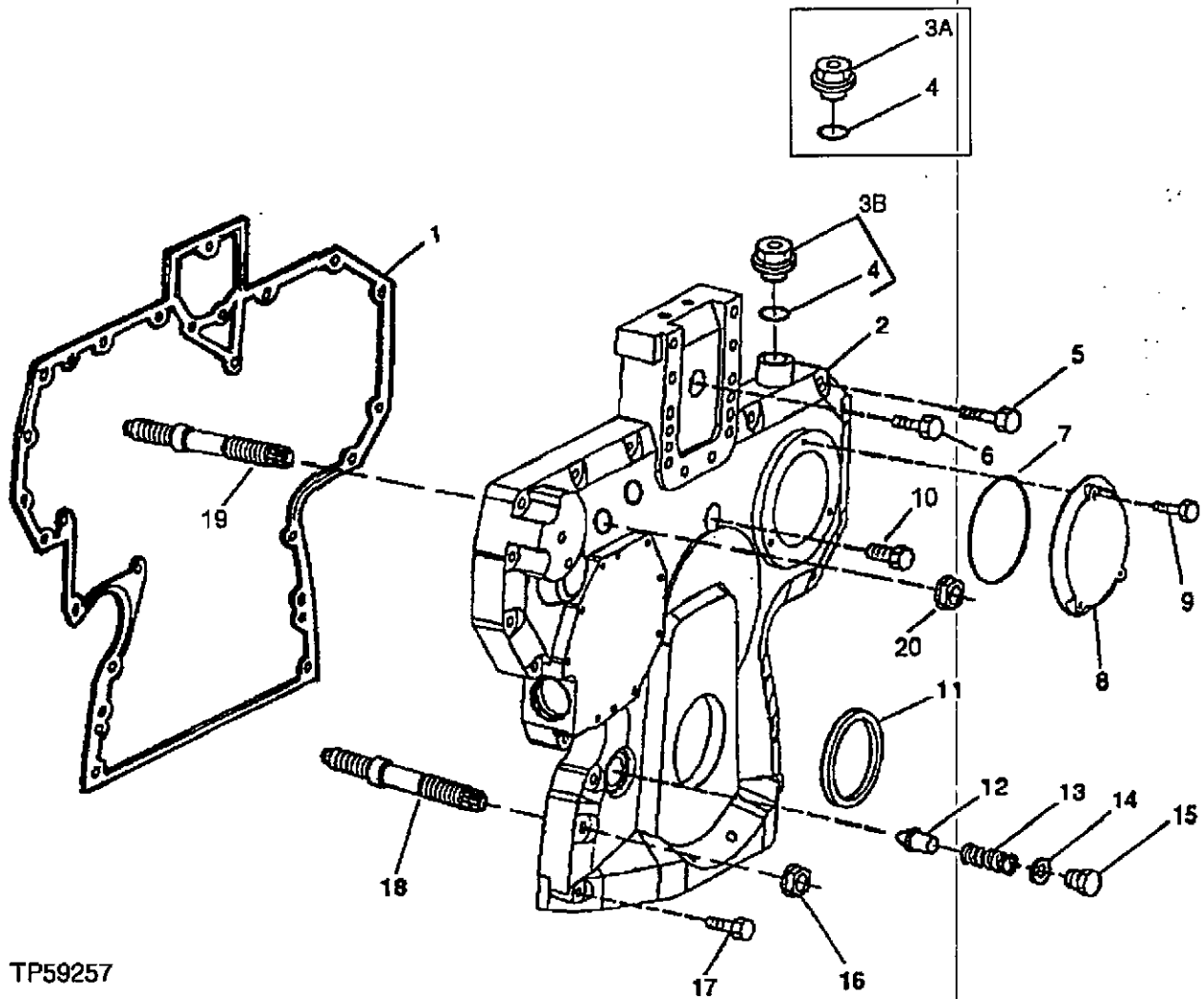
TP49263

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R54565	PLUG	2		
2	R123514	ROCKER ARM SHAFT	1		
3	T20316	WASHER	2		
4	T20314	SPRING	5		
5	R123271	STUD	6		
6	R42729	WASHER	6		
7	R123161	SUPPORT	6		
8	14M7148	NUT	1		
9	.....	ROCKER ARM	12	-538052	M10 (RE59457 NO LONGER AVAILABLE) (SUB RE68695 AND R107731)
10	RE68695	ROCKER ARM	12	538053-	
	R123565	CAM FOLLOWER	12		
11	R54799	PUSH ROD	12	-538052	
	R107731	PUSH ROD	12	538053-	

MEMORANDA

1B17

Timing Gear Cover Without Auxiliary Drive
Code 4401 and 4403
COUV. AND PIGNONS DISTR.
STEUERGEHAEUSE RAEDERN
TP59257 -UN-11MAY98



TP59257

1B18

ENGINE 4

TIMING GEAR COVER WITHOUT AUXILIARY DRIVE

CODE 4401 (6068TF151)

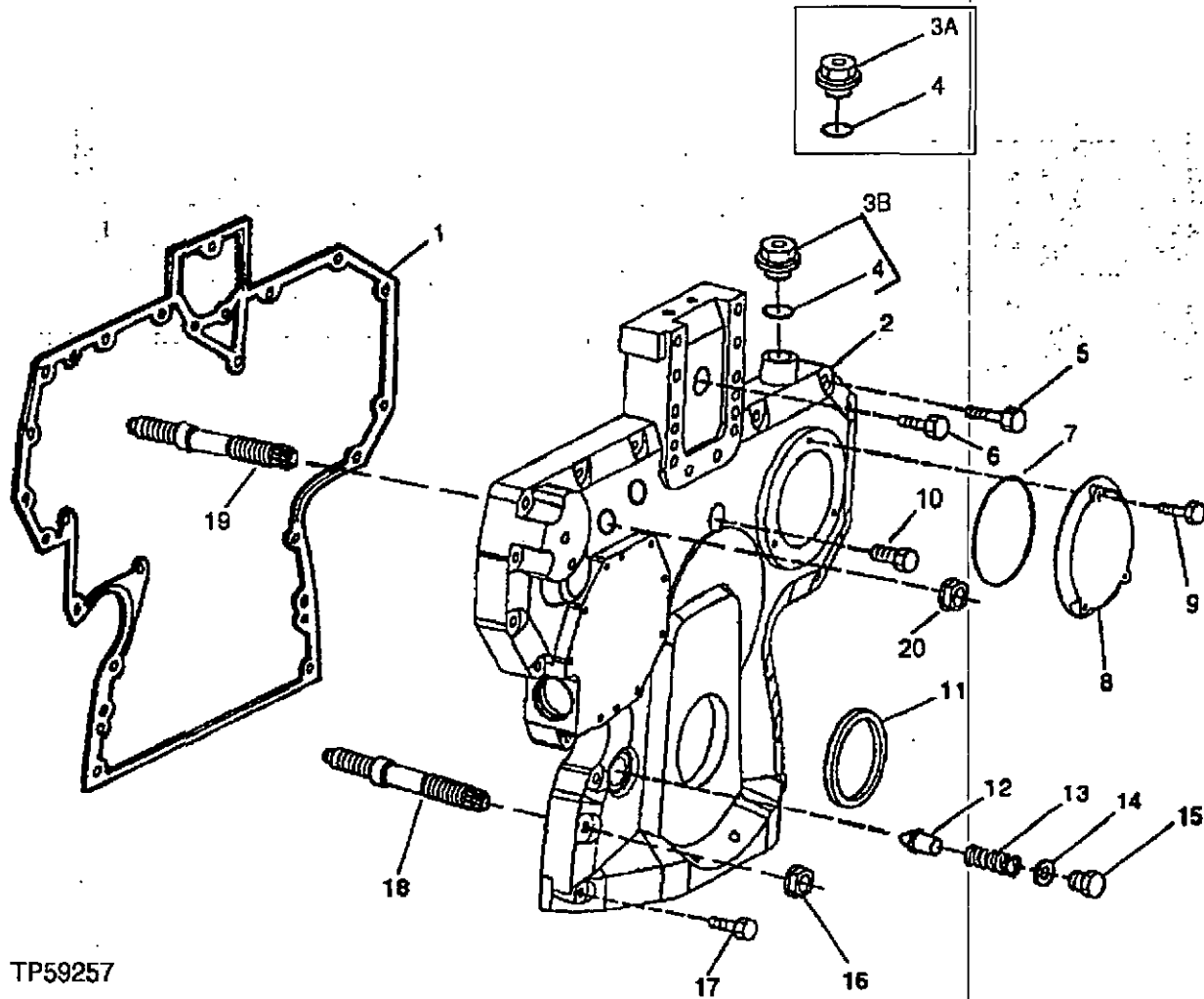
CODE 4403 (6068DF150, 6068TF150, 6068TF220, 6068HF150, 6068HF250)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R136516	GASKET	1		(SUB FOR R123421 AND R134534)
2	R121633	COVER	1	-703904	(SUB R134531, R134534, (2) R134518 AND (2) 14M7296)
3A	R134531 R101085	COVER PLUG	1 1	703905-	(SUB RE501938, THIS APPLICATION) (WITHOUT TACHOMETER SENSOR)
3B	RE501938	PLUG	1		(WITHOUT TACHOMETER SENSOR)
4	51M7044	O-RING	1		17.300 X 2.200 MM
5	19M8317	SCREW	6		M8 X 40
	19M7867	SCREW	1		M8 X 25
	RE67239	SCREW	1		
6	19M8291	SCREW	1		M8 X 35
7	R121424	O-RING	1		
8	R121411	COVER	1		
9	19M7775	SCREW	3		M6 X 16
10	19M7801	SCREW	1		M8 X 60
11	RE59810	SEAL KIT	1		
12	R83169	VALVE	1		
13	T27658	SPRING	1		
14	A4827R	WASHER	1		
15	R91692	PLUG	1		
16	14M7296	FLANGE NUT	4		M10
17	19M7979	SCREW	2		M8 X 55
18	R123584	STUD	4		
19	R134518	STUD	2	703905-	
20	14M7296	FLANGE NUT	2	703905-	

1B19

ENGINE 4

TIMING GEAR COVER WITH AUXILIARY DRIVE
CODE 4402 AND 4404
COUV. AND PIGNONS DISTR.
STEUERGEHAEUSE RAEDERN
COPERCHIO DIST/INGRAN.
TP59257 -UN-11MAY98



TP59257

1B20

ENGINE 4

TIMING GEAR COVER WITH AUXILIARY DRIVE

CODE 4402 (6068DF150, 6068TF150)

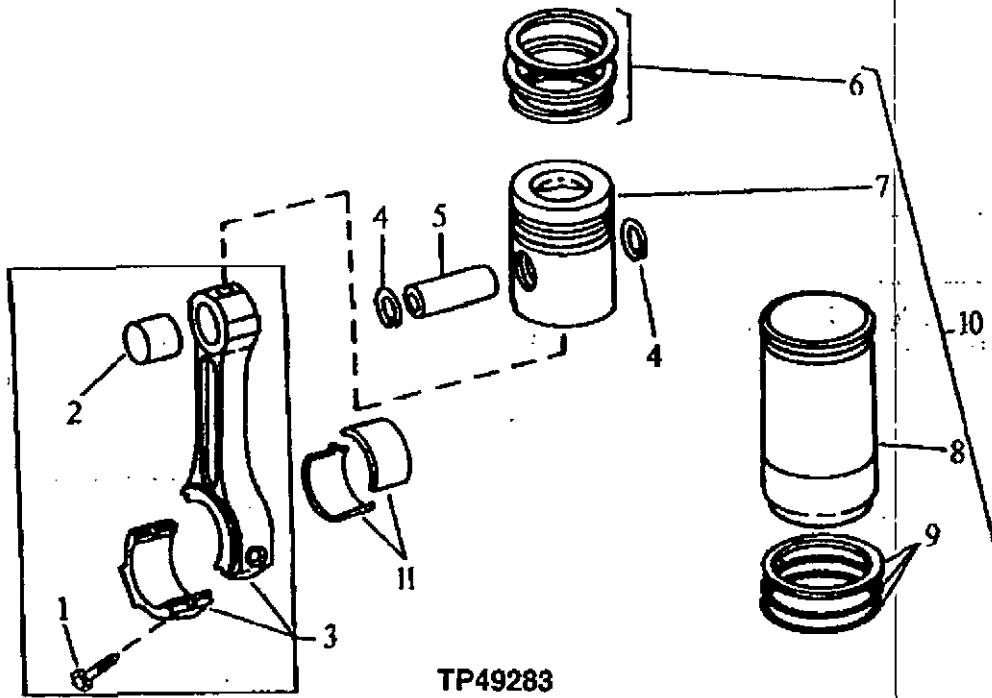
CODE 4404 (6068DF150, 6068TF150, 6068TF220, 6068TF250, 6068HF150, 6068HF250)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R136515	GASKET	1		(SUB FOR R123425 AND R134533)
2	R121625	COVER	1	-703904	(SUB R501297, R134533, (2) R134518 AND (2) 14M7296)
	R501297	COVER	1	703905-	(SUB FOR R134530)
3A	R101085	PLUG	1		(SUB RE501938, THIS APPLICATION) (WITHOUT TACHOMETER)
3B	RE501938	PLUG	1		(WITHOUT TACHOMETER)
4	51M7044	O-RING	1		17.300 X 2.200 MM
5	19M8317	SCREW	10		M8 X 40
	RE67239	SCREW	1		
6	19M8291	SCREW	1		M8 X 35
	19M7801	SCREW	1		M8 X 60
7	R121424	O-RING	1		
8	R121411	COVER	1		
9	19M7775	SCREW	3		M6 X 16
10	RE67239	SCREW	2		(SUB FOR RE67240)
11	RE59810	SEAL KIT	1		
12	R83169	VALVE	1		
13	T27658	SPRING	1		
14	A4827R	WASHER	1		1" X 1-1/4" X 0.064"
15	T27657	FITTING PLUG	1		
16	14M7296	FLANGE NUT	4		M10
17	19M7979	SCREW	2		M8 X 55
18	R123584	STUD	4		
19	R134518	STUD	2	703905-	
20	14M7296	FLANGE NUT	2	703905-	M10

1B21

ENGINE 4
CONNECTING RODS AND PISTONS 0403

CONNECTING ROD, BEARINGS AND PISTON
 CODE 4805 (6068DF150)
 CODE 4807 (6068TF150,6068TF151,6068TF220)
 CODE 4810 (6068HF150,6068TF150,6068TF220,6068HF250)
 BIELLES AND PISTONS
 PLEUELN AND KOLBEN
 BIELLA/PISTONE
 BIELA/PISTON
 UEUSTAKE/KOLV
 TP49283 -UN-17JUL95



TP49283

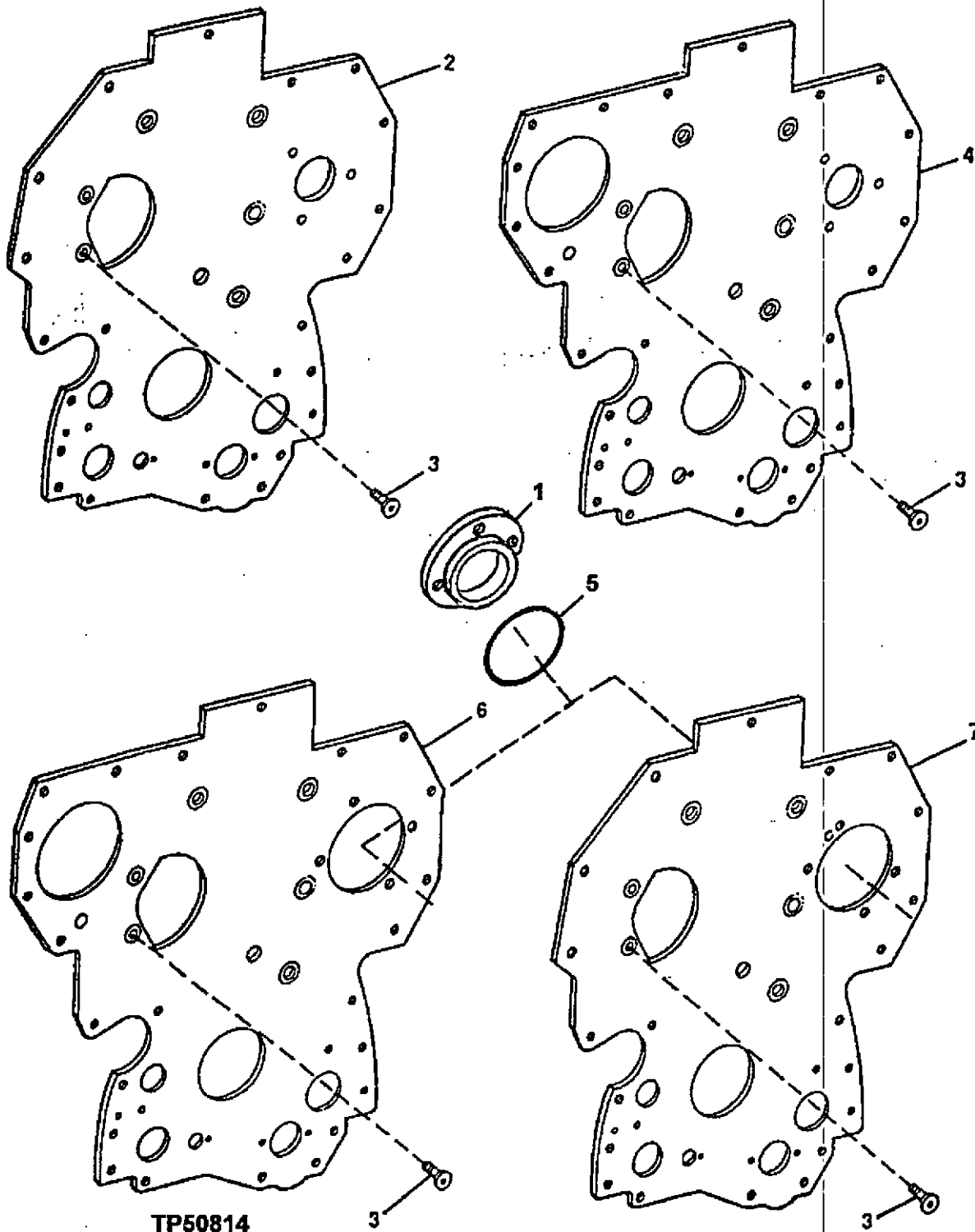
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R114083	SCREW	12	-794054	(SUB FOR R500500)
	R501124	SCREW	12	794055-	
2	R123960	BUSHING	6		(CODE 4805,4807) (SUB FOR R130603)
	R114082	BUSHING	6		(CODE 4810) (SUB FOR R130602)
3	RE60272	CONNECTING ROD	6	-794054	(CODE 4805,4807) (MARKED R123959) (SUB RE500002)
	RE500002	CONNECTING ROD	6	794055-	(CODE 4805,4807) (MARKED R500000)
	RE50770	CONNECTING ROD	6		(SUB RE500608)
	RE500608	CONNECTING ROD	6		(MARKED R500335) (CODE 4810)
4	M41029	SNAP RING	12		(CODE 4805,4807)
	R54114	SNAP RING	12		(CODE 4810)
5	R123178	PISTON PIN	6		(CODE 4805,4807)
	R123177	PISTON PIN	6		(CODE 4810)
6	RE66271	PISTON RING KIT	6		(CODE 4805,4807)
	RE66820	PISTON RING KIT	6		(CODE 4810)
7	.....	PISTON	6		
8	.....	CYLINDER LINER	6		
9	AR65507	O-RING KIT	6		CYLINDER LINER
10	RE65966	PISTON-LINER KIT	6		PISTON WITH LINER (CODE 4805)
	RE65967	PISTON-LINER KIT	6		PISTON WITH LINER (CODE 4807)
	RE65969	PISTON-LINER KIT	6		PISTON WITH LINER (CODE 4810)
11	RE65908	BEARING	6		STANDARD
	RE65909	BEARING	6		.010" UNDERSIZE

MEMORANDA

1B22

ENGINE 4
CYLINDER BLOCK 0404

ENGINE FRONT PLATE
CODE 3601,3602, 3603 AND 3604
PLAQUE AVANT
FRONTPLATTA
TP50814 -UN-09APR98



1B23

ENGINE 4
CYLINDER BLOCK 0404

ENGINE FRONT PLATE

CODE 3601 (6068DF150, 6068TF150, 6068TF151, 6068TF250, 6068HF150,6068TF220)

CODE 3602 (6068DF150, 6068TF150, 6068TF250,6068HF150,6068TF220)

CODE 3603 (6068HF250,6068TF220)

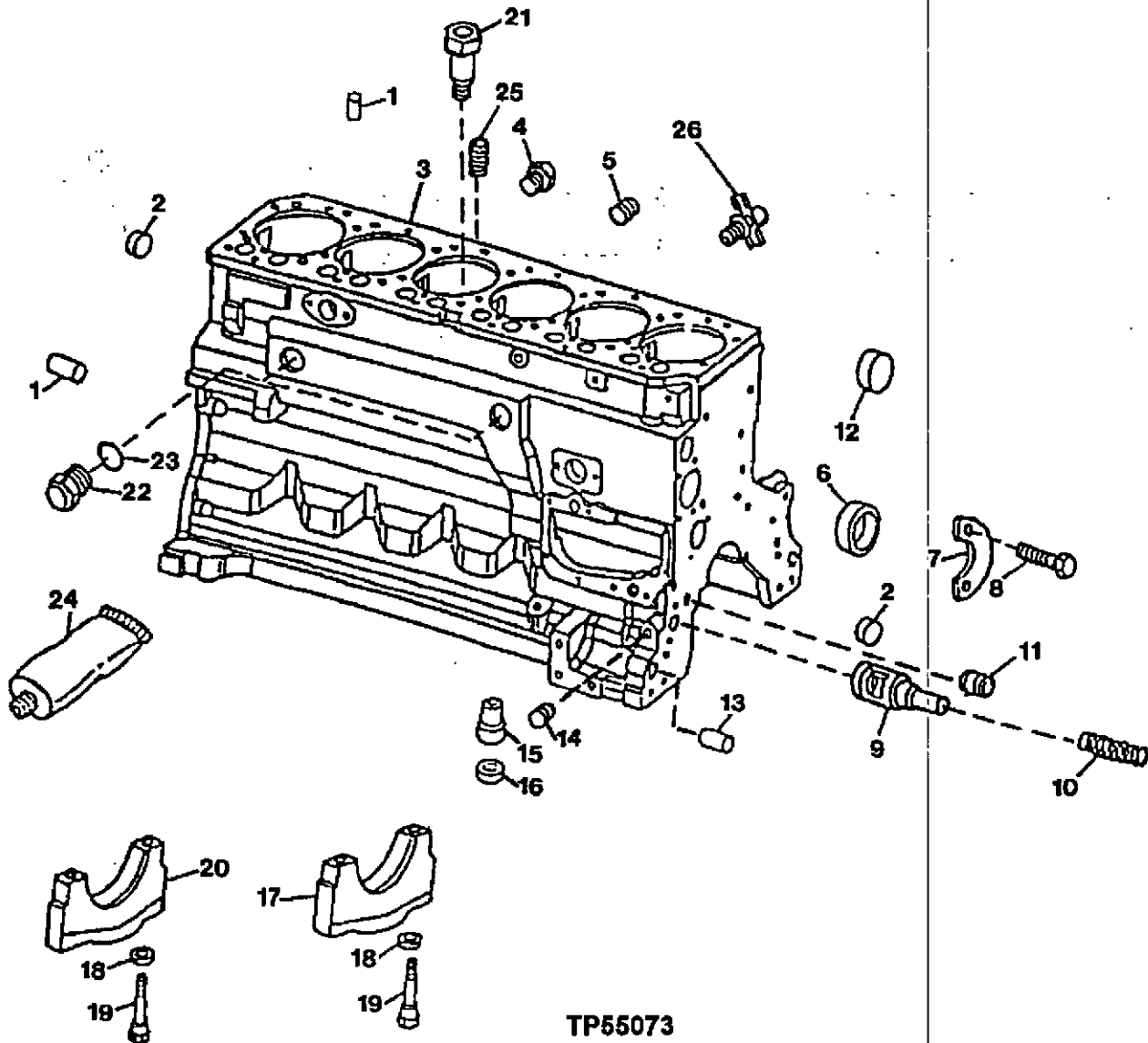
CODE 3604 (6068TF250,6068HF250,6068TF220)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500654	ADAPTER	1		(CODE 3603, 3604) (SUB FOR R125712)
2	R121672	PLATE	1	-703905	(CODE 3601) (SUB R134527, R134531, R134534, (2) R134518 AND (2) 24M7296)
	R134527	PLATE	1	703906-	(CODE 3601)
3	R136475	SCREW	6	-703905	(SUB FOR R123355)
	R136475	SCREW	4	703906-	
4	R121671	PLATE	1	-703905	(CODE 3602) (SUB R134526, R501297, R134533, (2) R134518 AND (2) 14M7296)
	R134526	PLATE	1	703906-	(CODE 3602)
5	R123295	O-RING	1		(CODE 3603, 3604)
6	R126306	PLATE	1	-703904	(CODE 3604) (SUB R134528, R501297, R134533, R134518 AND (2) 14M7296)
	R134528	PLATE	1	703905-	(CODE 3604)
7	R126307	PLATE	1	-704146	(CODE 3603) (SUB R134529, R134531, R134534, R134518 AND (2) 14M7296)
	R134529	PLATE	1	704147-	(CODE 3603)

1B24

ENGINE 4
CYLINDER BLOCK 0404

CYLINDER BLOCK CODE 4603 CYLINDER BLOCK
BLOC-CYLINDRES
ZYLINDERBLOCK
MONOBLOCCO
BLOQUE DE CILINDROS
MOTORBLOCK
TP55073 -UN-01MAY97



TP55073

1B25

ENGINE 4
CYLINDER BLOCK 0404

CYLINDER BLOCK-CONTINUED

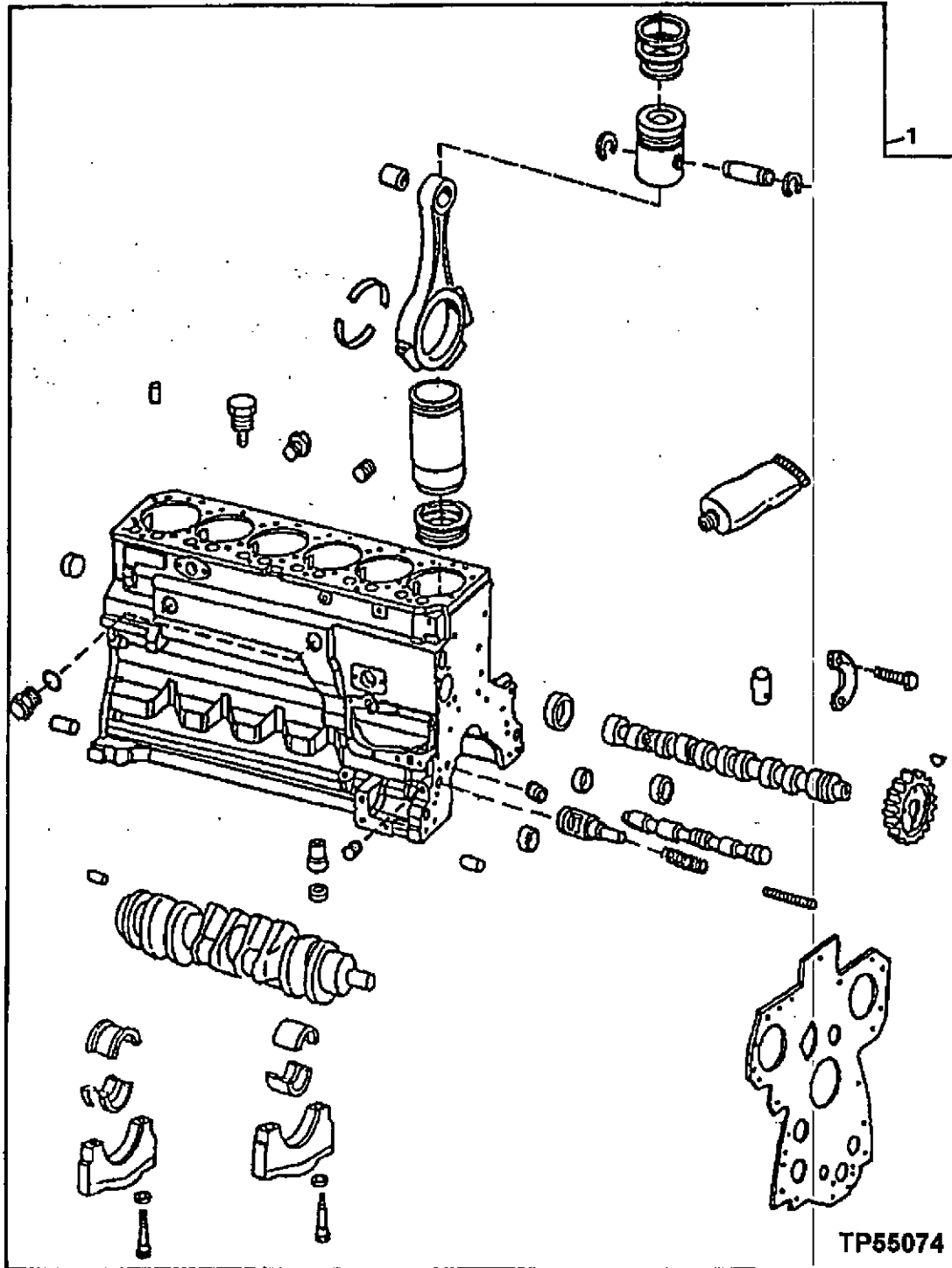
CODE 4603 CYLINDER BLOCK

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	4		
2	T18891	CAP	2		
3	.....	CYLINDER BLOCK	1		(MARKED R119565) (ORDER RE65959, RE65960, RE65961, RE65962, RE65963, RE65964, RE65965 OR RE65981)
4	R55233	PIPE PLUG	1		1/4"
5	R104592	PIPE PLUG	7		
6	R119874	BUSHING	1		CAMSHAFT
7	R132518	PLATE	1		(SUB FOR R122845)
8	19M8999	SCREW	2		M8 X 25
9	R121043	VALVE	1		ENGINE OIL BY-PASS
10	R111137	SPRING	1		
11	R26493	BUSHING	1		OIL PRESSURE REGULATING
12	R116466	BUSHING	1		
13	R26650	DOWEL PIN	2		
14	15H623	PIPE PLUG	1		3/8"
15	R115390	BUSHING	1		
16	R75892	O-RING	1		
17	R114241	BEARING CAP	6		MAIN BEARING
18	T20168	WASHER	14		
19	T23474	CAP SCREW	14		SAE STANDARD THREAD
20	R132186	BEARING CAP	1		MAIN THRUST BEARING
21	R131182	ORIFICE	6		
22	R39741	DRAIN PLUG	2		
23	U13639	O-RING	2		
24	T43514	GASKET	1		(PLASTIC GASKET)
25	15H624	PIPE PLUG	1		1/2", W/O TURBO
26	AT13740	DRAIN VALVE	1		

1C1

ENGINE 4
CYLINDER BLOCK 0404

ENGINE SHORT BLOCK
BLOC-CYLINDRES, DUEC EQUIP. MOBILE
RUMPFMOTOR
MONOBLOCCO, PREASSEMBLATO
BLOQUE DE CILINDROS CON PREZ. MOV.
KORTBLOCK
TP55074 -UN-01MAY97



1C2

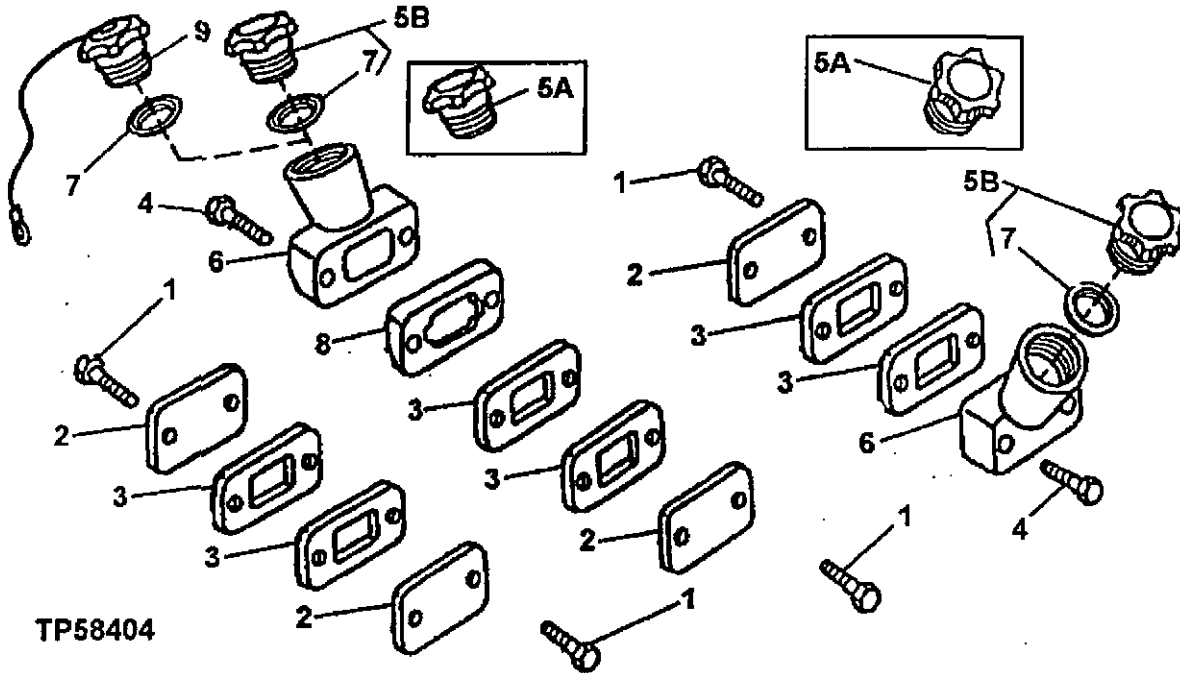
ENGINE 4
CYLINDER BLOCK 0404

SHORT BLOCK-CONTINUED

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE65959	SHORT ENGINE	1	(6068DF150)(WITH ROTARY FUEL INJECTION PUMP)(WITHOUT AUXILIARY DRIVE)	
	RE65960	SHORT ENGINE	1	(6068DF150)(WITH ROTARY FUEL INJECTION PUMP)(WITH AUXILIARY DRIVE)	
	RE65961	SHORT ENGINE	1	(6068TF150)(WITH ROTARY FUEL INJECTION PUMP)(WITHOUT AUXILIARY DRIVE)	
	RE65962	SHORT ENGINE	1	(6068TF150)(WITH ROTARY FUEL INJECTION PUMP)(WITH AUXILIARY DRIVE)	
	RE65963	SHORT ENGINE	1	(6068HF250 AND 6068TF250)(WITH INLINE INJECTION PUMP)(WITHOUT AUXILIARY DRIVE)	
	RE65964	SHORT ENGINE	1	(6068HF250 AND 6068TF250)(WITH INLINE INJECTION PUMP)(WITH AUXILIARY DRIVE)	
	RE65965	SHORT ENGINE	1	(6068HF150 AND 6068TF250)(WITH ROTARY INJECTION PUMP)(WITHOUT AUXILIARY DRIVE)	
	RE65981	SHORT ENGINE	1	(6068HF150 AND 6068TF250)(WITH ROTARY FUEL INJECTION PUMP)(WITH AUXILIARY DRIVE)	
	RE65981	SHORT BLOCK ASSEMBLY	1	(6068TF220)	

MEMORANDA

ENGINE OIL FILLER NECK/COVER AND 1215 W/RETAINED CAP
 GOULOTTE REMPL. HUILE
 OEL EINFUELLSTUTZEN
 BOCCHETTONE DI RIEMP.
 BOCA DE LLENADO, ACEITE
 PAAGYLLNINGSHALS
 TP58404 -UN-15JAN99



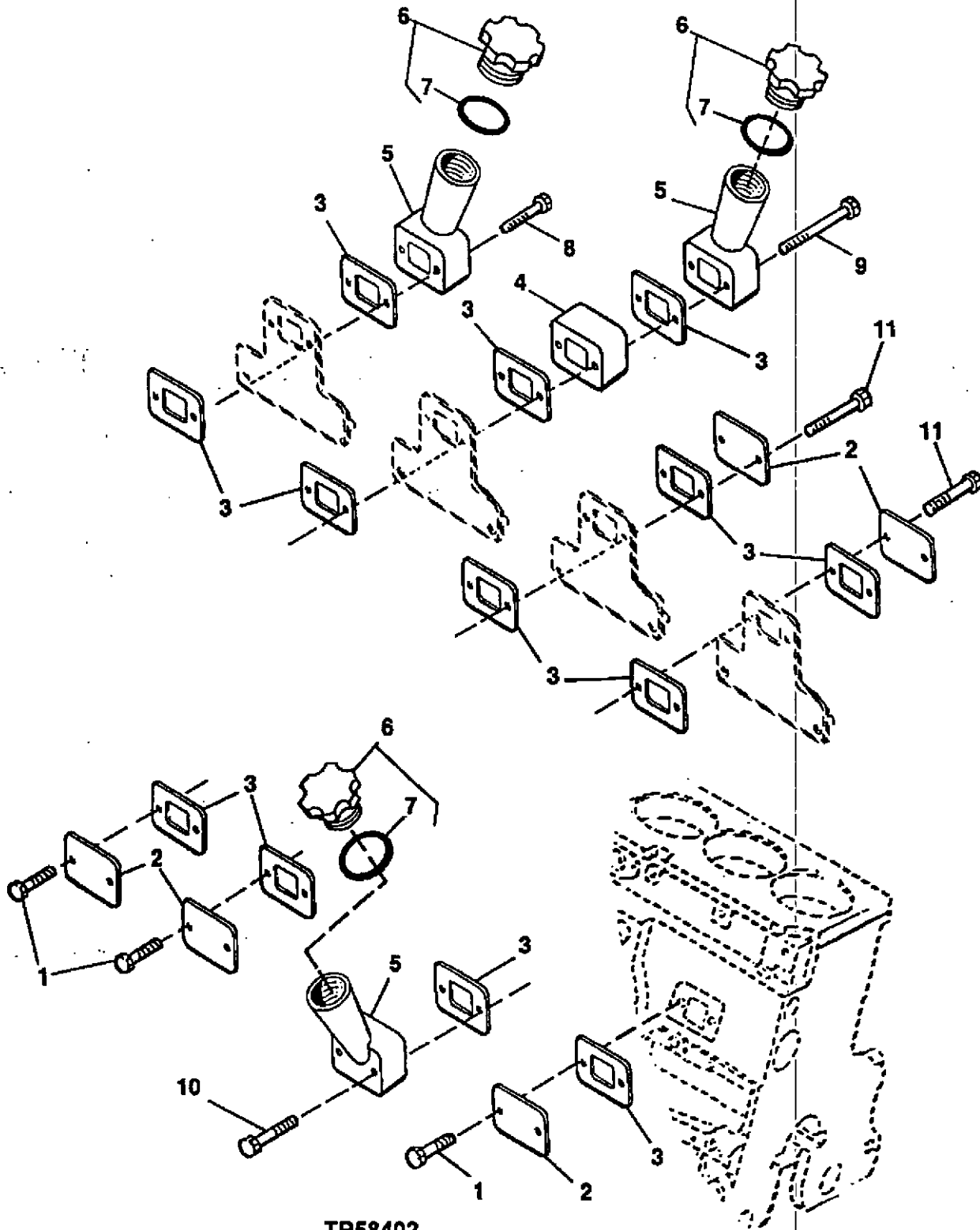
TP58404

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE66334	CAP SCREW	4	-708435	(CODE 1299) (W/O AUX. DRIVE) M8 X 16 (WITH PRE-APPLIED SEALANT)
	RE67238	SCREW	4	708436-	(CODE 1299) (WITH AUX. DRIVE) M8 X 20 (WITH PRE-APPLIED SEALANT)
2	R116296	COVER	1		(CODE 1299)
	R116296	COVER	2		(CODE 1299)
3	R136495	GASKET	2		(SUB FOR R116297)
4	RE67239	SCREW	2		(CODES 1201 1202 AND 1215) M8 X 45, (SUB FOR RE71526, 19M7803 AND 19M7802, THIS APPLICATION)
	RE503609	CAP SCREW	2		(CODE 1204) M8 X 100 (WITH PRE-APPLIED SEALANT)
5A	.....	FILLER CAP	1		(RE52326 NO LONGER AVAILABLE) (SUB RE500005)
5B	RE500005	FILLER CAP	1		(CODES 1201, 1202, AND 1204)
6	RE501377	FILLER NECK	1		(SUB FOR R123216 AND R136483)
7	R500001	PACKING	1		
8	R136514	SPACER	1		CODE 1204, (SUB FOR R123639)
9	RE501472	FILLER CAP	1		CODE 1215

1C4

ENGINE 4

ENGINE OIL FILL WITH REMOTE OIL FILTER
CODE 1210,1211,1212,AND 1298
TP58402 -UN-17DEC98



TP58402

1C5

ENGINE 4

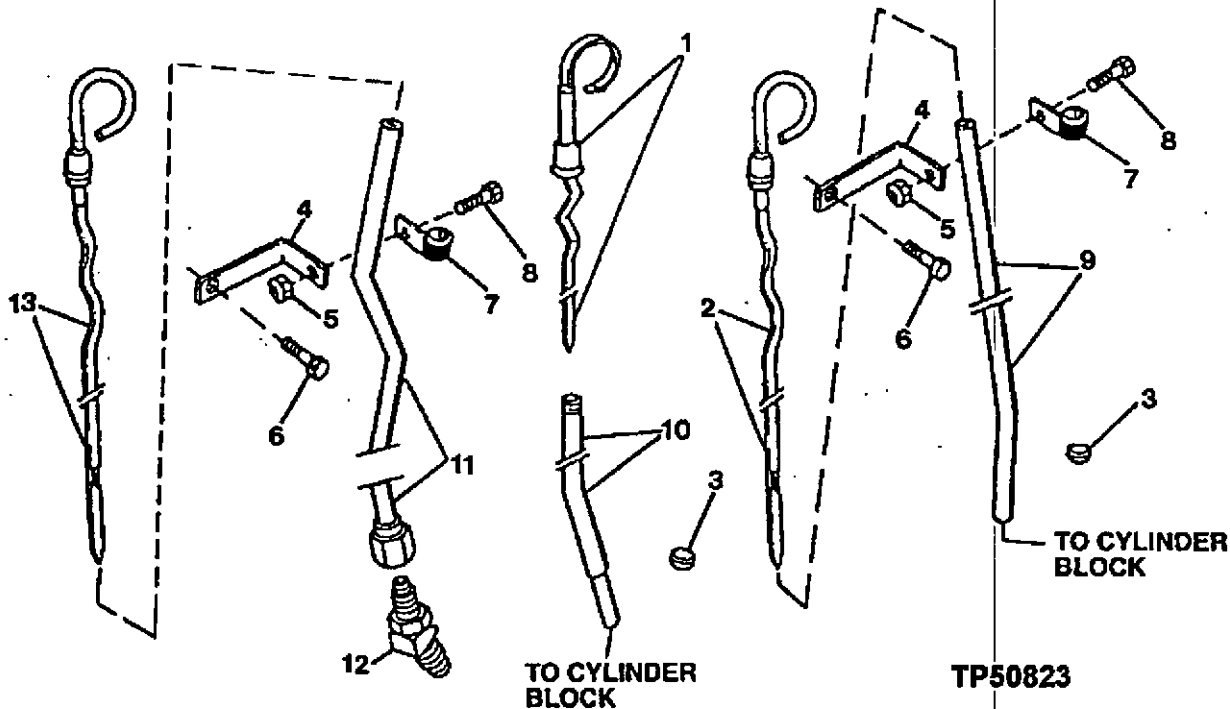
ENGINE OIL FILL WITH REMOTE OIL FILTER
CODE 1210 ,1211 ,1212 AND 1298

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE67238	SCREW	2		(CODE 1210,1211, AND 1298) M8 X 20 (WITH PRE-APPLIED SEALANT)
2	R116296	COVER	1		
3	R136495	GASKET	AR		
4	R136514	SPACER	1		CODE 1211
5	RE501377	FILLER NECK	1		(SUB FOR R136483) CODE 1210,1211, AND 1212
6	RE500005	FILLER CAP	1		CODE 1210,1211, AND 1212
7	R500001	PACKING	1		CODE 1210,1211, AND 1212
8	19M7802	SCREW	2		(CODE 1210) M8 X 65
9	19M8006	SCREW	2		(CODE 1211) M8 X 120
10	RE71204	CAP SCREW	2		(CODE 1212,1298) M8 X 25 (WITH PRE-APPLIED SEALANT)
11	RE71526	SCREW	2		(CODE 1212) M8 X 55 (WITH PRE-APPLIED SEALANT)

ENGINE OIL DIPSTICK

- CODE 4001 DIPSTICK LEFT HAND
- CODE 4002 DIPSTICK RIGHT HAND
- CODE 4003 DIPSTICK RIGHT HAND TOP
- CODE 4009 DIPSTICK RIGHT HAND TOP (REMOVABLE)
- CODE 4014 DIPSTICK LEFT HAND SHORT
- CODE 4017 DIPSTICK RIGHT HAND LOW
- CODE 4018 DIPSTICK RIGHT & LEFT HAND
- CODE 4019 DIPSTICK LEFT HAND

TP50823 -UN-04MAY98



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE69243	DIPSTICK	1	(CODE 4001,4002,4018)	
	RE500168	DIPSTICK	1	(CODE 4014,4017)	
	RE501288	DIPSTICK	1	(CODE 4019)	
2	RE66178	DIPSTICK	1	(CODE 4003)	
3	R134240	PLUG	1	(CODE 4001,4002,4003,4009,4014,4017,4019)	
4	R134552	BRACKET	1	(CODE 4003,4009)	
5	14M7298	FLANGE NUT	1	(CODE 4003,4009) M8	
6	19M7787	SCREW	1	(CODE 4003) M12 X 20	
7	T28862	CLAMP	1	(CODE 4003,4009)	
8	19M7866	SCREW	1	(CODE 4003,4009) M8 X 20	
9	R134550	DIPSTICK TUBE	1	(CODE 4003)	
10	R130055	DIPSTICK TUBE	1	(CODE 4001,4002)	
	R501252	DIPSTICK TUBE	1	(CODE 4017)	
	R130055	DIPSTICK TUBE	1	(CODE 4018)	
	R500116	DIPSTICK TUBE	1	(CODE 4014)	
	R500709	DIPSTICK TUBE	1	(CODE 4019)	
11	RE503848	DIPSTICK TUBE	1	(CODE 4009) (SUB FOR RE70116)	
12	R135749	ELBOW FITTING	1	(CODE 4009) (SUB FOR RE70116)	
13	RE66178	DIPSTICK	1	(CODE 4009)	

ENGINE OIL PUMP AND OIL PUMP INTAKE

CODE 5001

POMPE A HUILE

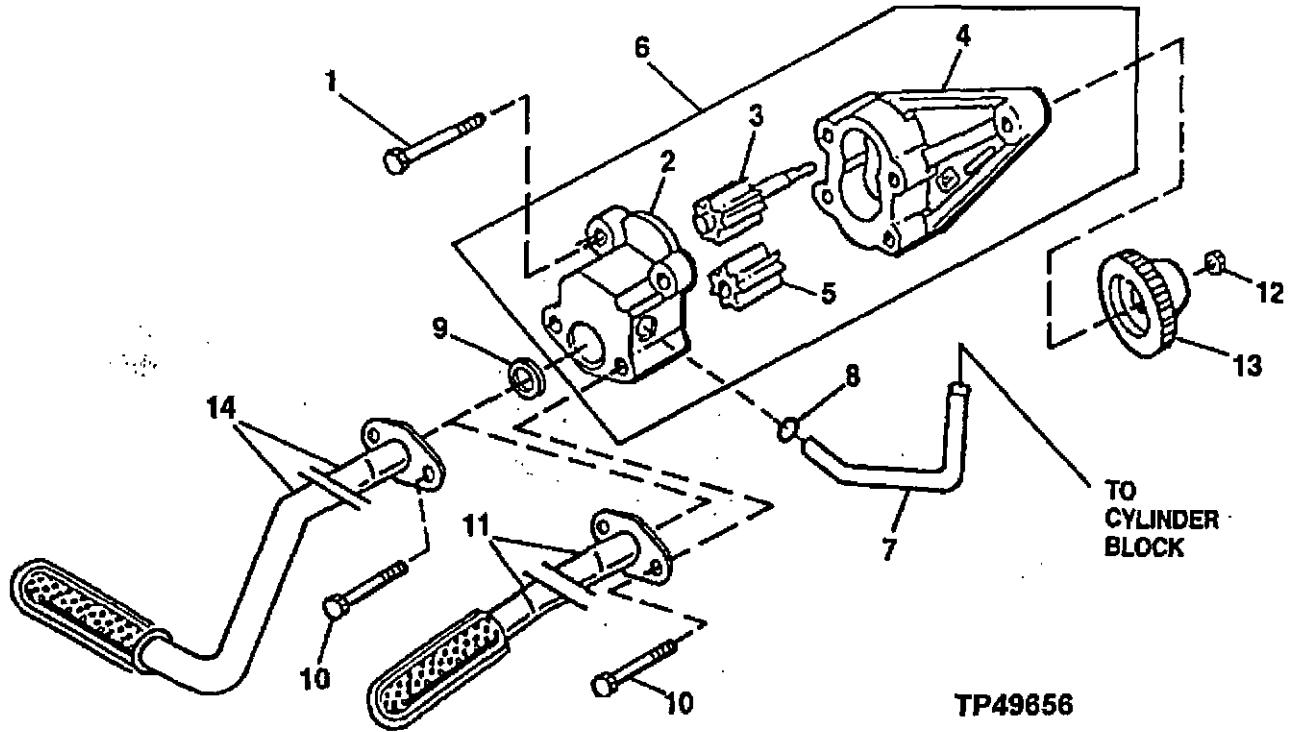
OELPUMPE

POMPA DELL'OLIO

BOMBA DE ACEITE

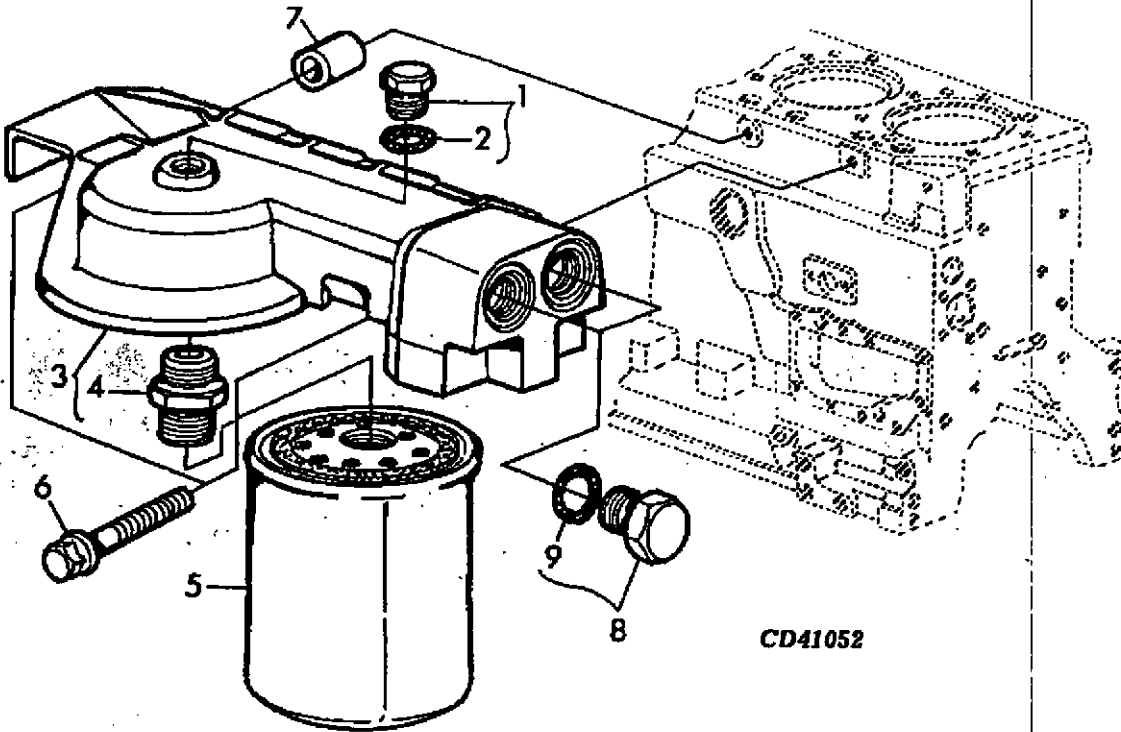
OLJEPUMP

TP49656 -UN-07OCT97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M8986	SCREW	2	M8 X 100	
2	.....	COVER	1		
3	.....	GEAR	1		
4	.....	HOUSING	1		
5	.....	GEAR	1		
6	RE502269	OIL PUMP	1		(MARKED R123179) (SUB FOR RE70153 MARKED R123179 AND RE59582 MARKED R123179)
7	R121376	TUBE	1		
8	R97185	O-RING	1		
9	R61871	O-RING	1		
10	19M8986	SCREW	1	M8 X 100	
11	RE71143	OIL PUMP INTAKE	1		(USE WITH CODE 1907 AND 1908 ENGINE OIL PAN)
12	14M7066	NUT	1	M12	
13	R120638	GEAR	1		
14	RE69898	OIL PUMP INTAKE	1		(USE WITH CODE 1909 ENGINE OIL PAN)

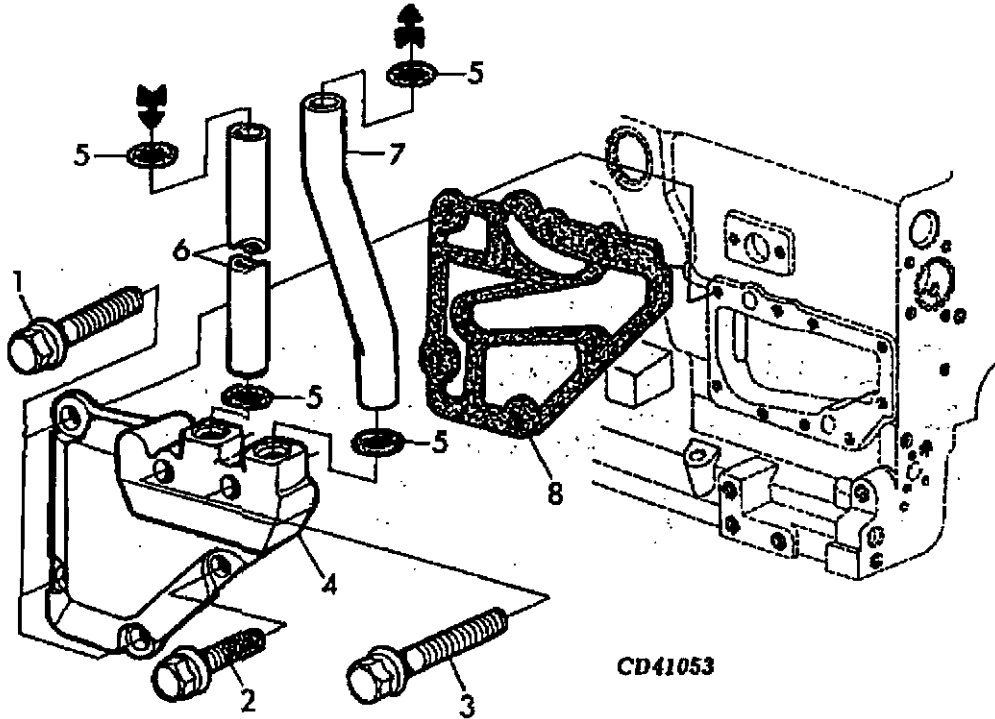
OIL FILTER / ADAPTER
 CODE 8801 AND 8806 R.H. SIDE OF OIL FILTER
 FILTRE A'HUILE, ADAPTEUR
 OEL FILTER ADAPTER
 FILTRO OLIO ADATTATORE
 FILTRO DE ACEITE ADAPTADOR
 OLJE FILTER KOPPLINGSANORDNING
 CD41052 -UN-05DEC96



CD41052

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE46716 RE52242	FITTING PLUG	1 1	-XXXXXX XXXXXX-	M16 X 1.5, WITHOUT TURBOCHARGER WITHOUT TURBOCHARGER
2	51M7042	O-RING	1		13.300 X 2.200 MM
3	RE59906	FILTER HEAD	1	-XXXXXX	(MARKED R134570) NO LONGER AVAILABLE SUB. RE504471(CODE 8801) OR RE504472(CODE 8802)
	RE503727	FILTER HEAD	1	XXXXXX-	(MARKED R501439)
4	.....	ADAPTER	1		(R123591 NO LONGER AVAILABLE) (SUB RE59906 OR RE504471 OR RE504472)
5	RE59754	OIL FILTER	1		
6	19M7784 19M7835	SCREW SCREW	2 2		(CODE 8801) M10 X 20 (CODE 8806)
7	R114358	SPACER	1		(CODE 8806) 12 X 25.400 X 12.700 MM
8	RE46687	FITTING	2		M22 X 1.5
9	51M7045	O-RING	1		19.300 X 2.200 MM

ADAPTER / COOLANT LINES
 CODE 8801 AND 8806 R.H. SIDE OF OIL FILTER
 FILTRE A'HUILE, ADAPTEUR
 OEL FILTER ADAPTER
 FILTRO OLIO ADDATTATORE
 FILTRO DE ACEITE ADAPTADOR
 OLJE FILTER KOPPLINGSANORDNING
 CD41053 -UN-05DEC96

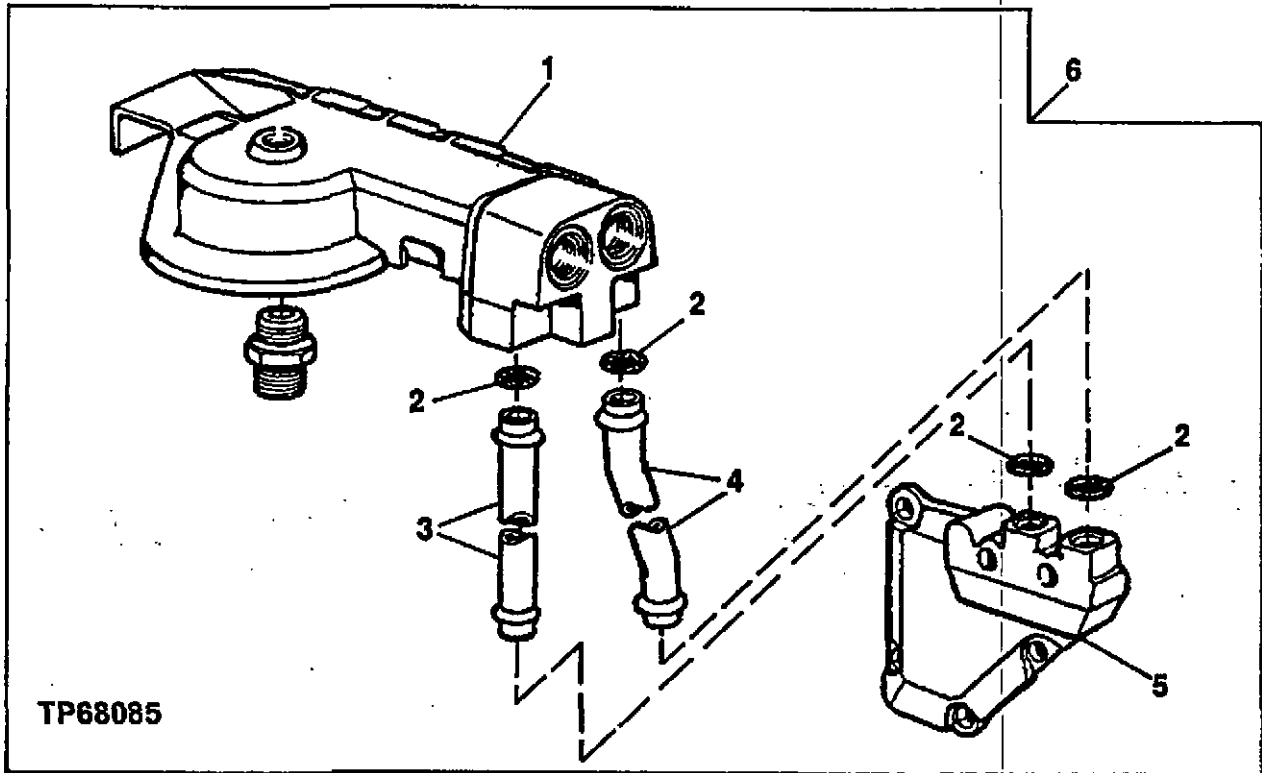


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7802	SCREW	3	M8 X 65	
2	RE67238	SCREW	1	M8 X 20 (WITH PRE-APPLIED SEALANT)	
3	19M7913	SCREW	2	M8 X 90	
4	R135916	ADAPTER	1	-XXXXXX	(SUB FOR R123473) SUB RE504471(CODE 8801) OR RE504472(CODE 8806)
	R501436	ADAPTER	1	XXXXXX-	
5	R72328	O-RING	4	-XXXXXX	
	R56462	O-RING	4	XXXXXX-	
6	R135268	TUBE	1	-XXXXXX	(CODE 8801) (SUB FOR R123505)
	RE502658	TUBE	1	XXXXXX-	(CODE 8801)
	R135270	TUBE	1	-XXXXXX	CODE 8806
	RE502660	TUBE	1	XXXXXX-	CODE 8806
7	R135269	TUBE	1	-XXXXXX	(CODE 8801) (SUB FOR R123506)
	RE502659	TUBE	1	XXXXXX-	(CODE 8801)
	R135271	TUBE	1	-XXXXXX	CODE 8806
	RE502661	TUBE	1	XXXXXX-	CODE 8806
8	R123504	GASKET	1		

1C10

ENGINE 4

REPLACEMENT ENGINE OIL FILTER HEADER KIT
 CODE 8801 AND 8806
 TP68085 -UN-15NOV99

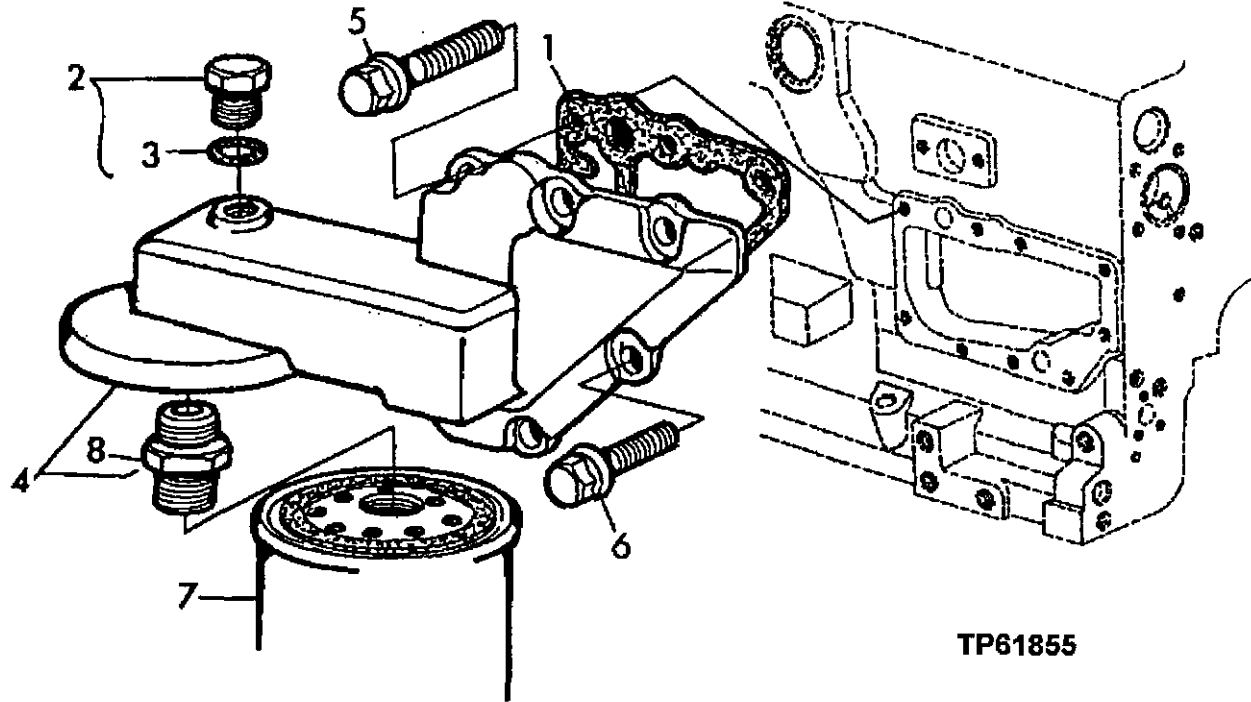


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE503727	FILTER HEAD	1		
2	R56462	O-RING	4		
3	RE502658	TUBE	1	(STRAIGHT)(CODE 8801)	
	RE502660	TUBE	1	CODE 8806	
4	RE502659	TUBE	1	(BENT)(CODE 8801)	
	RE502661	TUBE	1	CODE 8806	
5	R501436	ADAPTER	1		
6	RE504471	FILTER HEAD	1	CODE 8801	
	RE504472	FILTER HEAD	1	CODE 8806	

1C11

ENGINE 4

OIL FILTER / ADAPTER
 CODE 8815
 TP61855 -UN-16MAR99

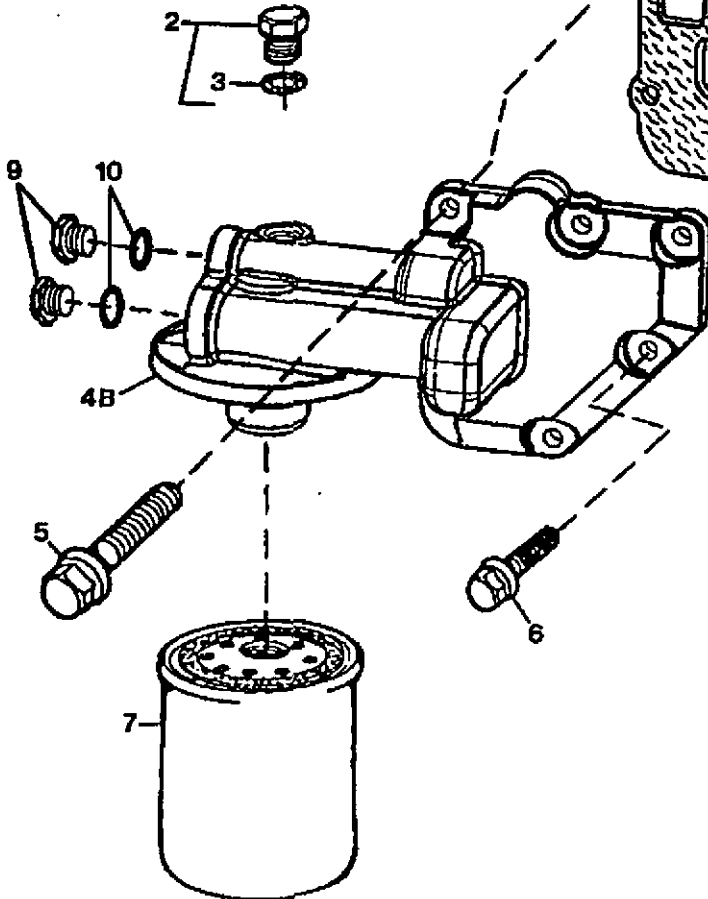
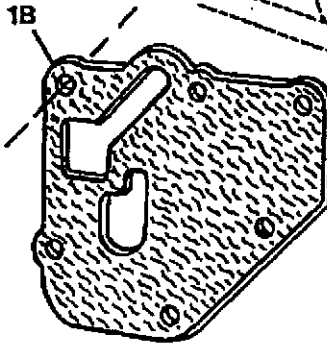
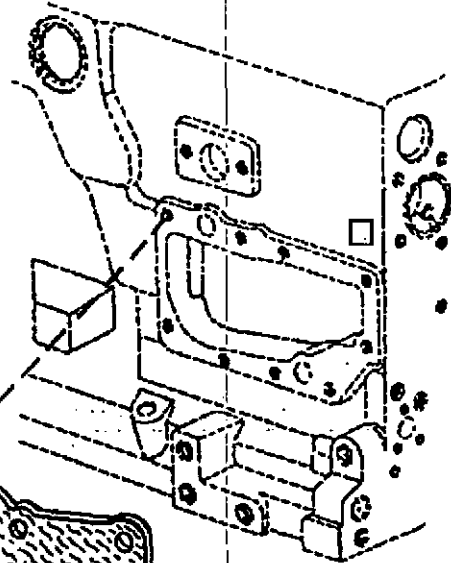
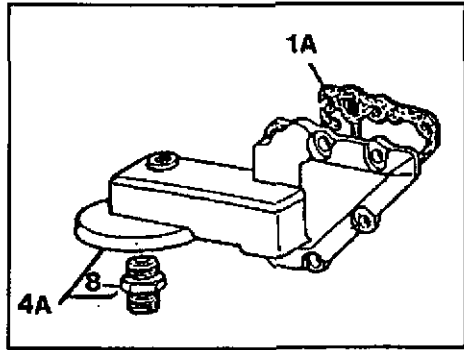


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123525	GASKET	1		
2	RE46716	FITTING	1	-XXXXXX	WITHOUT TURBOCHARGER
	RE52242	PLUG	1	XXXXXX-	WITHOUT TURBOCHARGER
3	51M7042	O-RING	1		13.300 X 2.200 MM
4	RE59908	FILTER HEAD	1		
5	19M7802	SCREW	5		M8 X 65
6	RE67238	SCREW	1		(WITH SEALANT)
7	RE59754	OIL FILTER	1		
8	R123591	ADAPTER	1		

1C12

ENGINE 4

ENGINE OIL FILTER/ADAPTER
CODE 8802
TP55368 -UN-04MAY98



TP55368

1C13

ENGINE 4

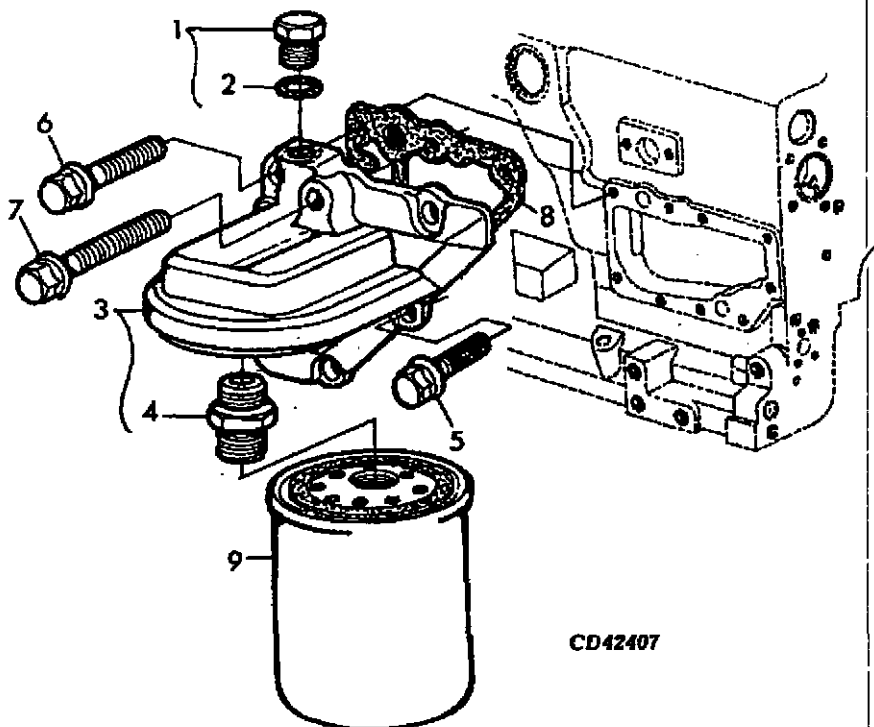
ENGINE OIL FILTER/ADAPTER - CONTINUED
CODE 8802

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1A	R123525	GASKET	1	-767362	
1B	R500374	GASKET	1	767363-	
2	RE46716	PLUG	AR	-XXXXXX	WITHOUT TURBOCHARGER
	RE52242	PLUG	AR	XXXXXX-	WITHOUT TURBOCHARGER
3	51M7042	O-RING	1		13.300 X 2.200 MM
4A	RE59908	FILTER HEAD	1	-767362	(MARKED R123475) (SUB RE500133) (ALSO ORDER (2) R116115, (2) 51M7045 AND R500374)
4B	RE500133	FILTER HEAD	1	767363-	
5	19M7802	SCREW	5		M8 X 65
6	RE67238	SCREW	1		(WITH PRE-APPLIED SEALANT)
7	RE59754	OIL FILTER	1		
8	R123591	ADAPTER	1	-767362	(SUB RE59908)
9	R116115	FITTING	2	767363-	
10	51M7045	O-RING	2	767363-	

1C14

ENGINE 4

OIL FILTER / ADAPTER
 (SERIAL NO. -XXXXXX)
 CODE 8803 - R.H.
 D'HUILE FILTRE ADAPTEUR
 OEL FILTER ADAPTER
 FILTRO OLIO ADATTATORE
 FILTRO DE ACEITE ADAPTADOR
 OILJEFILTER KOPPLINGSANORDNING
 CD42407 -UN-02MAR98



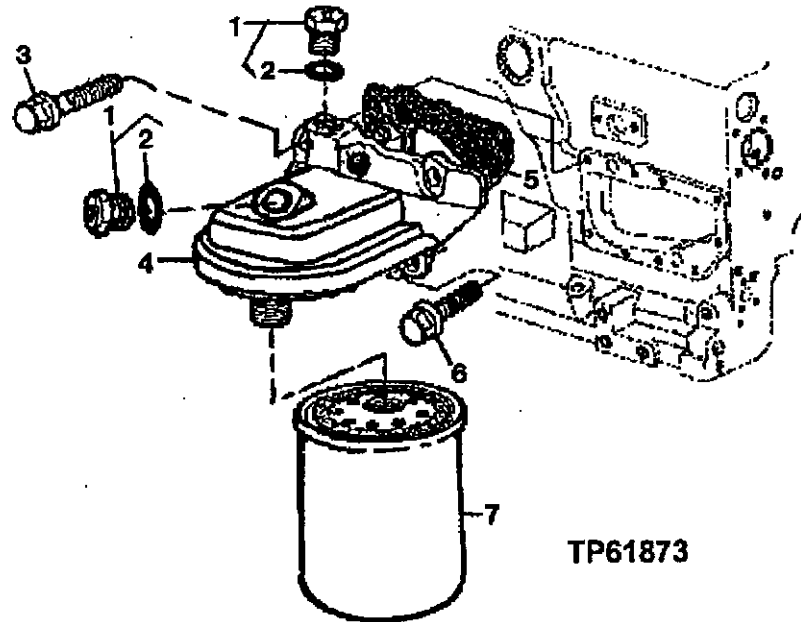
CD42407

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE46716	FITTING	1	M16 X 1.5 (WITHOUT TURBO)	
2	51M7042	O-RING	1		
3	RE59907	FILTER HEAD	1	(NO LONGER AVAILABLE) (MARKED R121407) (SUB RE71598, RE52292, R501484 AND 19M7802)	
4	.....	ADAPTER	1	(R123591 NO LONGER AVAILABLE) SUB,SAME AS ABOVE	
5	RE67238	SCREW	1	M8 X 20 (WITH PRE-APPLIED SEALANT)	
6	19M7802	SCREW	4	M8 X 65	
7	19M7970	SCREW	1	M8 X 100	
	RE67764	OIL FILTER	1	HIGH CAPACITY FOR USE IN SAUDI ARABIA ON KOHLER GENERATOR SETS	
8	R123525	GASKET	1		
9	RE59754	OIL FILTER	1		

1C15

ENGINE 4

OIL FILTER / ADAPTER
 (SERIAL NO.XXXXXX-)
 CODE 8803 - R.H.
 D'HUILE FILTRE ADAPTEUR
 OEL FILTER ADAPTER
 FILTRO OLIO ADATTATORE
 FILTRO DE ACEITE ADAPTADOR
 OLJEFILTER KOPPLINGSANORDNING
 TP61873 -UN-24MAY99

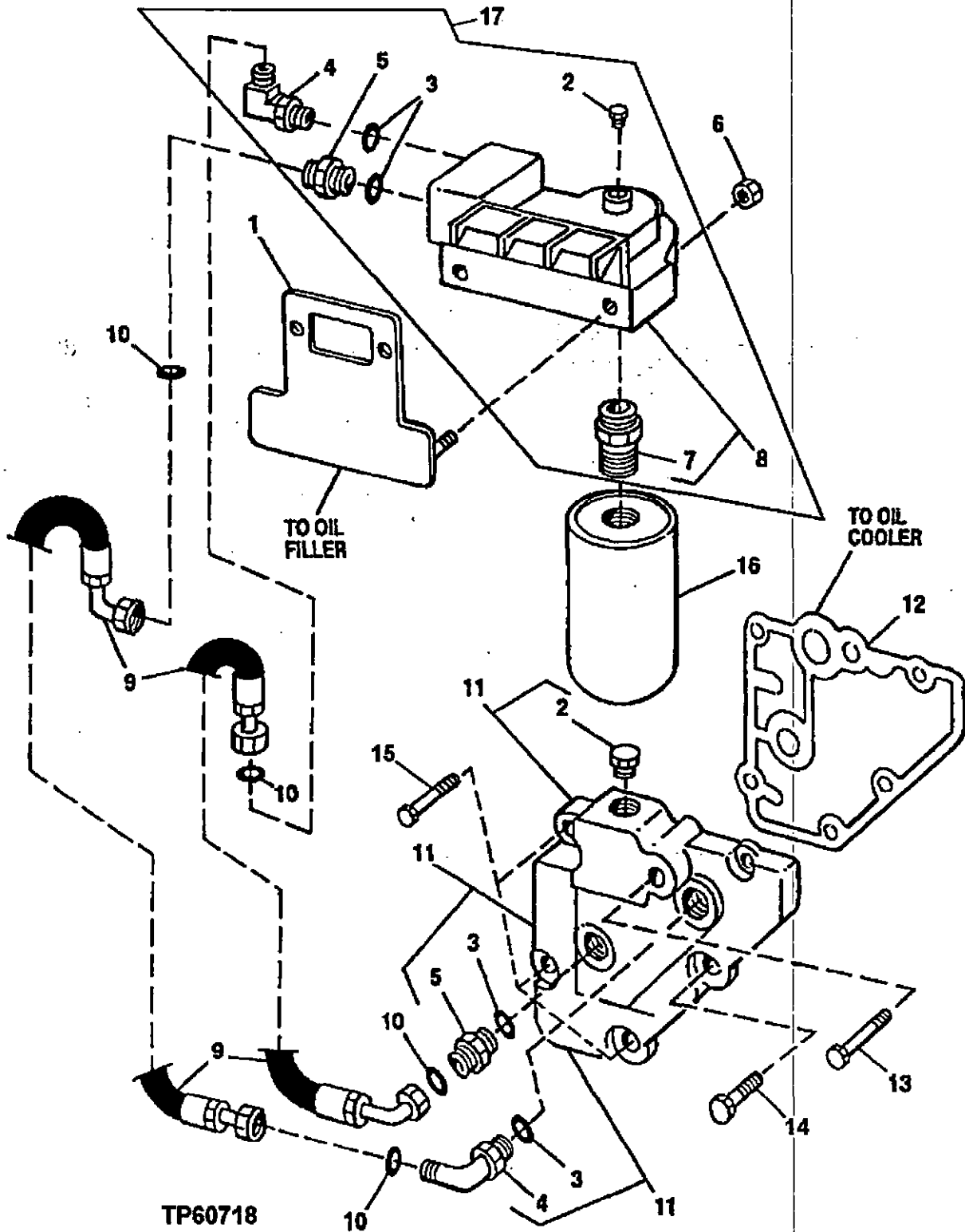


TP61873

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE52242	PLUG	2		
2	51M7042	O-RING	2		
3	19M7802	SCREW	5		(MARKED R121407) (SUB RE71598, RE52292, R501484 AND 19M7802)
4	RE71598	FILTER HEAD	1		
5	R501484	GASKET	1		
6	RE67238	SCREW	1		
7	RE59754	OIL FILTER	1		

1C16

ENGINE OIL FILTER-LEFT SIDE MOUNT WITH ADAPTER,HOSES,AND BRACKET
CODE 8805
TP60718 -JN-02JUL98



TP60718

1C17

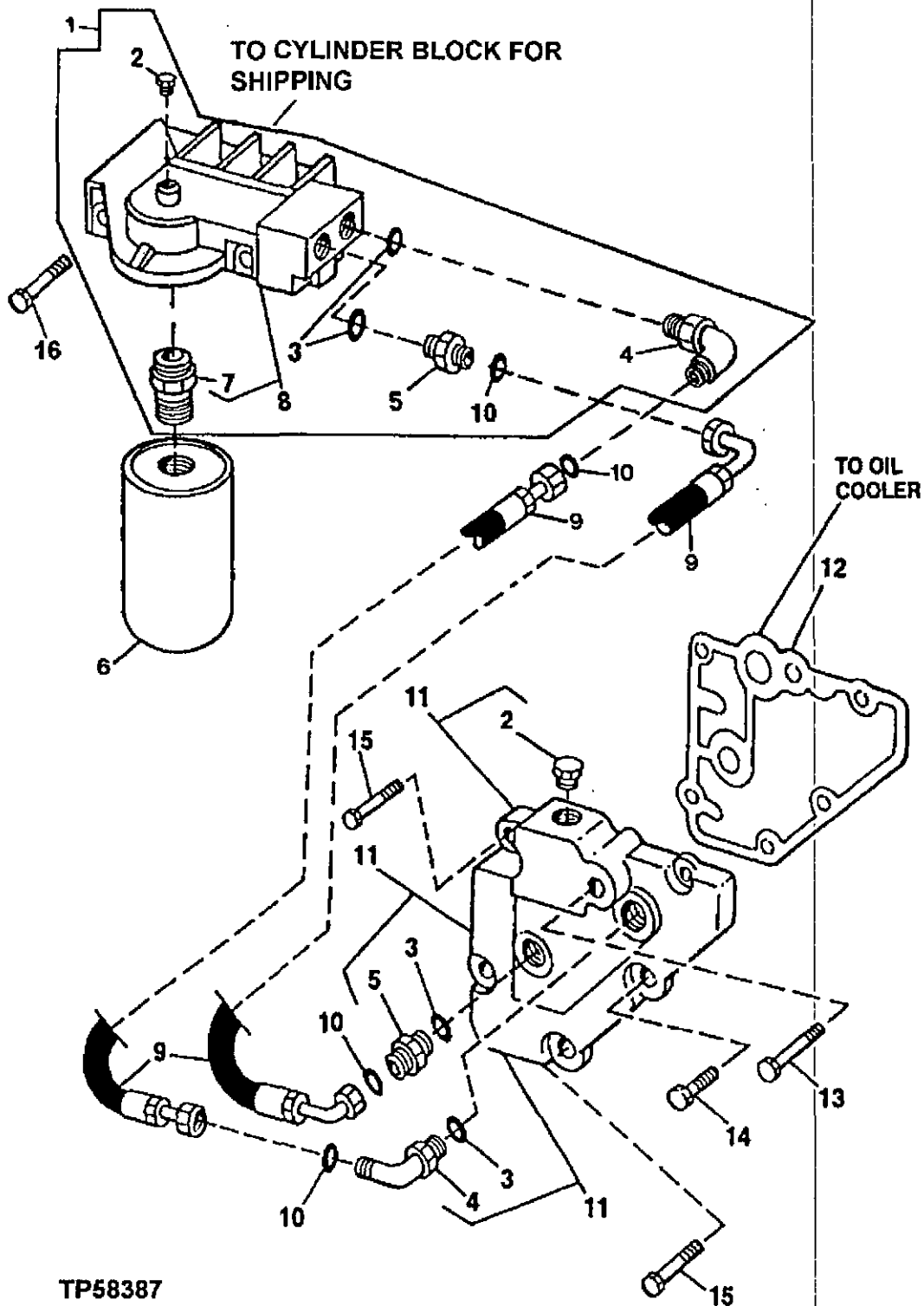
ENGINE 4

ENGINE OIL FILTER-REMOTE MOUNT WITH ADAPTER,HOSES AND BRACKET
CODE 8805

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70063	BRACKET	1		
2	RE46716	PLUG	2		
	RE52242	PLUG	2	-XXXXXX	WITHOUT TURBOCHARGER
3	51M7045	O-RING	4	XXXXXX-	WITHOUT TURBOCHARGER
4	38H5018	ELBOW FITTING	4		19.300 X 2.200 MM
5	38H5004	ADAPTER	4		
6	14M7296	FLANGE NUT	2		M10
7	.....	ADAPTER	1		(R123593 NO LONGER AVAILABLE) (SUB RE60153)
8	RE60153	FILTER HEAD	1		
9	RE69768	HOSE	2		CODE 8805(1575 MM)
10	T77932	O-RING	4		
11	RE71062	ADAPTER	1		
12	R123525	GASKET	1		
13	19M7913	SCREW	1		M8 X 90
14	RE87238	SCREW	1		M8 X 20 (WITH PRE-APPLIED SEALANT)
15	19M7802	SCREW	4		M8 X 65
16	RE59754	OIL FILTER	1		
17	RE68201	FILTER HEAD	1		(ALSO ORDER (2) T77932)

1C18

ENGINE OIL FILTER -REMOTE MOUNT WITH ADAPTER,HOSES,AND BRACKET
CODE 8807,8809,AND 8810
TP58387 -UN-24NOV98



TP58387

1C19

ENGINE 4

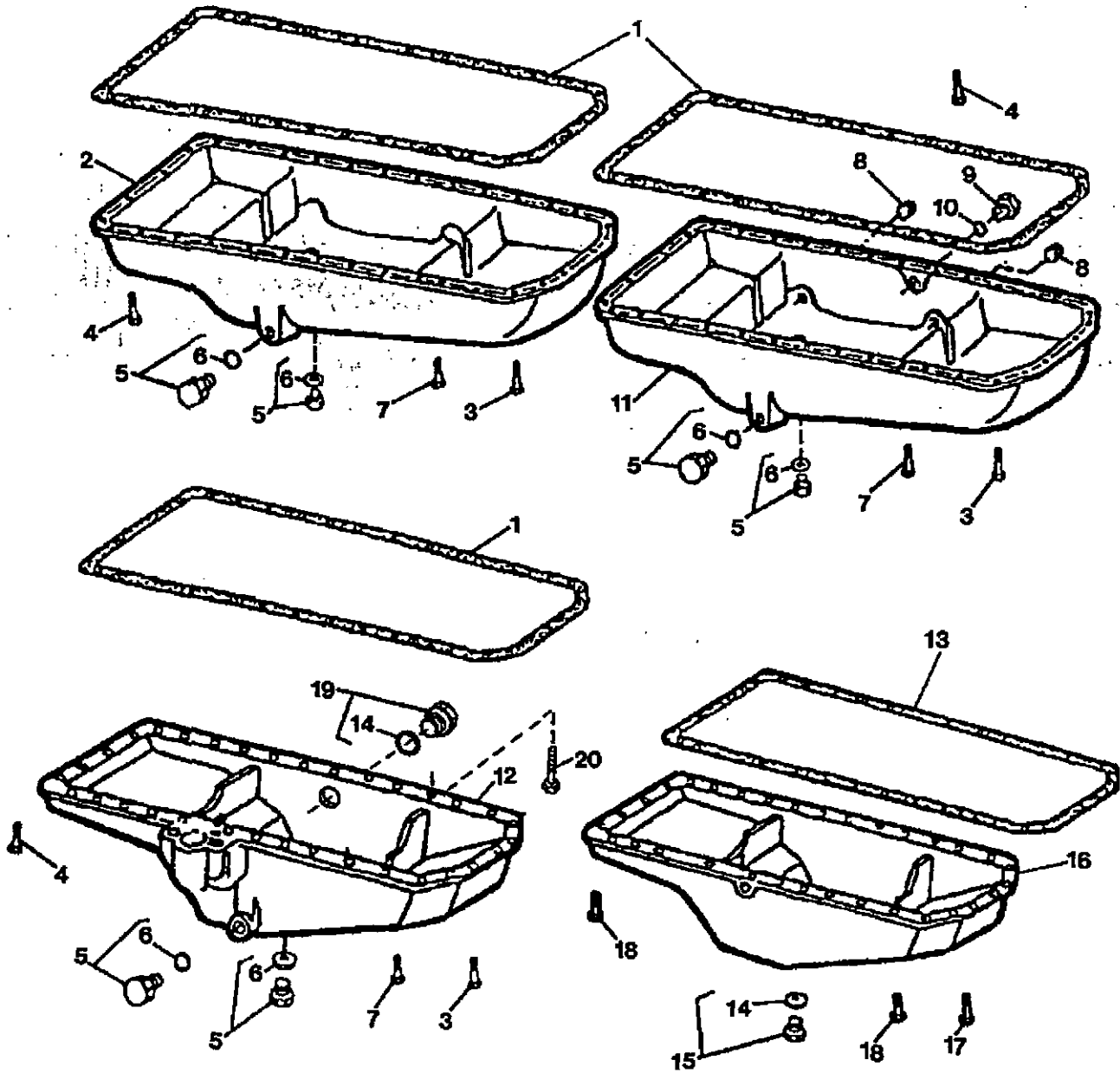
**ENGINE OIL FILTER-REMOTE MOUNT WITH ADAPTER,HOSES AND BRACKET
CODE 8807,8809 AND 8810**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE68201	FILTER HEAD	1	-794051	UNFILTERED PORT FACING UP
	RE502858	ADAPTER	1	794052-	UNFILTERED PORT FACING DOWN
2	RE46716	PLUG	2	-XXXXXX	WITHOUT TURBOCHARGER
	RE52242	PLUG	2	XXXXXX-	WITHOUT TURBOCHARGER
3	51M7045	O-RING	4		19.300 X 2.200 MM
4	38H5018	ELBOW FITTING	4		
5	38H5004	ADAPTER	4		
6	RE59754	OIL FILTER	1		
7	.....	ADAPTER	1		(R123593 NO LONGER AVAILABLE) (SUB RE60153)
8	RE60153	FILTER HEAD	1		
9	RE70190	HOSE	2		CODE 8807 (935 MM)
	RE69769	HOSE	2		CODE 8809 (1270 MM)
	RE69768	HOSE	2		CODE 8810 (1575 MM)
10	T77932	O-RING	4		
11	RE71062	ADAPTER	1		
12	R123525	GASKET	1		
13	19M7913	SCREW	1		M8 X 90
14	RE67238	SCREW	1		M8 X 20 (WITH PRE-APPLIED SEALANT)
15	19M7802	SCREW	4		M8 X 65
16	19M7784	SCREW	1		M10 X 20

1C20

ENGINE 4

ENGINE OIL PAN
CODE 1907,1908,1909,1944 AND 1956
TP62205 -UN-04OCT99



TP62205

1C21

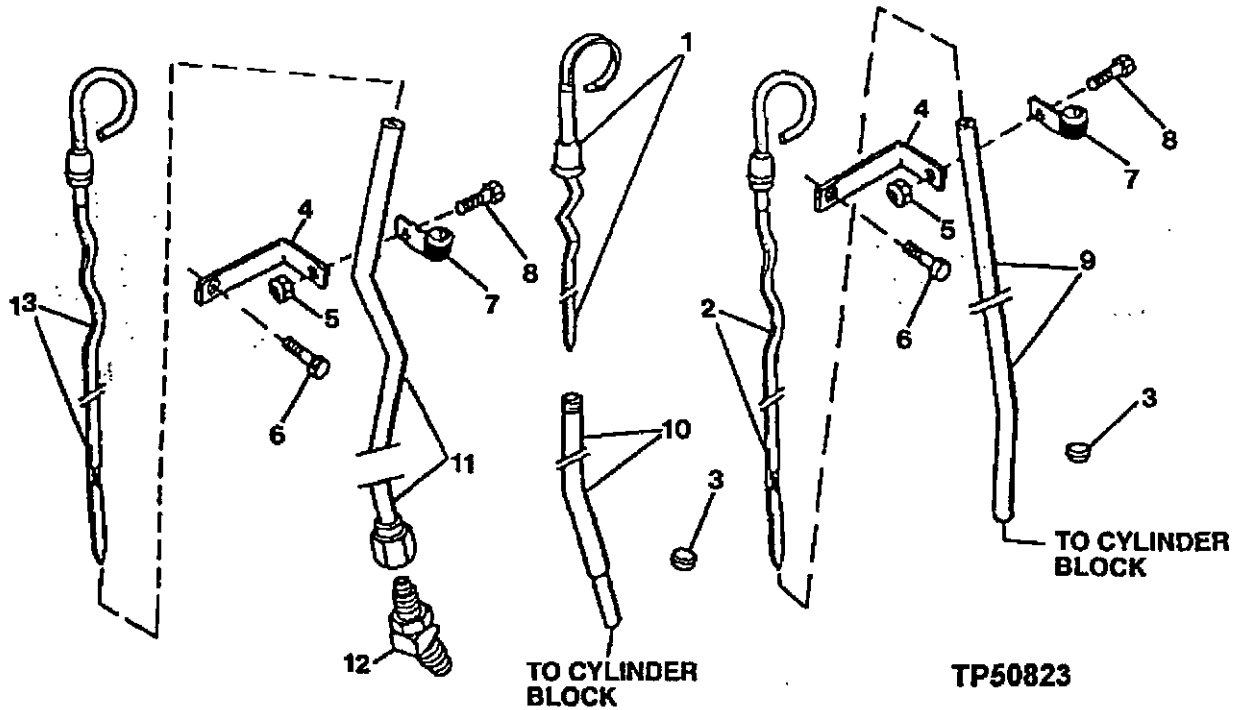
ENGINE 4

ENGINE OIL PAN
CODE 1907,1908,1909,1944 AND 1956

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123354	GASKET	1		(CODE 1907,1908,1909,1956)
2	R134725	OIL PAN	1		(CODE 1907) (MARKED R134725) (SUB FOR R123220) (ALSO ORDER (2) 19M7799)
3	19M7868	SCREW	6		(CODE 1907,1908,1909,1956) M8 X 30
4	19M7799	SCREW	2		(CODE 1907,1908,1909,1956) M8 X 45
5	RE46685	PLUG	2		(CODE 1907,1908,1909,1956)
6	51M7043	O-RING	2		(CODE 1907,1908,1909,1956)
7	19M7867	SCREW	28		(CODE 1907, 1908, 1909) M8 X 25
	19M7867	SCREW	26		(CODE 1956)
8	15H624	PIPE PLUG	AR		(CODE 1908) 1/2"
9	R95065	FITTING	1		(CODE 1908)
10	51M7045	O-RING	1		(CODE 1908) 19.300 X 2.200 MM
11	R134898	OIL PAN	1		(CODE 1908) (MARKED R134898) (SUB FOR R123221) (ALSO ORDER (2) 19M7799)
12	R123335	OIL PAN	1		(CODE 1909) (MARKED R123335)
	R502261	OIL PAN	1		(MARKED R123335 OR R502261) (CODE 1956)
13	R500349	GASKET	1		(CODE 1944)
14	51M7045	O-RING	1		(CODE 1944) 19.300 X 2.200 MM
15	RE500611	HOSE FITTING	1		(CODE 1944)
16	RE500612	OIL PAN	1		(CODE 1944) (MARKED RE500612)
17	19M8062	CAP SCREW	6		(CODE 1944) M8 X 20
18	19M8163	CAP SCREW	30		(CODE 1944) M8 X 16
19	RE46687	FITTING	1		(CODE 1956)
20	19M7799	SCREW	4		(CODE 1956)

ENGINE OIL DIPSTICK

- CODE 4001 DIPSTICK LEFT HAND
 - CODE 4002 DIPSTICK RIGHT HAND
 - CODE 4003 DIPSTICK RIGHT HAND TOP
 - CODE 4009 DIPSTICK RIGHT HAND TOP (REMOVABLE)
 - CODE 4014 DIPSTICK LEFT HAND SHORT
 - CODE 4017 DIPSTICK RIGHT HAND LOW
 - CODE 4018 DIPSTICK RIGHT & LEFT HAND
 - CODE 4019 DIPSTICK LEFT HAND
- TP50823 -UN-04MAY98



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE69243	DIPSTICK	1	(CODE 4001,4002,4018,4019)	
	RE500168	DIPSTICK	1	(CODE 4014,4017)	
2	RE66178	DIPSTICK	1	(CODE 4003)	
3	R134240	PLUG	1	(CODE 4001,4002,4003,4009,4014,4017,4019)	
4	R134552	BRACKET	1	(CODE 4003,4009)	
5	14M7298	FLANGE NUT	1	(CODE 4003,4009) M8	
6	19M7787	SCREW	1	(CODE 4003) M12 X 20	
7	T28862	CLAMP	1	(CODE 4003,4009)	
8	19M7866	SCREW	1	(CODE 4003,4009) M8 X 20	
9	R134550	DIPSTICK TUBE	1	(CODE 4003)	
10	R130055	DIPSTICK TUBE	1	(CODE 4001,4002)	
	R501252	DIPSTICK TUBE	1	(CODE 4017)	
	R130055	DIPSTICK TUBE	1	(CODE 4018)	
	R500116	DIPSTICK TUBE	1	(CODE 4014)	
	R500709	DIPSTICK TUBE	1	(CODE 4019)	
11	RE503848	DIPSTICK TUBE	1	(CODE 4009) (SUB FOR RE70116)	
12	R135749	ELBOW FITTING	1	(CODE 4009) (SUB FOR RE70116)	
13	RE66178	DIPSTICK	1	(CODE 4009)	

MEMORANDA

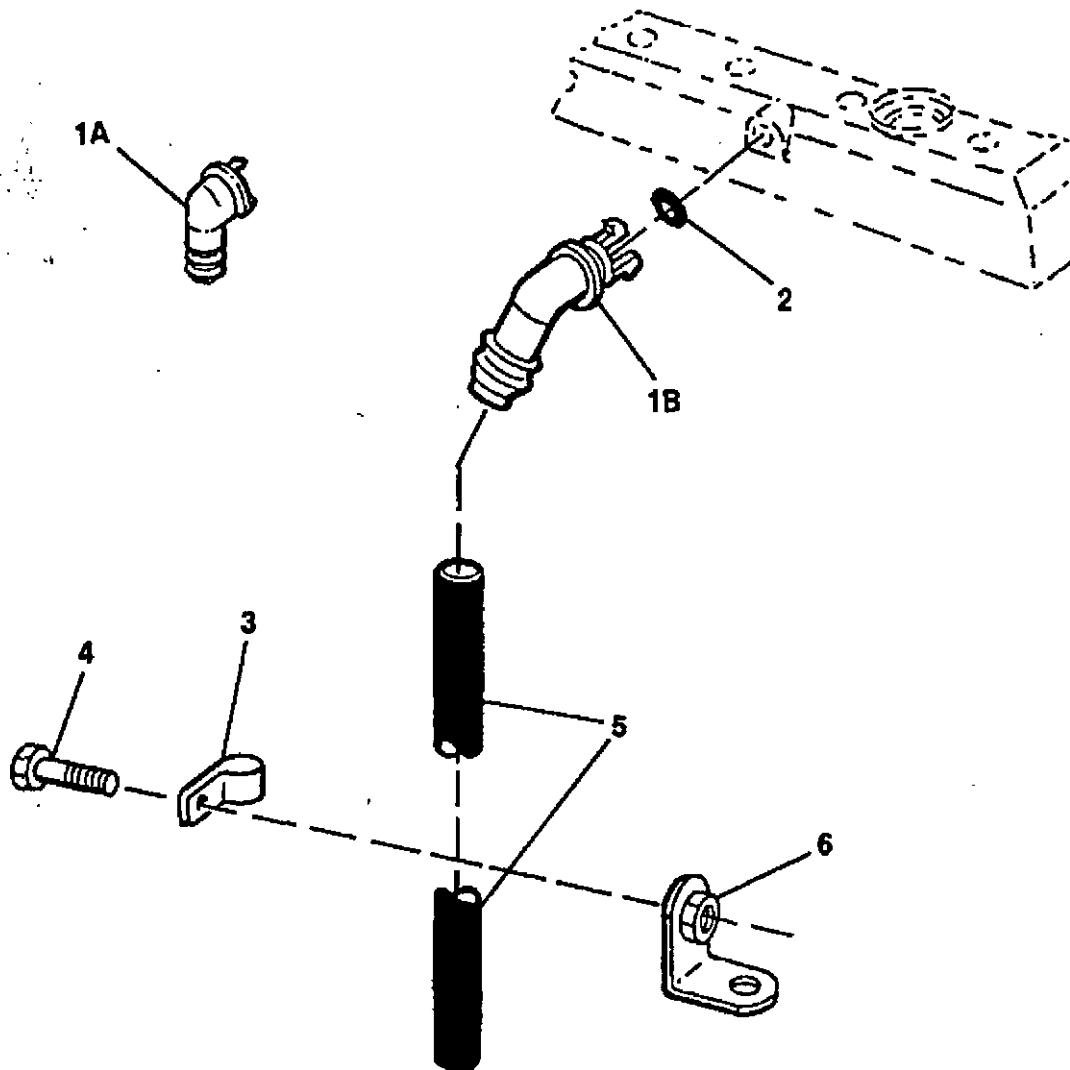
1C23

ENGINE 4
VENTILATING SYSTEM 0408

VENTILATING SYSTEM CODE 2902,2904,2905,2906,2915,2922 VENT SYSTEM-CODE 2999 NO VENT SYSTEM

RENIFLARD
ENTLUEFTER
SFIATATOIO
RESPIRADERO
VENTILATOR

TP55144 -UN-26JUN97



TP55144

1C24

ENGINE 4
VENTILATING SYSTEM 0408

VENTILATING SYSTEM
CODE 2902, 2904, 2905, 2906, 2915, 2922 VENT SYSTEM
CODE 2999 NO VENT SYSTEM

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1A	R120467	ELBOW FITTING	1		(CODE 2904,2906,2915,2922,2999) 90 DEGREE
1B	R123586	ELBOW FITTING	1		(CODE 2902, 2905) 45 DEGREE
2	R72328	O-RING	1		18.720 X 2.616 MM (0.737" X 0.103")
3	R72659	CLAMP	1		(CODE 2904, 2905, 2906, 2915)
4	19M7866	SCREW	1		M8 X 20, (CODE 2904,2906, AND 2915)
	T56055	BOLT	1	-XXXXXX	(SUB FOR T34037 AND R122618, THIS APPLICATION) (CODE 2905)
	19M7783	SCREW	1	XXXXXX-	
5	H36031	HOSE	1		(CODE 2905)
	.....	HOSE	1		(CODE 2904,2922) (MAKE FROM TY22450,CUT TO LENGTH)
	R134403	HOSE	1		(CODE 2906,2915)
6	A112875	BRACKET	1	-XXXXXX	(CODE 2905)
	RE504063	BRACKET	1	XXXXXX-	

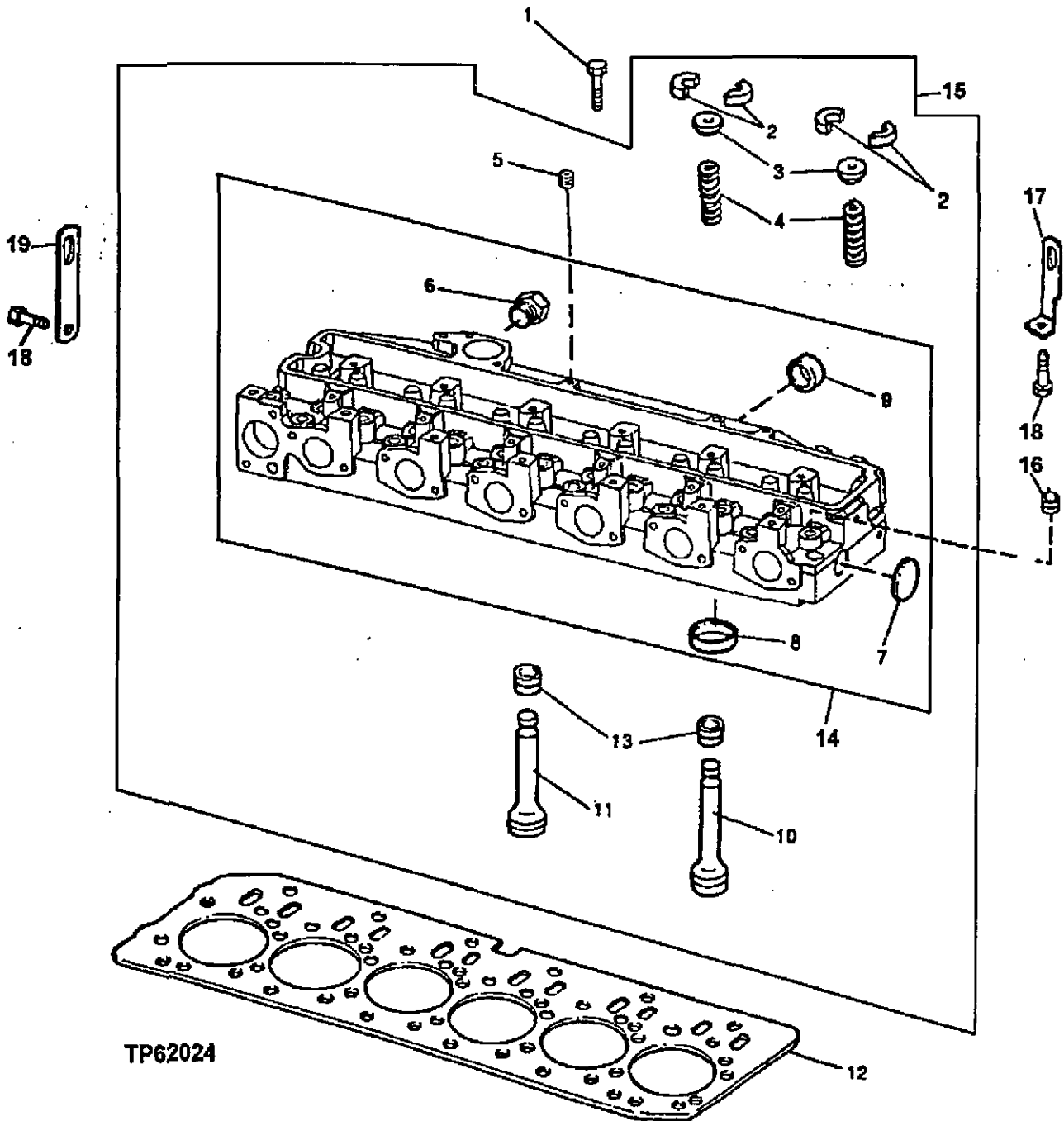
MEMORANDA

MEMORANDA

1D1

ENGINE 4
CYLINDER HEAD AND VALVES 0409

CYLINDER HEAD, HEAD GASKET AND VALVES CODE 5107 CYLINDER HEAD
CULASSE JOUIT SOUPAPE CODE 9812 ENGINE LIFT STRAPS
ZYLINDERKOPF DICHTUNG VEUTIL
TESTATA DELL MOTORE GUARNIZIONE VALVOLA
CULATA JUNTA VALVOLA
CYLINDERTOPLOCK PACKUING VENTIL
TP62024 -UN-10DEC98



1D2

ENGINE 4
CYLINDER HEAD AND VALVES 0409

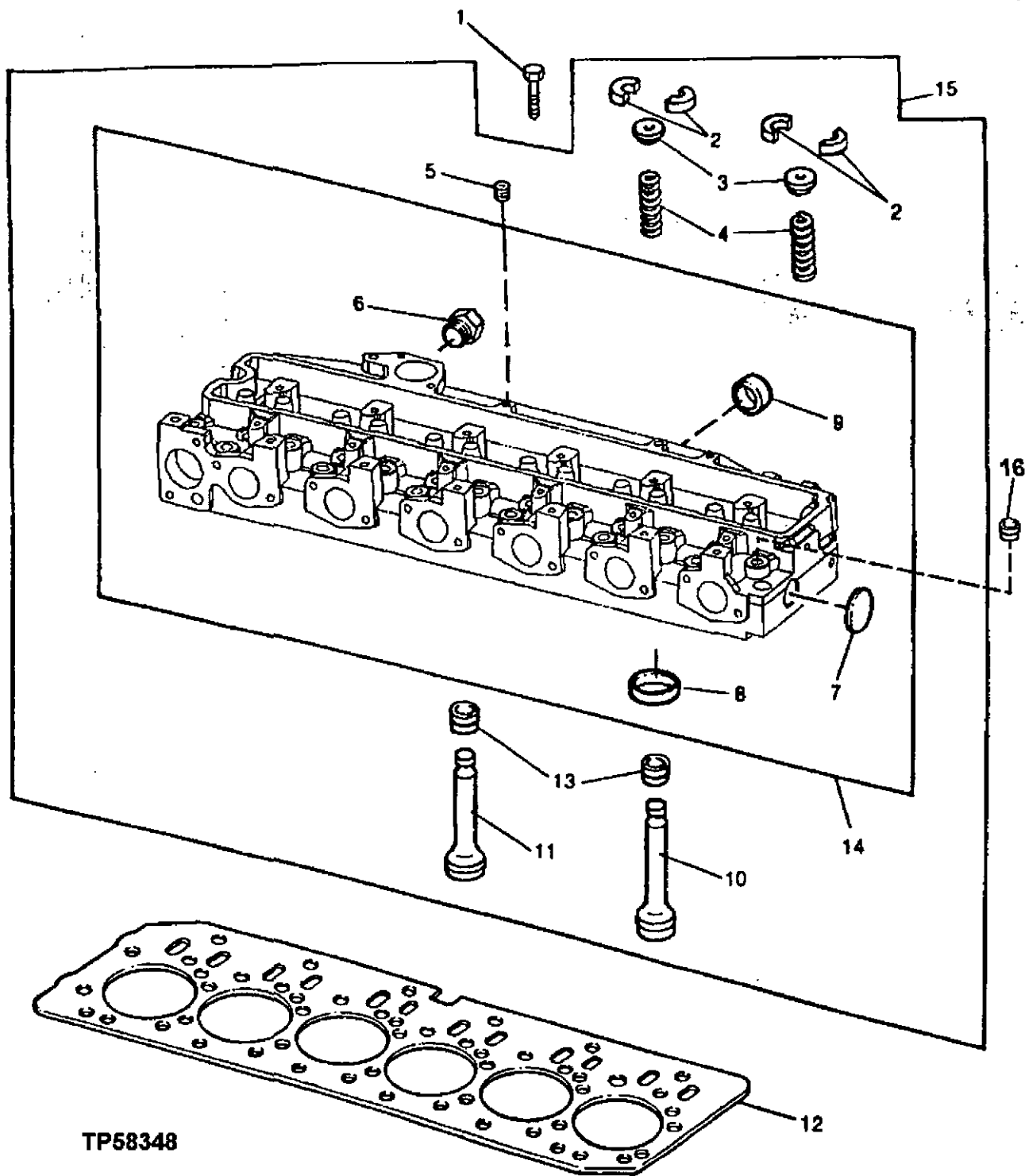
CYLINDER HEAD, HEAD GASKET AND VALVES
CODE 5107 (6068TF150, 6068TF151, 6068TF250, 6068HF150, 6068HF250, 6068TF220)
CODE 9812 ENGINE LIFT STRAPS

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R85363	CAP SCREW	26		SAE STANDARD THREAD
2	R91889	RETAINER	24		
3	RE60005	ROTATOR	12		
4	R26125	SPRING	12		
5	R104592	PIPE PLUG	1		
6	T58477	FITTING	1		
7	CD16284	CAP	1		
8	R98063	VALVE SEAT INSERT	6		STANDARD SIZE INTAKE VALVE
	R98335	VALVE SEAT INSERT	6		OVERSIZE INTAKE VALVE
	R85687	VALVE SEAT INSERT	6		STANDARD SIZE EXHAUST VALVE
	R93910	VALVE SEAT INSERT	6		OVERSIZE EXHAUST VALVE
9	R43409	CAP	3		
10	R90692	EXHAUST VALVE	6		STANDARD
	R97492	EXHAUST VALVE	AR		.015" OVERSIZE
	R97493	EXHAUST VALVE	AR		.030" OVERSIZE
11	R98062	INTAKE VALVE	6		STANDARD
	R97490	INTAKE VALVE	AR		.015 OVERSIZE
	R97491	INTAKE VALVE	AR		.030 OVERSIZE
12	R116516	ENGINE CYLINDER HEAD GASKET	1		
13	RE31617	SEAL	12		
14	.....	CYLINDER HEAD	1		(MARKED R121608) (RE57490 NO LONGER AVAILABLE)
15	RE57489	CYLINDER HEAD	1		(MARKED R121608)
16	15H624	PIPE PLUG	1		1/2" ENGINE TEMPERATURE

1D3

ENGINE 4
CYLINDER HEAD AND VALVES 0409

CYLINDER HEAD, HEAD GASKET AND VALVES
CODE 5108 (6068DF150)
CULASSE JOUJIT SOUPAPE
ZYLINDERKOPF DICHTUNG VEUTIL
TESTATA DELL MOTORE GUARNIZIONE VALVOLA
CULATA JUNTA VALVULA
TP58348 -UN-06NOV98



TP58348

1D4

ENGINE 4
CYLINDER HEAD AND VALVES 0409

CYLINDER HEAD, HEAD GASKET AND VALVES
CODE 5108 (6068DF150)

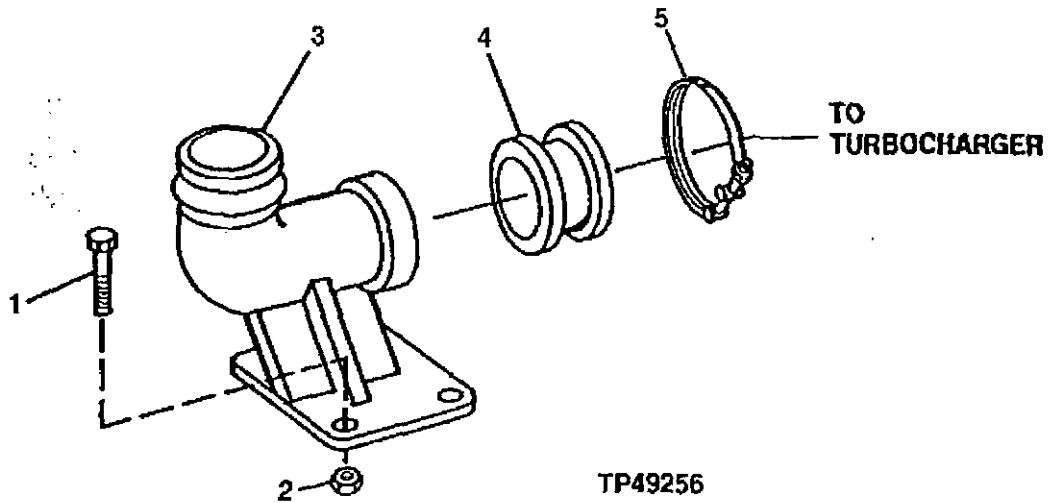
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R85363	CAP SCREW	26		SAE STANDARD THREAD
2	R91889	RETAINER	24		
3	RE60005	ROTATOR	12		
4	R26125	SPRING	12		
5	R104592	PIPE PLUG	1		
6	T58477	FITTING	1		
7	CD16284	CAP	1		
8	R98063	VALVE SEAT INSERT	6		STANDARD SIZE INTAKE VALVE
	R98335	VALVE SEAT INSERT	6		OVERSIZE INTAKE VALVE
	R85687	VALVE SEAT INSERT	6		STANDARD SIZE EXHAUST VALVE
	R93910	VALVE SEAT INSERT	6		OVERSIZE EXHAUST VALVE
9	R43409	CAP	3		
10	R90692	EXHAUST VALVE	6		STANDARD
11	R98062	INTAKE VALVE	6		STANDARD
12	R116516	ENGINE CYLINDER HEAD GASKET	1		
13	RE31617	SEAL	12		
14	.....	CYLINDER HEAD	1		(RE57238 NO LONGER AVAILABLE) (MARKED R121403) (SUB RE57237)
15	RE57237	CYLINDER HEAD	1		(MARKED R121403)
16	15H624	PIPE PLUG	1		1/2" ENGINE TEMPERATURE

MEMORANDA

1D5

ENGINE 4
EXHAUST MANIFOLD 0410

EXHAUST ELBOW CODE 6401
COUDE D'ECHAPPEMENT
AUSLASSBOGEN
GOMITO DE SCARICO
CODOS DEL TUBO DE EXC.
KNAEROER FOER UTBLASN.
TP49256 -UN-15MAY95

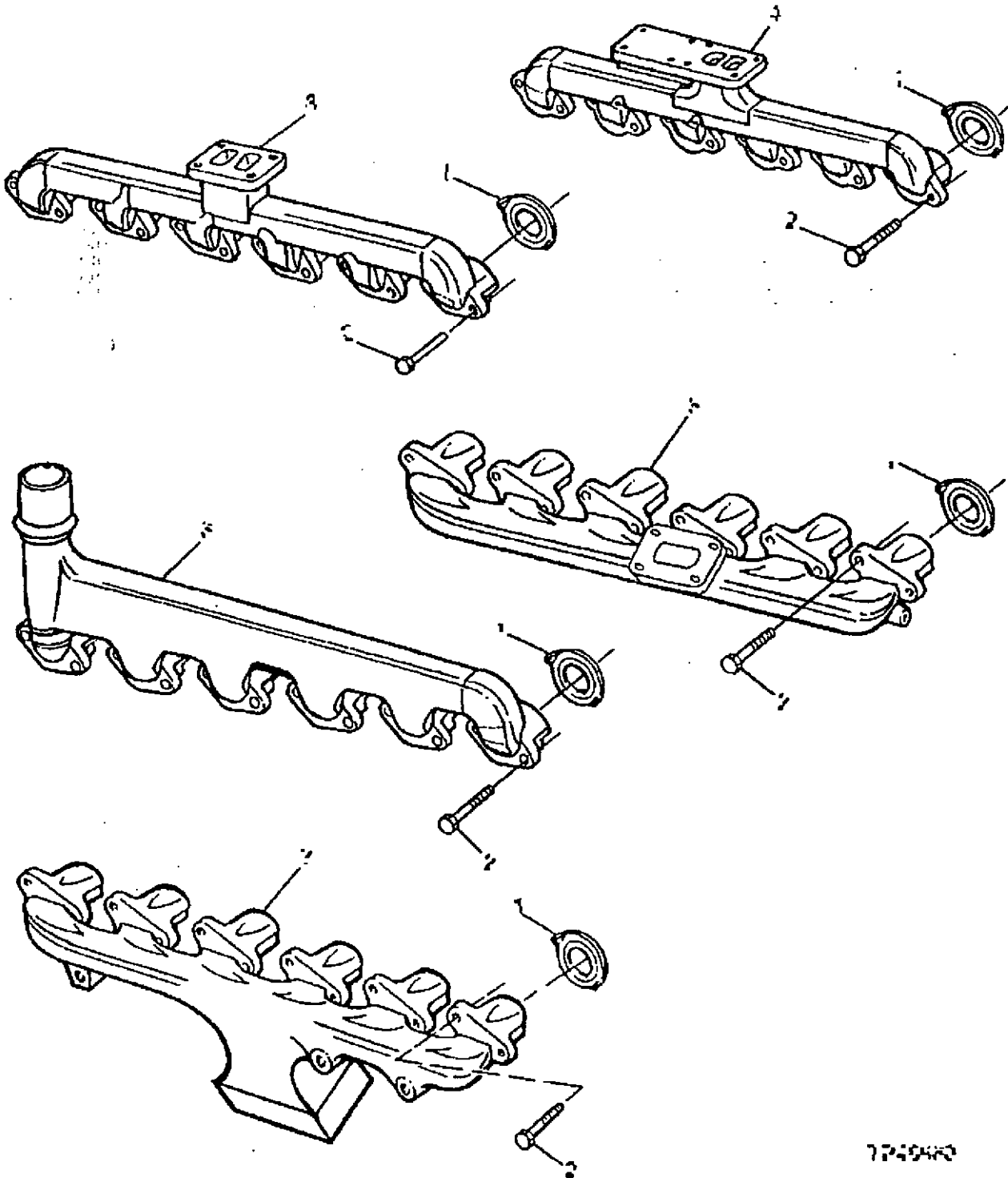


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M8162	CAP SCREW	4	M10 X 40	
2	14M7296	FLANGE NUT	4	M10	
3	R123246	PIPE ELBOW	1		
4	R87732	ADAPTER	1		
5	RE70212	CLAMP	1	(SUB FOR RE40048)	

1D6

ENGINE 4
EXHAUST MANIFOLD 0410

EXHAUST MANIFOLD CODE 2808, 2809, 2811, 2812, 2814, 2825, 2838, AND 2844
COLLECTEUR D'ÉCHAPPEMENT
AUSPUFFKRUEMMER
COLLETTORE DI SCARICO
AVGASGRENROER
TP48960 -UN-28MAR96



7749470

1D7

ENGINE 4
EXHAUST MANIFOLD 0410

EXHAUST MANIFOLD
CODE 2808,2809,2810,2811,2812,2814,2825,2838,2844

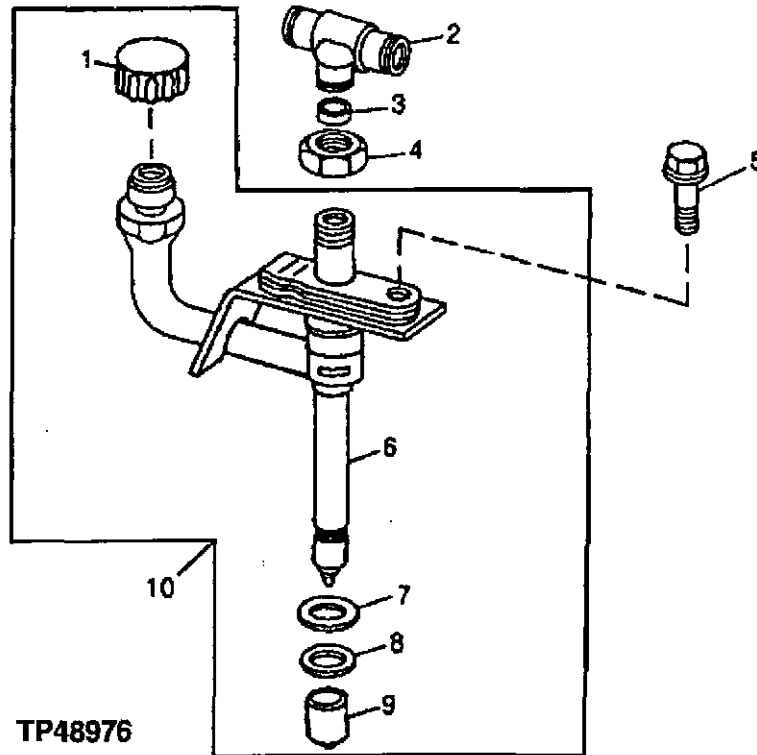
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R90658	GASKET	6		(SUB FOR R119395)
2	19M7819	SCREW	12		M12 X 90
	19M7810	SCREW	12		(CODE 2814,2825,2838,2844) M10 X 80
3	R132203	EXHAUST MANIFOLD	1		(CODE 2808,2825) (SUB FOR R121596)
4	R132262	EXHAUST MANIFOLD	1		(CODE 2809) (SUB FOR R122652)
5	R132462	EXHAUST MANIFOLD	1		(CODE 2810) (SUB FOR R121646)
	R132471	EXHAUST MANIFOLD	1		(CODE 2811,2838) (SUB FOR R122805)
6	R121597	EXHAUST MANIFOLD	1		(CODE 2812)
7	R132525	EXHAUST MANIFOLD	1		(CODE 2814)
	R502528	EXHAUST MANIFOLD	1		(CODE 2844)

MEMORANDA

1D8

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION NOZZLE
INJECTEUR
EINSPRITZUESE
INIETTORE
INJECTOR
INSPRUTARE
TP48976 -UN-26OCT96



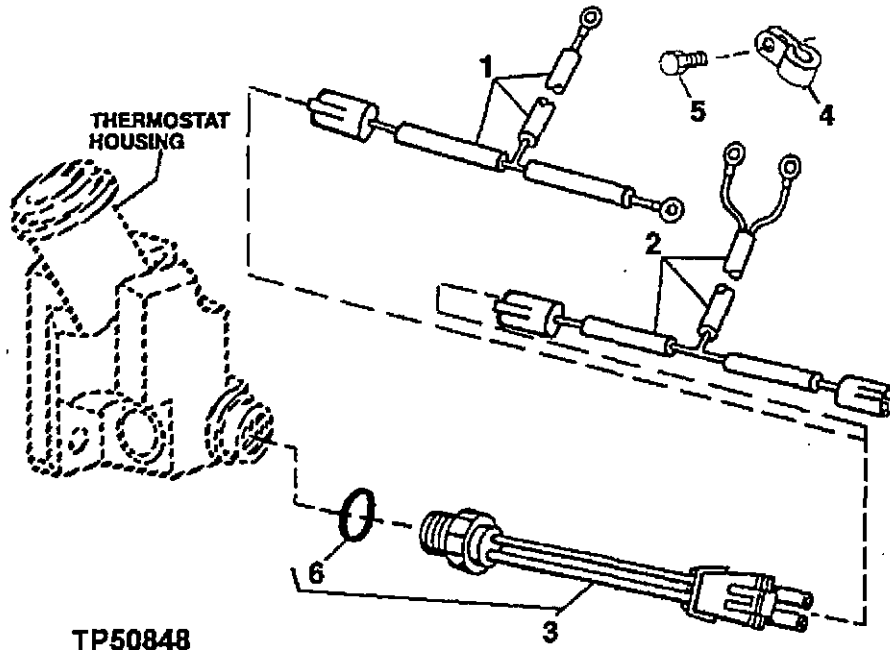
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	CAP	1		
2	R71963	TEE FITTING	1		
3	R79605	WASHER	1		
4	R79604	TUBE NUT	1		
5	R116366	SCREW	1		
6	.....	NOZZLE	1		
7	R92352	PACKING	1		
8	R48000	WASHER	1		(USE WITH OVERSIZE NOZZLE BORE) (NOT INCLUDED WITH RE48786 OR RE60062)
9	R500390	WASHER	1		(USE WITH STANDARD NOZZLE BORE)
	T24472	PLUG	1		
10	RE48786	INJECTION NOZZLE	1		(WITH TURBOCHARGER)
	RE60062	INJECTION NOZZLE	1		(WITHOUT TURBOCHARGER)

MEMORANDA

1D9

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION PUMP SOLENOID SHUT OFF WIRE HARNESS
 POMPE D'INJECTION SOLENOIDE FAISCEAU DE CABLES
 EINSPIRITZPUMPE SOLENOIDE KABELBAUM
 POMPA D'INIEZIONE SOLENOIDE CABLAGGIO
 BOMBA DE INECCION SOLENOIDE GRUPO DE CABLES
 INSPRUTINGSPUMPE SOLENOID KABELHAERVA
 TP50848 -UN-03/JUN98



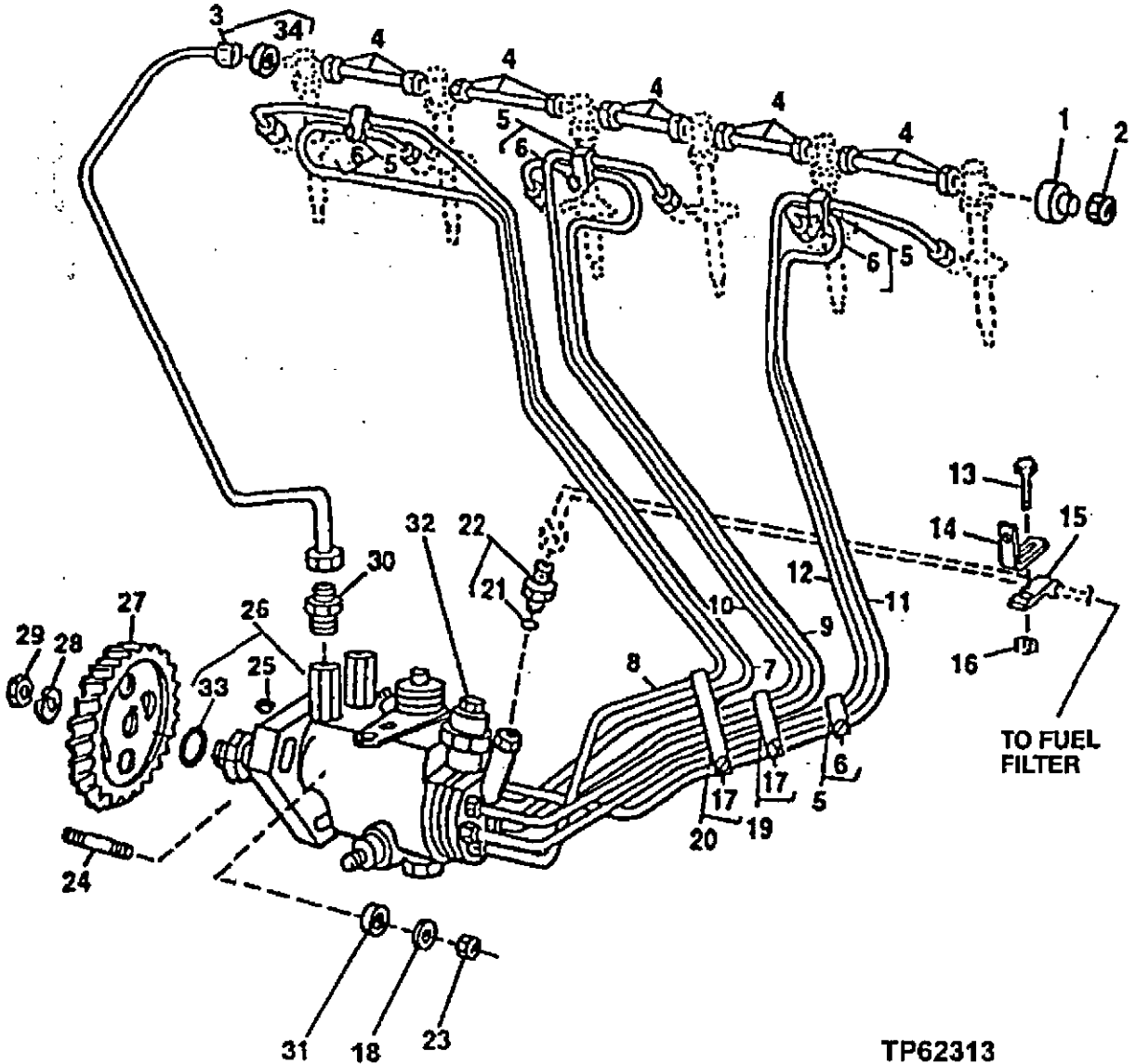
TP50848

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE66559	WIRING HARNESS	1	(LUCAS)	
2	RE66560	WIRING HARNESS	1	(STANADYNE)	
3	RE503242	SENSOR WIRING HARNESS	1	(STANADYNE) (SUB FOR RE66214)	
	RE503243	SENSOR WIRING HARNESS	1	(LUCAS) (SUB FOR RE66215)	
4	T74410	CLAMP	1		
5	19M7783	SCREW	1	M10 X 16	
6	51M7041	O-RING	1	11.300 X 2.200 MM	

1D10

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM (CODE 1613,1614,1615 12-VOLT) (CODE 1678,1680,1686 24-VOLT) LUCAS (ESN
-707095)
EINSPRITZ
D'INIEZIONE
DE INYECCION
INSPRUTNING
TP62313 -UN-18JAN00



1D11

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
(WITH TURBOCHARGER)
CODE 1613,1614,1615 12 -VOLT LUCAS
CODE 1678,1680,1686 24 -VOLT LUCAS
(ENGINE SERIAL NO. -707095)

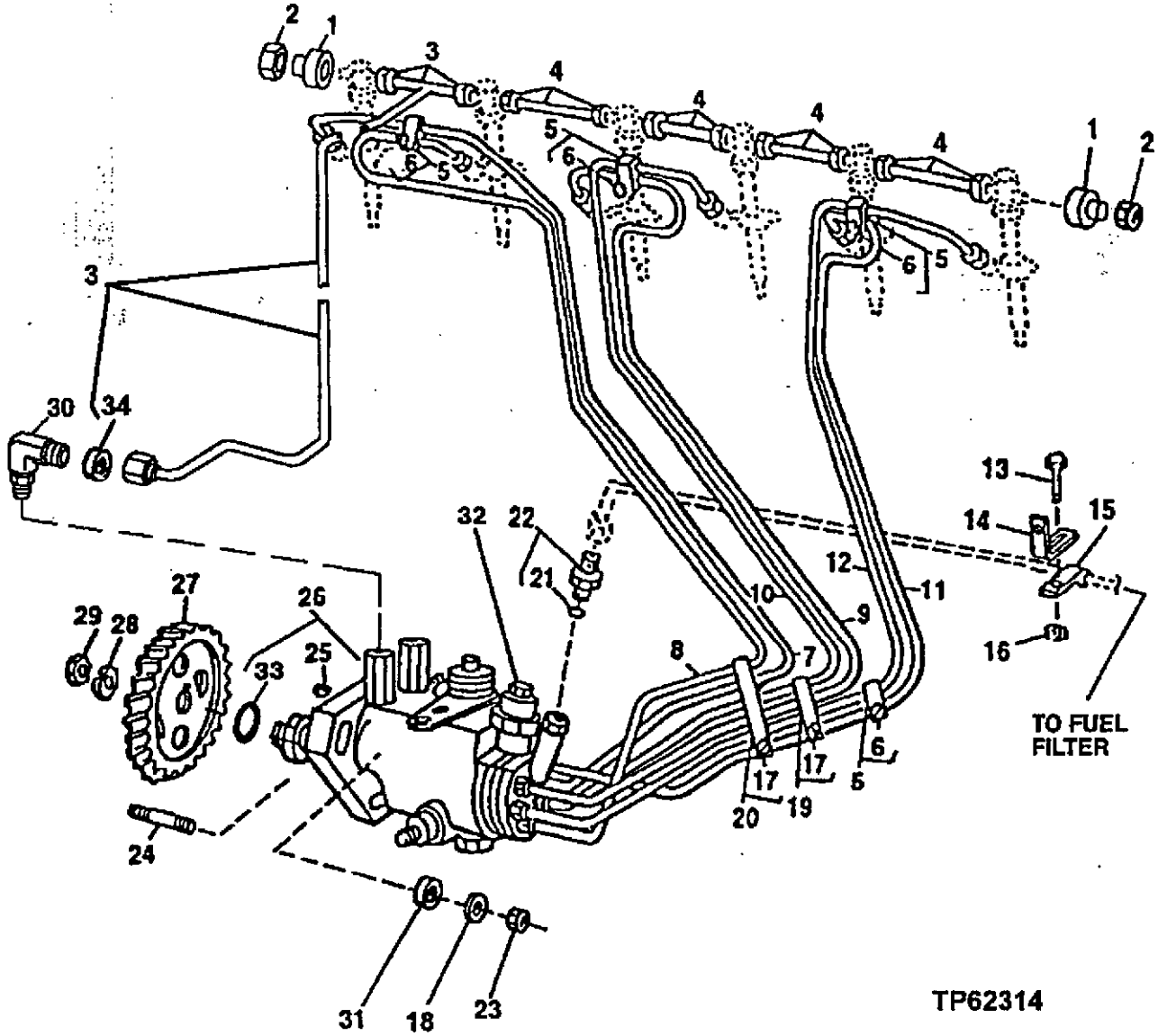
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR85519	PLUG	1		
2	R123593	NUT	1		
	R51936	PACKING	10		(USE WITH R123593)
3	RE60012	LINE	1		LEAK OFF
4	R66090	TUBE	5		
5	RE19797	CLAMP	4		GREEN
6	19M7300	CAP SCREW	3		M6 X 10
7	RE60049	FUEL LINE	1		NO. 1
8	RE60050	FUEL LINE	1		NO. 2
9	RE60051	FUEL LINE	1		NO. 3
10	RE60052	FUEL LINE	1		NO. 4
11	RE60053	FUEL LINE	1		NO. 5
12	RE60054	FUEL LINE	1		NO. 6
13	19M7865	SCREW	1		M8 X 16
14	R116116	BRACKET	1		
15	T14050	CLAMP	1		
16	14M7298	FLANGE NUT	1		M8
17	19M7300	CAP SCREW	3		M6 X 10
18	12M7065	LOCK WASHER	1		8.100 MM, BLACK
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	R116386	STUD	3		
25	26H10	SHAFT KEY	1		
26	RE61669	FUEL INJECTION PUMP	1		(A) (CODE 1614)(LUCAS 12-VOLT)
	RE62366	FUEL INJECTION PUMP	1		(A) (CODE 1615)(LUCAS 12-VOLT)
	RE60105	FUEL INJECTION PUMP	1		(A) (CODE 1680)(LUCAS 24-VOLT)
	RE60131	FUEL INJECTION PUMP	1		(A) (CODE 1686)(LUCAS 24-VOLT)
	RE59861	FUEL INJECTION PUMP	1		(A) (CODE 1613)(LUCAS 12-VOLT)
	RE60101	FUEL INJECTION PUMP	1		(A) (CODE 1678)(LUCAS 24-VOLT)
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		(SUB FOR R48600)
29	R91360	NUT	1		
30	RE60028	FITTING	1		
31	T27860	WASHER	3		
32	RE54064	SOLENOID	1		(12 VOLT)
	RE31856	SWITCH	1		(24 VOLT)
33	R128799	O-RING	1		
34	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D12

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM CODE 1614/1615 12-V CODE 1680/1686 24-V (W/TURBO)(LUCAS)(ESN.707126-)
TP62314 -UN-14JAN00



1D13

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM (LUCAS) (ESN 707126-)
(WITH TURBOCHARGER)
CODE 1614 AND 1615 12-VOLT
CODE 1680 AND 1686 24-VOLT

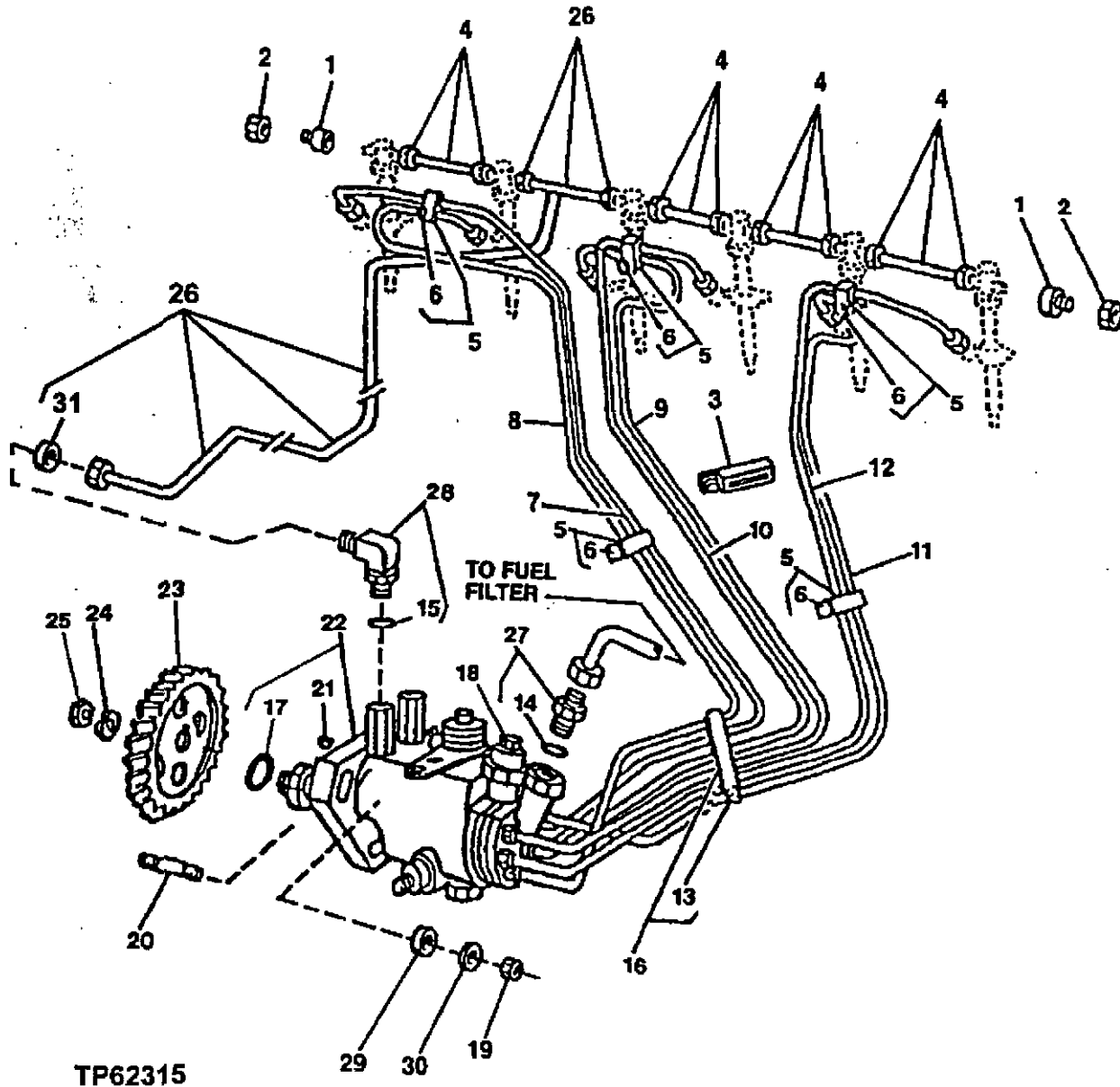
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR85519	PLUG	2		
2	R123593	NUT	2		
	R51936	PACKING	10		(USE WITH R123593)
3	RE68899	LINE	1		LEAK OFF
4	R66090	TUBE	4		
5	RE19797	CLAMP	4		GREEN
6	19M7300	CAP SCREW	3		M6 X 10
7	RE60049	FUEL LINE	1		NO. 1
8	RE60050	FUEL LINE	1		NO. 2
9	RE60051	FUEL LINE	1		NO. 3
10	RE60052	FUEL LINE	1		NO. 4
11	RE60053	FUEL LINE	1		NO. 5
12	RE60054	FUEL LINE	1		NO. 6
13	19M7865	SCREW	1		M8 X 16
14	R116116	BRACKET	1		
15	T14050	CLAMP	1		
16	14M7298	FLANGE NUT	1		M8
17	19M7300	CAP SCREW	3		M6 X 10
18	12M7065	LOCK WASHER	1		8.100 MM, BLACK
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	R116386	STUD	3		
25	26H10	SHAFT KEY	1		
26	RE61669	FUEL INJECTION PUMP	1	-735269	(A) (CODE 1614)(LUCAS 12-VOLT)
	RE62366	FUEL INJECTION PUMP	1	-781941	(A) (CODE 1615)(LUCAS 12-VOLT)
	RE60105	FUEL INJECTION PUMP	1	-752469	(A) (CODE 1680)(LUCAS 24-VOLT)
	RE60131	FUEL INJECTION PUMP	1	-781419	(A) (CODE 1686)(LUCAS 24-VOLT)
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		
29	R91360	NUT	1		
30	RE502173	FITTING	1		(SUB FOR RE60185)
31	T27860	WASHER	3		
32	RE54064	SOLENOID	1		(12 VOLT)
	RE31856	SWITCH	1		(24 VOLT)
33	R128799	O-RING	1		
34	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D14

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM (LUCAS)
(WITH TURBOCHARGER)
(CODE 1696,1621 12-VOLT)
(CODE 1697,160D 24-VOLT)
TP62315 -UN-14JAN00



1D15

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM (LUCAS)
(WITH TURBOCHARGER)
(CODE 1696,1621 12-VOLT)
(CODE 1697,160D 24-VOLT)

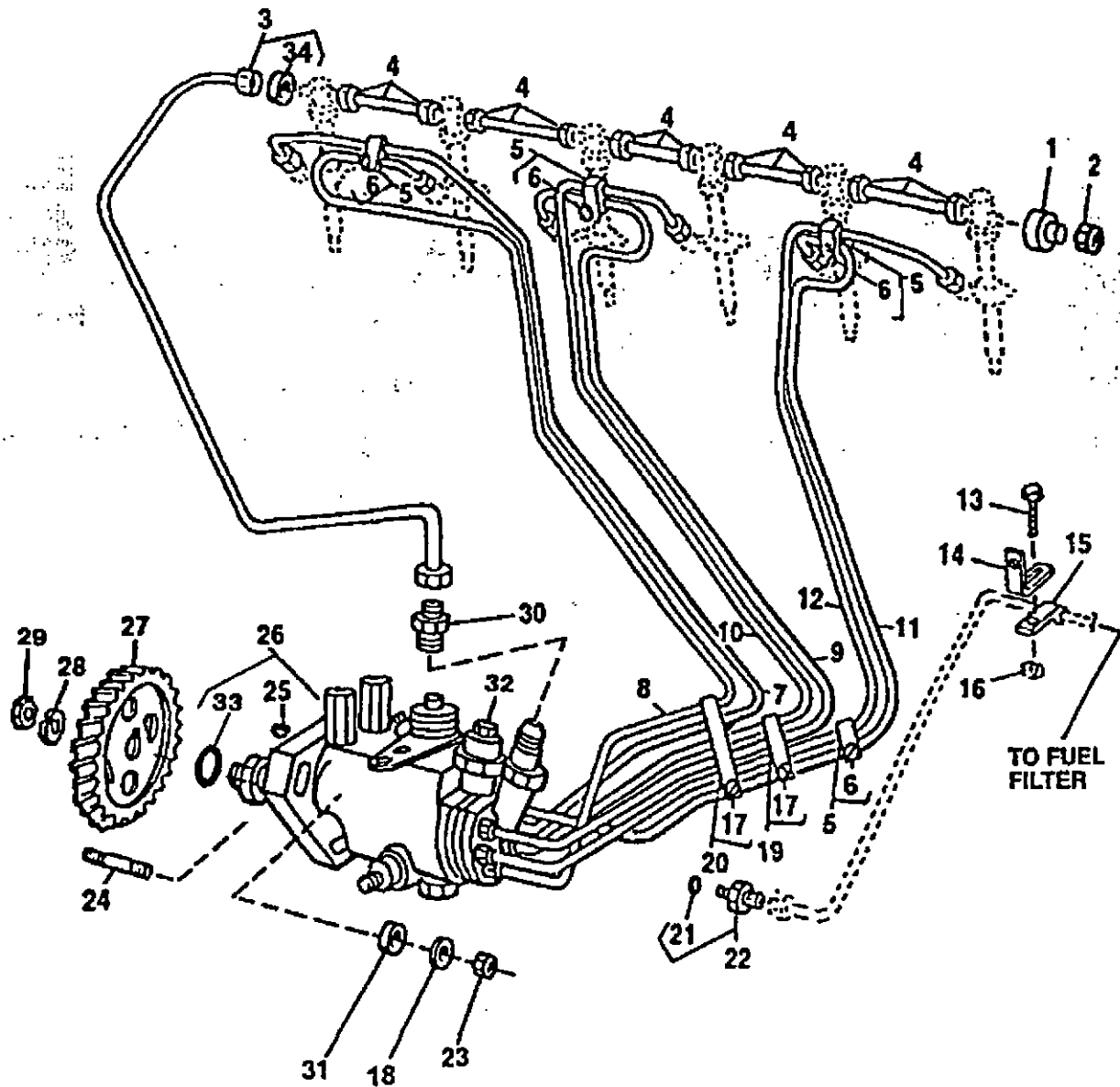
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	2		
2	R123593	NUT	2		
3	RE19799	CLAMP	1		(LINE NO.3 AND LINE NO.6)
4	RE68748	TUBE	4		
5	RE19797	CLAMP	4		
6	19M7923	CAP SCREW	5		M6 X 12
7	RE60049	FUEL LINE	1		NO. 1
8	RE60050	FUEL LINE	1		NO. 2
9	RE60051	FUEL LINE	1		NO. 3
10	RE60052	FUEL LINE	1		NO. 4
11	RE60053	FUEL LINE	1		NO. 5
12	RE60054	FUEL LINE	1		NO. 6
13	19M7923	CAP SCREW	1		M8 X 12
14	51M7040	O-RING	1		
15	51M7039	O-RING	1		8.100 X 1.600 MM (0.319" X 0.063")
16	RE19800	CLAMP	1		
17	R128799	O-RING	1		
18	RE54064	SOLENOID	1		(12 VOLT)
	RE31856	SWITCH	1		(24 VOLT)
19	14M7298	FLANGE NUT	3		M8
20	R116386	STUD	3		
21	26H10	SHAFT KEY	1		5/32" X 5/8"
22	RE67864	FUEL INJECTION PUMP	1	-736386	(A) (CODE 1696) 12-VOLT LUCAS
	RE68740	FUEL INJECTION PUMP	1	-736386	(A) (CODE 1697) 24-VOLT LUCAS
	RE66575	FUEL INJECTION PUMP	1		(A) (CODE 1621) 12-VOLT LUCAS
	RE69589	FUEL INJECTION PUMP	1		(A) (CODE 160D) 24-VOLT LUCAS
23	R132267	GEAR	1		(60 TEETH)
24	R132874	WASHER	1		
25	R91360	NUT	1		
26	RE68899	LINE	1		LEAK-OFF
27	RE60029	FITTING	1		
28	RE502173	FITTING	1		(SUB FOR RE60185) 90°
29	T27860	WASHER	3		
30	12M7065	LOCK WASHER	3		
31	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D16

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
(WITHOUT TURBOCHARGER)
CODE 1613 12-VOLT LUCAS
CODE 1678 24-VOLT LUCAS
(ENGINE SERIAL NO. -707095)
TP62316 -UN-18JAN00



TP62316

1D17

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
(WITHOUT TURBOCHARGER)
CODE 1613 12-VOLT LUCAS
CODE 1678 24-VOLT LUCAS
(ENGINE SERIAL NO. -707095)

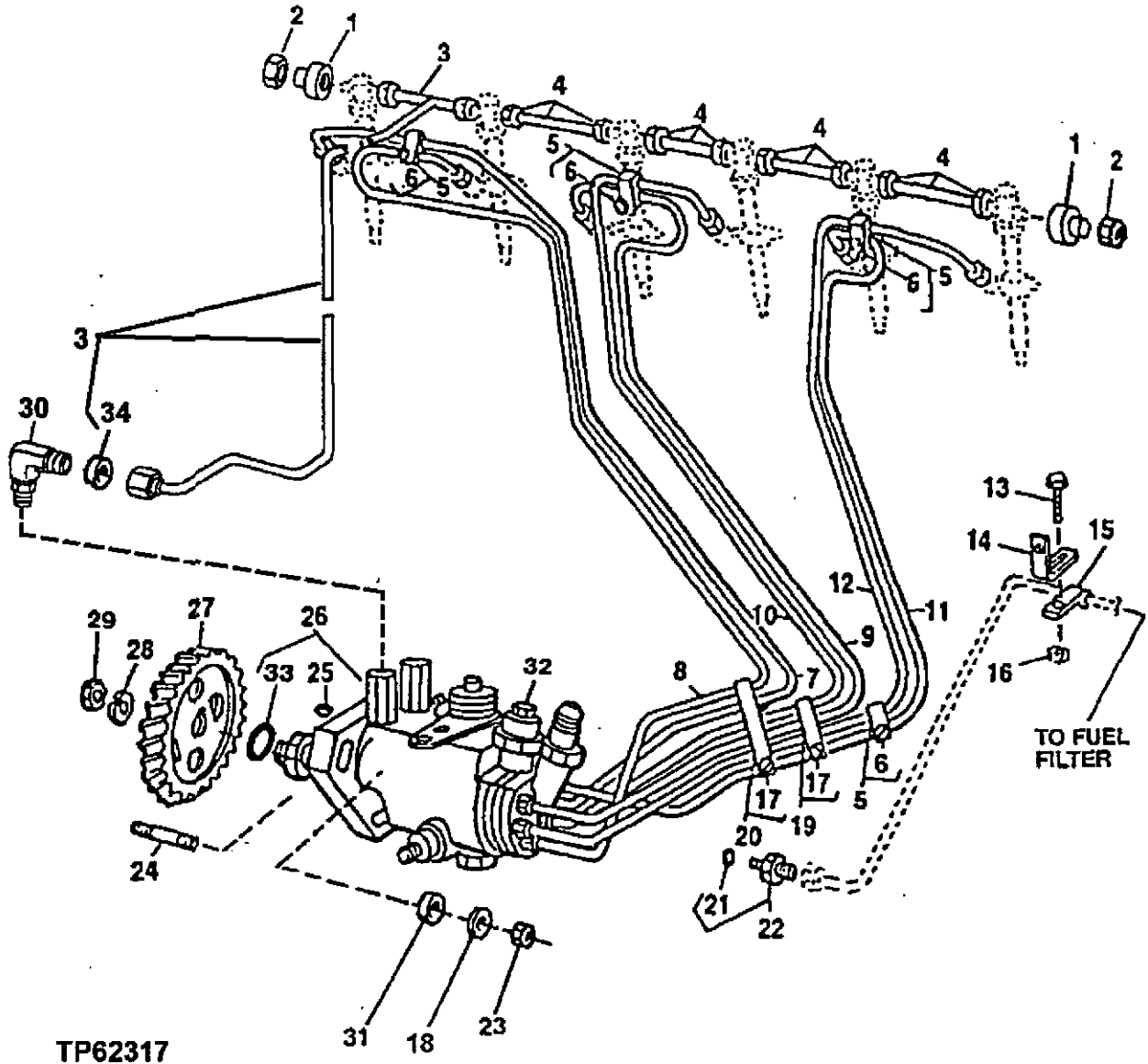
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	1		
2	R123593	NUT	1		(SUB FOR R51937, THIS APPLICATION)
	R51936	PACKING	10		(USE WITH R123593 NUT)
3	RE60012	LINE	1		LEAK-OFF
4	R66090	TUBE	5		
5	RE19797	CLAMP	4		
6	19M7300	CAP SCREW	3		M6 X 10
7	RE60049	FUEL LINE	1		NO. 1
8	RE60050	FUEL LINE	1		NO. 2
9	RE60051	FUEL LINE	1		NO. 3
10	RE60052	FUEL LINE	1		NO. 4
11	RE60053	FUEL LINE	1		NO. 5
12	RE60054	FUEL LINE	1		NO. 6
13	19M7865	SCREW	1		M8 X 16
14	R116116	BRACKET	1		
15	T14050	CLAMP	1		
16	14M7298	FLANGE NUT	1		M8
17	19M7300	CAP SCREW	3		M6 X 10
18	12M7065	LOCK WASHER	3		8.100 MM, BLACK
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	R116386	STUD	3		
25	26H10	SHAFT KEY	1		
26	RE59861	FUEL INJECTION PUMP	1		(A) (CODE 1613) 12 VOLT -, LUCAS DP201
	RE60101	FUEL INJECTION PUMP	1		(A) (CODE 1678) 24 VOLT -, LUCAS DP201
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		(SUB FOR R48600)
29	R91360	NUT	1		
30	RE60028	FITTING	1		
31	T27860	WASHER	3		
32	RE54064	SOLENOID	1		(12 VOLT)
	RE31856	SWITCH	1		(24 VOLT)
33	R128799	O-RING	1		
34	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D18

FUEL INJECTION SYSTEM CODE 1613,16LR ,12-V CODE 1678,24-V (W/O TURBO(LUCAS) (ESN 707096-)

D'INJECTION
EINSPIRITZ
D'INIEZIONE
DE INYECCION
INSPRUTNING
TP62317 -UN-18JAN00



TP62317

THIS PARTS LISTING IS CONTINUED

1D19

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
CODE 1613 16LR 12-VOLT LUCAS
CODE 1678 24-VOLT LUCAS
(WITHOUT TURBOCHARGER)
(ENGINE SERIAL NO.707096-)

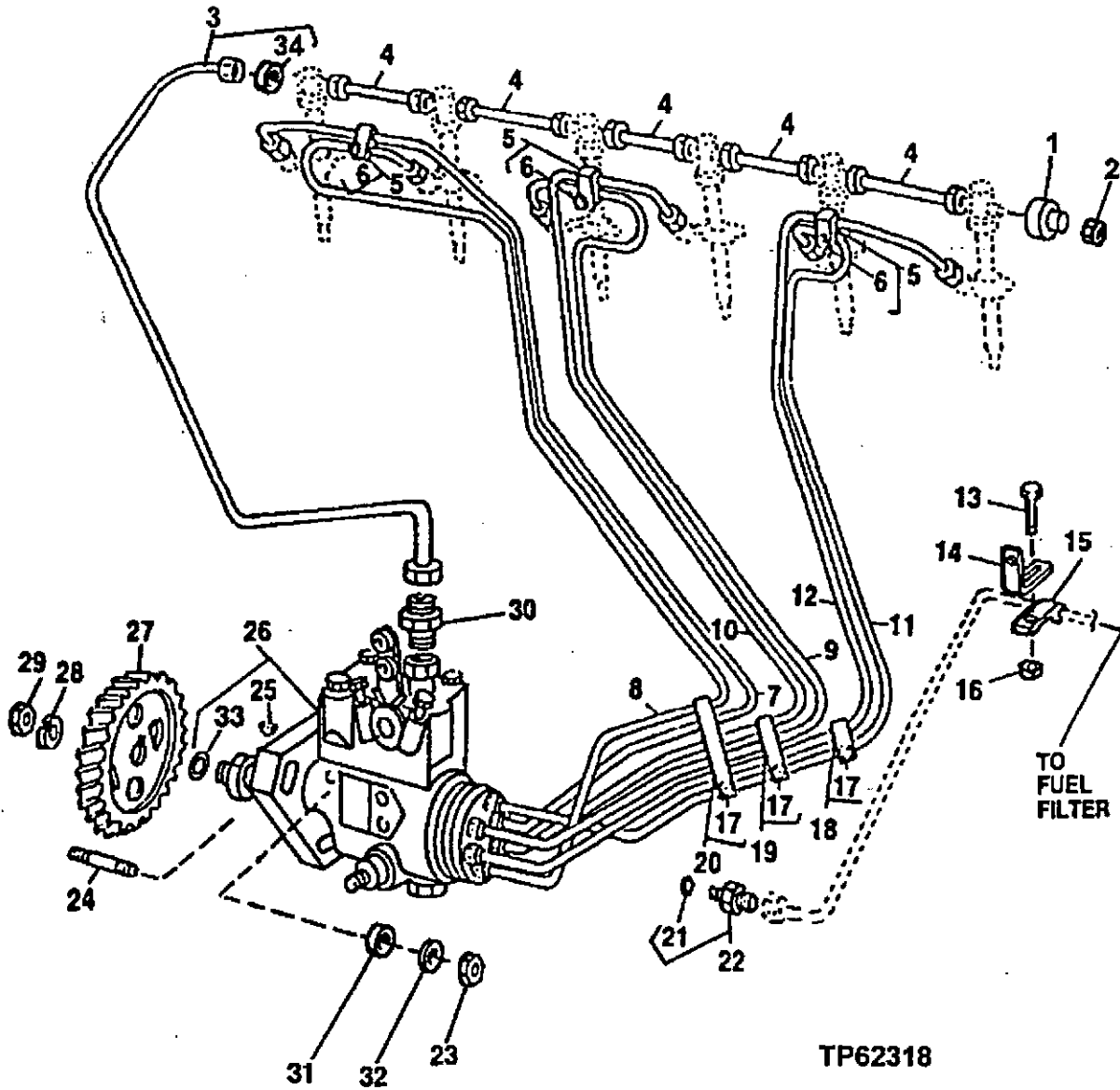
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	2		
2	R123593	NUT	2		
	R51936	PACKING	10		(USE WITH R123593 NUT)
3	RE68899	LINE	1		LEAK-OFF
4	RE68748	TUBE	4		
5	RE19797	CLAMP	4		
6	19M7300	CAP SCREW	3		M6 X 10
7	RE60049	FUEL LINE	1		NO. 1
8	RE60050	FUEL LINE	1		NO. 2
9	RE60051	FUEL LINE	1		NO. 3
10	RE60052	FUEL LINE	1		NO. 4
11	RE60053	FUEL LINE	1		NO. 5
12	RE60054	FUEL LINE	1		NO. 6
13	19M7865	SCREW	1		M8 X 16
14	R116116	BRACKET	1		
15	T14050	CLAMP	1		
	T74410	CLAMP	AR		
16	14M7298	FLANGE NUT	1		M8
17	19M7300	CAP SCREW	3		M6 X 10
18	12M7065	LOCK WASHER	3		8.100 MM, BLACK
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	R116386	STUD	3		
25	26H10	SHAFT KEY	1		
26	RE59861	FUEL INJECTION PUMP	1		(A) (CODE 1613,16LR) 12 VOLT -, LUCAS DP201
	RE60101	FUEL INJECTION PUMP	1		(A) (CODE 1676) 24 VOLT -, LUCAS DP201
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		
29	R91360	NUT	1		
30	RE502173	FITTING	1		(SUB FOR RE60185)
31	T27860	WASHER	3		
32	RE54064	SOLENOID	1		(12 VOLT)
	RE31856	SWITCH	1		(24 VOLT)
33	R128799	O-RING	1		
34	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D20

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM (STANADYNE) (ESN -715739) (WITH TURBOCHARGER)
CODE 1619, 1688, 1696, 16DK - 12 VOLT
CODE 1681, 1685, 1697 - 24 VOLT
TP62318 -UN-14JAN00



1D21

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM (STANADYNE) (ESN -715739) (WITH TURBOCHARGER)

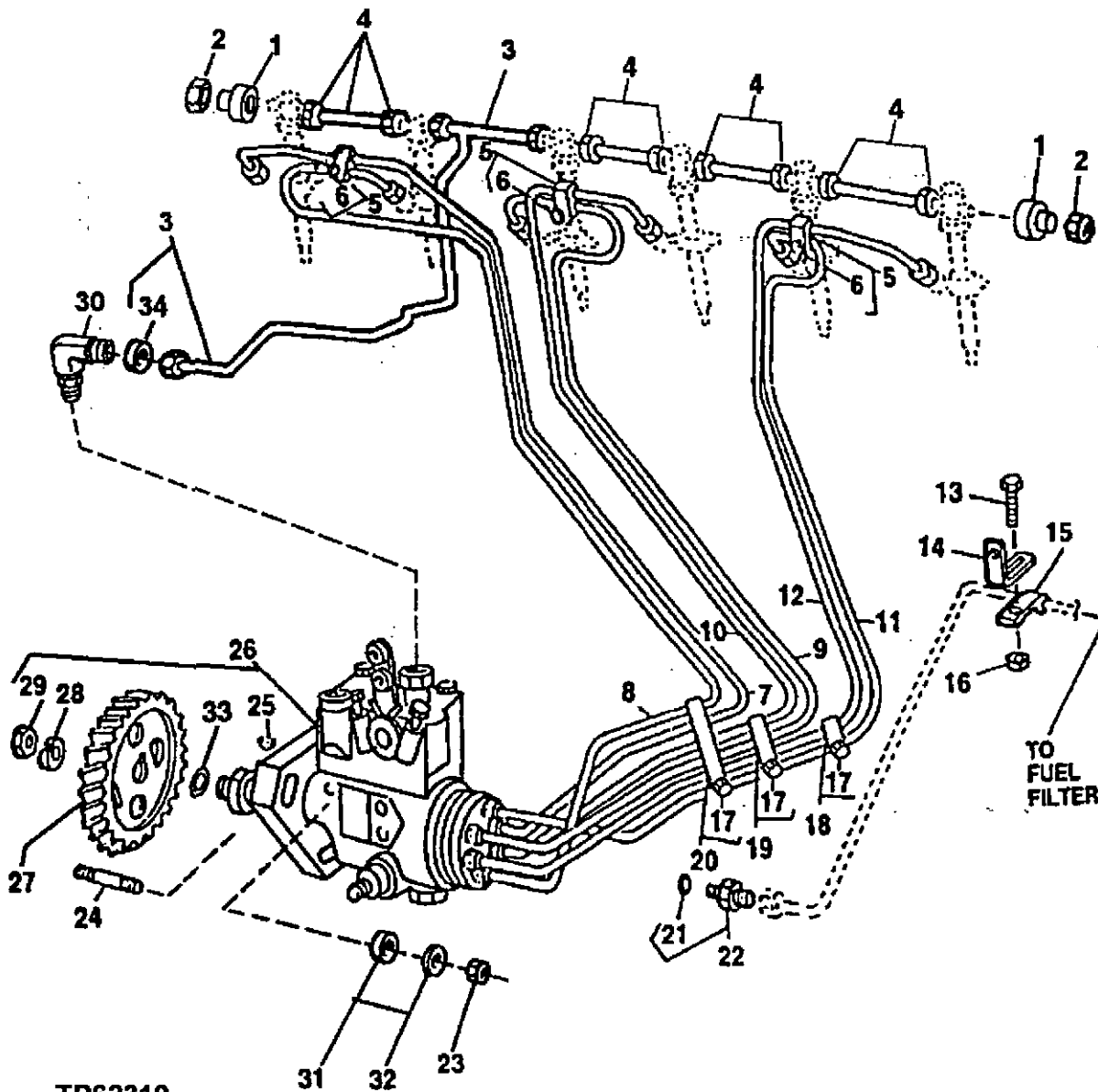
CODE 1619, 1688, 1696, 16DK 12-VOLT
CODE 1681, 1685, 1697 24-VOLT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	1		
2	R123593	NUT	1		(SUB FOR R51937, THIS APPLICATION)
3	RE60027	FUEL LINE	1		LEAK-OFF
4	RE68748	TUBE	5		
5	RE19797	CLAMP	3		
6	19M7300	CAP SCREW	3		M6 X 10
7	RE60055	FUEL LINE	1		NO. 1
8	RE60056	FUEL LINE	1		NO. 2
9	RE60057	FUEL LINE	1		NO. 3
10	RE60058	FUEL LINE	1		NO. 4
11	RE60059	FUEL LINE	1		NO. 5
12	RE60060	FUEL LINE	1		NO. 6
13	19M7865	SCREW	1		M8 X 16
14	R116116	BRACKET	1		
15	T14050	CLAMP	1		
16	14M7298	FLANGE NUT	1		M8
17	19M7300	CAP SCREW	3		M6 X 10
18	RE19797	CLAMP	1		(SUB FOR RE19798)
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	R116386	STUD	3		
25	26H10	SHAFT KEY	1		
26	RE67573	FUEL INJECTION PUMP	1		(A) (CODE 1619) 12 VOLT STANADYNE DB4
	RE67571	FUEL INJECTION PUMP	1		(A) (CODE 1681) 24 VOLT STANADYNE DB4
	RE67572	FUEL INJECTION PUMP	1		(A) (CODE 1688) 12 VOLT STANADYNE DB4
	RE67574	FUEL INJECTION PUMP	1		(A) (CODE 1685) 24 VOLT STANADYNE DB4, (SUB FOR RE60135)
	RE69787	FUEL INJECTION PUMP	1		(A) (CODE 1696) 12 VOLT STANADYNE DB4
	RE69788	FUEL INJECTION PUMP	1		(A) (CODE 1697) 24 VOLT STANADYNE DB4
	RE70938	FUEL INJECTION PUMP	1		(A) (CODE 16DK) 12 VOLT STANADYNE DB4
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		(SUB FOR R48600)
29	R91360	NUT	1		
30	R63604	FITTING	1		
31	T27860	WASHER	3		
32	12M7065	LOCK WASHER	3		8.100 MM
33	R502076	O-RING	1		(SUB FOR R89944)
34	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D22

FUEL INJECTION SYSTEM (STANADYNE)(ESN 715740-)
(WITH TURBOCHARGER)
CODE 1614,1615,1619,1688,16CW,16CX,16CY,1696,16LS,16LT,16LU,12 VOLT
CODE 1680,1681,1685,1686,1697,16NJ,- 24-VOLT
TP62319 -UN-10JAN00



TP62319

1D23

ENGINE 4
FUEL INJECTION SYSTEM 0413

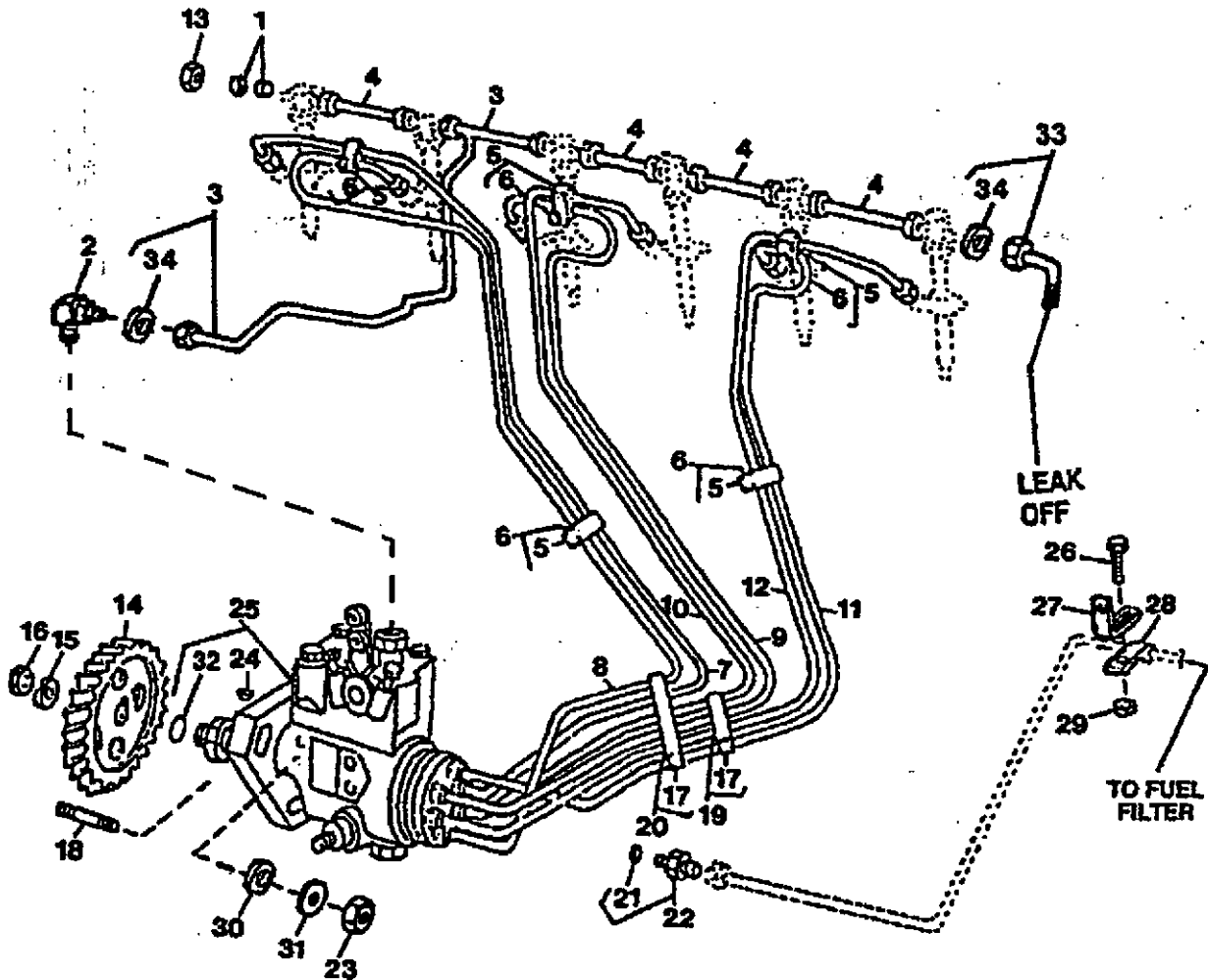
FUEL INJECTION SYSTEM (STANADYNE) (ESN 715740-)
(WITH TURBOCHARGER)
CODE 1614,1615,1619,1688,16CW,16CX,16CY,1696,16LS,16LT,16LU,12VOLT
CODE 1680,1681,1685,1686,1697,16NJ,- 24-VOLT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	2		
2	R123593	NUT	2		
3	RE70848	FUEL LINE	1		LEAK-OFF
4	RE68748	TUBE	4		
5	RE19797	CLAMP	3		
6	19M7300	CAP SCREW	3		M6 X 10
7	RE60055	FUEL LINE	1		NO. 1
8	RE60056	FUEL LINE	1		NO. 2
9	RE60057	FUEL LINE	1		NO. 3
10	RE60058	FUEL LINE	1		NO. 4
11	RE60059	FUEL LINE	1		NO. 5
12	RE60060	FUEL LINE	1		NO. 6
13	19M7865	SCREW	1		M8 X 16
14	R116116	BRACKET	1		
15	T14050	CLAMP	1		
16	14M7298	FLANGE NUT	1		M8
17	19M7300	CAP SCREW	3		M6 X 10
	19M7300	CAP SCREW	4		(CODE 1615,1686) M6 X 10
18	RE19797	CLAMP	1		BLACK, (SUB FOR RE19797)
	RE19797	CLAMP	2		(CODE 1615,1686) FUEL LINES 1-2, 5-6
	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	R116386	STUD	3		
25	26H10	SHAFT KEY	1		
26	RE67573	FUEL INJECTION PUMP	1		(A) (CODE 1619,16LU) 12 VOLT STANADYNE DB4
	RE67571	FUEL INJECTION PUMP	1		(A) (CODE1681)24-VOLT STANADYNE DB4
	RE67572	FUEL INJECTION PUMP	1		(A) (CODE 1686,16LS) 12 VOLT STANADYNE DB4
	RE60135	FUEL INJECTION PUMP	1		(A) (CODE 1685) 24 VOLT STANADYNE DB4
	RE501344	FUEL INJECTION PUMP	1		(A) (CODE 16CW) 12 VOLT STANADYNE DB4
	RE70390	FUEL INJECTION PUMP	1		(A) (CODE 16CX) 12 VOLT STANADYNE DB4 (WITH COLD ADVANCE START)
	RE501345	FUEL INJECTION PUMP	1		(A) (CODE 16CY) 12 VOLT STANADYNE DB4
	RE69789	FUEL INJECTION PUMP	1		(A) (CODE 1614) 12 VOLT STANADYNE DB4
	RE69790	FUEL INJECTION PUMP	1		(A) (CODE 1680) 24 VOLT STANADYNE DB4
	RE69787	FUEL INJECTION PUMP	1		(A) (CODE 1696) 12 VOLT STANADYNE DB4
	RE69788	FUEL INJECTION PUMP	1		(A) (CODE 1697) 24 VOLT STANADYNE DB4
	RE69792	FUEL INJECTION PUMP	1	781420-	(A) (CODE 1686) 24-VOLT STANADYNE DB4
	RE69791	FUEL INJECTION PUMP	1	780974-	(A) (CODE 1615,16LT) 12-VOLT STANADYNE DB4
	RE67571	FUEL INJECTION PUMP	1	-XXXXXX	(CODE 16NJ)24-VOLT STANADYNE DB4
	RE505358	FUEL INJECTION PUMP	1	XXXXXX-	(CODE 16NJ)24-VOLT STANADYNE DB4
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		(SUB FOR R48600)
29	R91360	NUT	1		
30	R67364	ELBOW FITTING	1		
31	T27860	WASHER	3		
32	12M7065	LOCK WASHER	3		8.100 MM
33	R502076	O-RING	1		(SUB FOR R89944)
34	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1D24

FUEL INJECTION SYSTEM
(WITH TURBOCHARGER)
(CODE 16CN)(12 VOLT STANADYNE DB4)
(CODE 16CM)(12 VOLT STANADYNE DB4)
TP62320 -UN-18JAN00



TP62320

1D25

ENGINE 4
FUEL INJECTION SYSTEM 0413

**FUEL INJECTION SYSTEM
(WITH TURBOCHARGER)
(CODE 16CN,16CM)(12 VOLT STANADYNE DB4)**

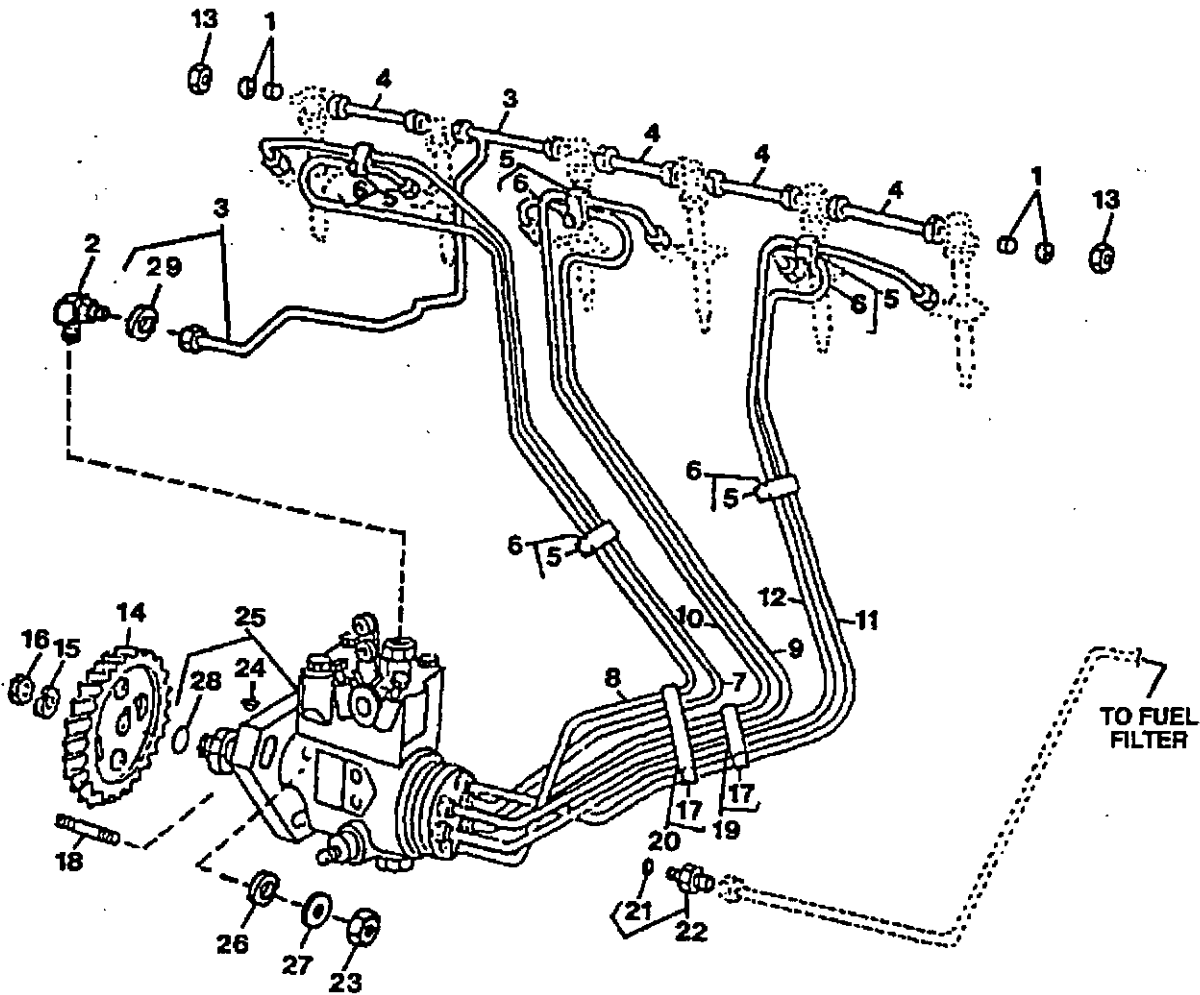
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	1		
2	R67364	ELBOW FITTING	1		
3	RE70848	FUEL LINE	1		LEAK OFF
4	RE68748	TUBE	4		
5	RE19797	CLAMP	5		
6	19M7923	CAP SCREW	5		M6 X 12
7	RE60055	FUEL LINE	1		NO. 1
8	RE60056	FUEL LINE	1		NO. 2
9	RE60057	FUEL LINE	1		NO. 3
10	RE60058	FUEL LINE	1		NO. 4
11	RE60059	FUEL LINE	1		NO. 5
12	RE60060	FUEL LINE	1		NO. 6
13	RT23593	NUT	1		
14	R132267	GEAR	1		(60 TEETH)
15	R132874	WASHER	1		
16	R91360	NUT	1		
17	19M7923	CAP SCREW	2		M6 X 12
18	R116386	STUD	3		
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	26H10	SHAFT KEY	1		
25	RE501522	FUEL INJECTION PUMP	1		(A) (7"-10" GOVERNOR) CODE 16CN
	RE502693	FUEL INJECTION PUMP	1		(A) (STANDARD GOVERNOR) CODE 16CM
26	19M7865	SCREW	1		M8 X 16
27	R116116	BRACKET	1		
28	T14050	CLAMP	1		
29	14M7298	FLANGE NUT	1		M8
30	T27860	WASHER	3		
31	12M7065	LOCK WASHER	3		
32	R502076	O-RING	1		(SUB FOR R89944)
33	RE16142	FUEL LINE	1		
34	R51936	PACKING	3		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1E1

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
(WITH TURBOCHARGER)
CODE 16CP,16DY,16GN,16MG,16MH,16ML,16MM STAN DYNE DB4
TP62321 -UN-10JAN00



TP62321

**FUEL INJECTION SYSTEM
(WITH TURBOCHARGER)
(CODE 16CP,16DY,16GN,16MG,16MH,16ML,16MM) STANADYNE DB4**

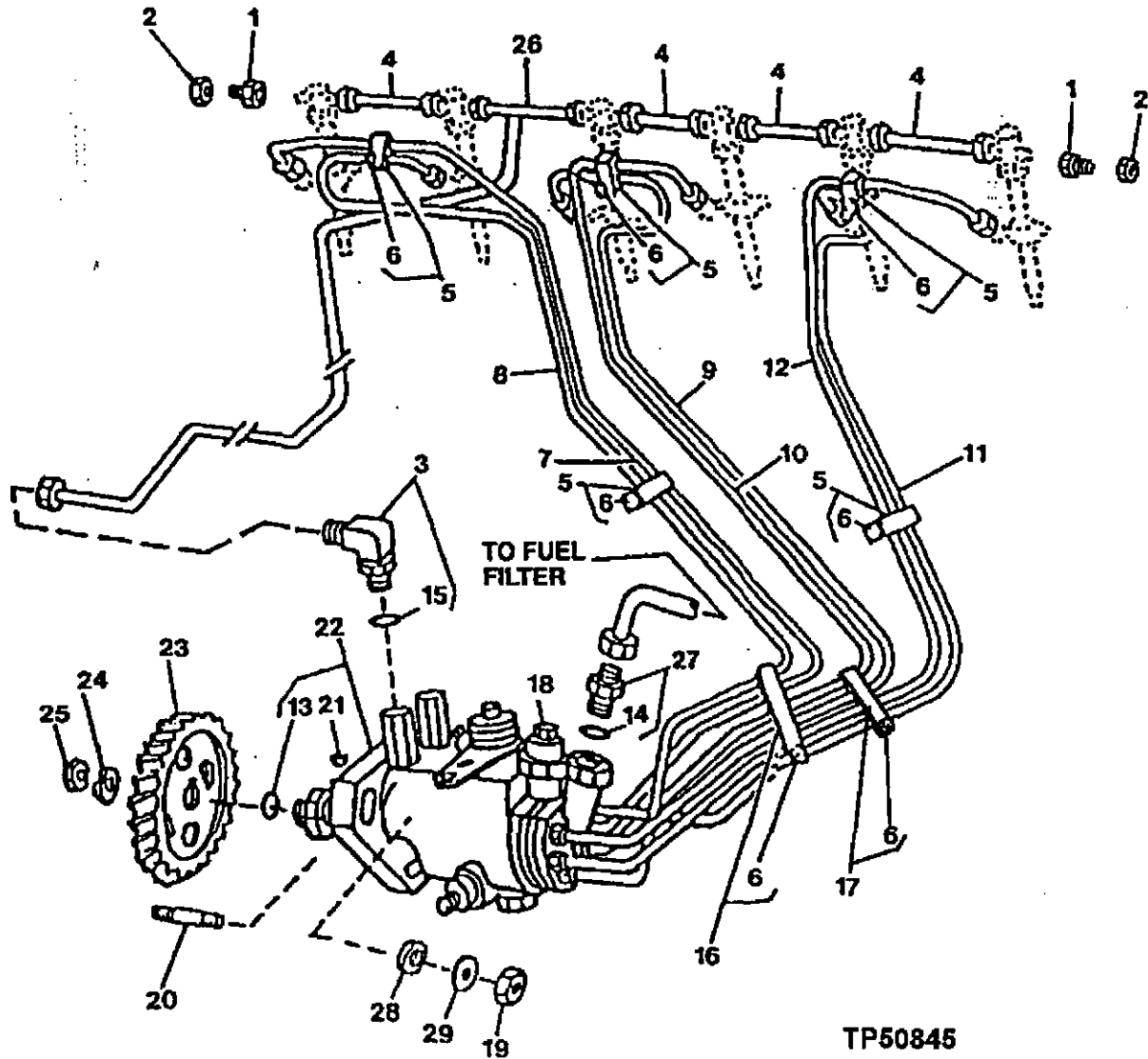
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R123593	NUT	2		
2	R67364	ELBOW FITTING	1		
3	RE70848	FUEL LINE	1		LEAK OFF
4	RE68748	TUBE	4		
5	RE19797	CLAMP	5		
6	19M7923	CAP SCREW	5		M6 X 12
7	RE60055	FUEL LINE	1		NO. 1
8	RE60056	FUEL LINE	1		NO. 2
9	RE60057	FUEL LINE	1		NO. 3
10	RE60058	FUEL LINE	1		NO. 4
11	RE60059	FUEL LINE	1		NO. 5
12	RE60060	FUEL LINE	1		NO. 6
13	AR85519	PLUG	2		LEAK OFF
14	R132267	GEAR	1		(60 TEETH)
15	R132874	WASHER	1		
16	R91360	NUT	1		
17	19M7923	CAP SCREW	2		M6 X 12
18	R116386	STUD	3		
19	RE19799	CLAMP	1		
20	RE19800	CLAMP	1		
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	26H10	SHAFT KEY	1		
25	RE501523	FUEL INJECTION PUMP	1		(A) (CODE 16CP) 12 VOLT STANADYNE DB4 (7°-9° GOVERNOR)
	RE501758	FUEL INJECTION PUMP	1		(A) (CODE 16DY) 24 VOLT STANADYNE DB4
	RE502704	FUEL INJECTION PUMP	1		(A) (CODE 16GN) 12VOLT STANADYNE DB4
	RE504687	FUEL INJECTION PUMP	1		(A) (CODE 16MG)12 VOLT DB4
	RE504688	FUEL INJECTION PUMP	1		(A) (CODE 16MH) 24 VOLT DB4
	RE503746	FUEL INJECTION PUMP	1		(A) (CODE 16ML)DB4 12 VOLT
	RE505049	FUEL INJECTION PUMP	1		(A) (CODE 16MM) DB4 12 VOLT
26	T27860	WASHER	3		
27	12M7065	LOCK WASHER	3		
28	R502076	O-RING	1		53 MM
29	R51936	PACKING	2		

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1E3

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
(CODE 16BE - DP201 LUCAS)
(ENGINE SERIAL NO. -777166)
TP50845 -UN-23JUL98



1E4

ENGINE 4
FUEL INJECTION SYSTEM 0413

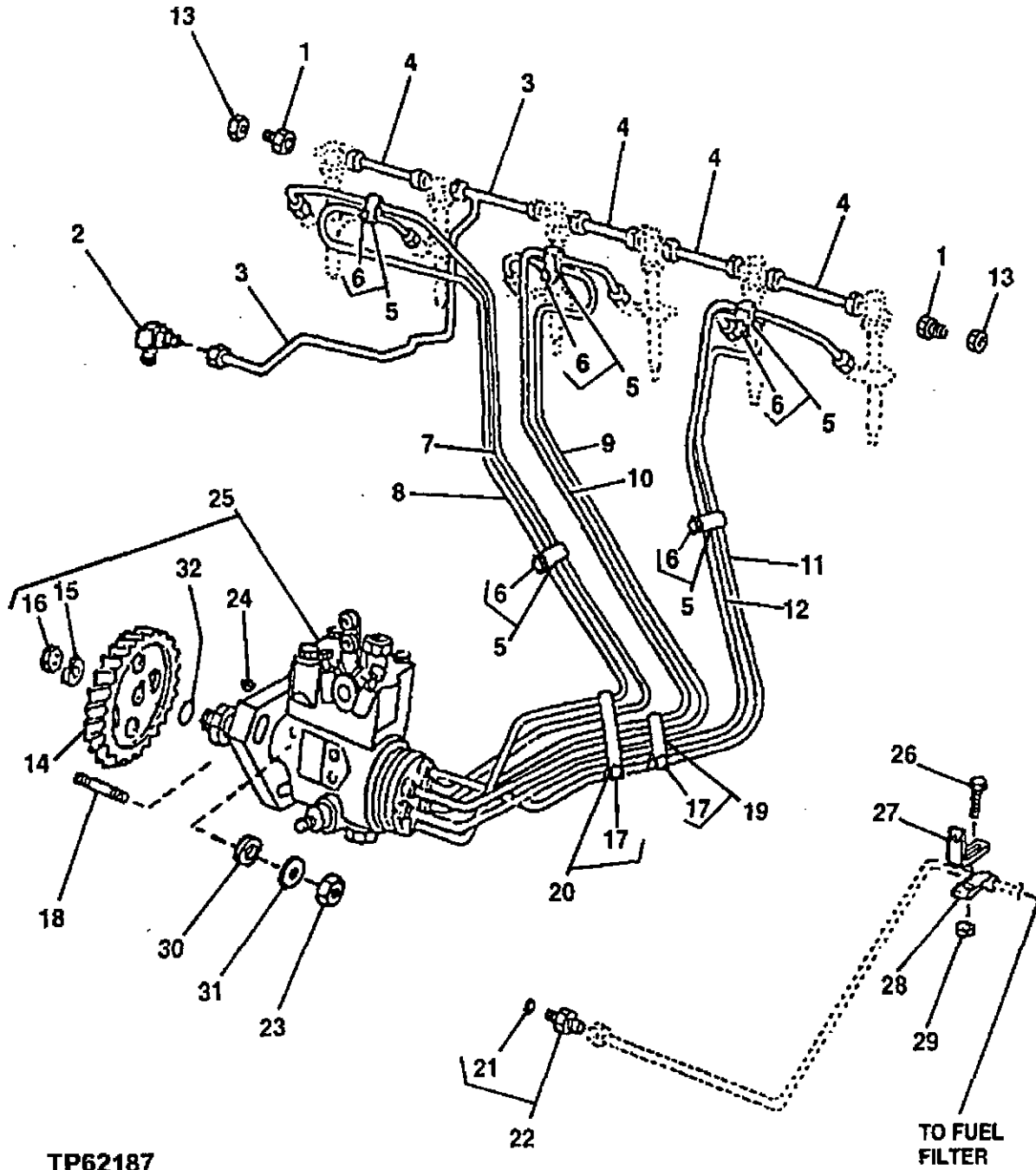
FUEL INJECTION SYSTEM
(CODE 16BE - DP201 LUCAS)
(ENGINE SERIAL NO. -777166)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	2		
2	R123593	NUT	2		
3	RE502173	FITTING	1		
4	RE68748	TUBE	4		
5	RE19797	CLAMP	4		(FUEL LINE NO. 1-2, 3-4, 5-6)
6	19M7923	CAP SCREW	6		M6 X 12
7	RE60049	FUEL LINE	1		NO. 1
8	RE60050	FUEL LINE	1		NO. 2
9	RE60051	FUEL LINE	1		NO. 3
10	RE60052	FUEL LINE	1		NO. 4
11	RE60053	FUEL LINE	1		NO. 5
12	RE60054	FUEL LINE	1		NO. 6
13	R128799	O-RING	1		
14	51M7040	O-RING	1		9.300 X 2.200 MM
15	51M7039	O-RING	1		8.100 X 1.600 MM
16	RE19800	CLAMP	1		(FUEL LINE NO. 1,2,3,4,5,6)
17	RE19799	CLAMP	1		(FUEL LINE. NO. 3-6)
18	RE54064	SOLENOID	1		SHUT-OFF
19	14M7273	NUT	3		M8
20	R116386	STUD	3		
21	26H10	SHAFT KEY	1		5/32" X 5/8"
22	RE63559	FUEL INJECTION PUMP	1		(A) DP201 LUCAS
23	R132267	GEAR	1		(60 TEETH)
24	R132874	WASHER	1		
25	R91360	NUT	1		
26	RE68899	FUEL LINE	1		LEAK-OFF
27	RE60029	FITTING	1		
28	T27860	WASHER	3		
29	12M7065	LOCK WASHER	3		8.100 MM

(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1E5

FUEL INJECTION SYSTEM
(CODE 16BE - 12 VOLT STANADYNE DB4)
(CODE 16KK - 12 VOLT STANADYNE DB4)
TP62187 -UN-01SEP98



TP62187

1E6

ENGINE 4

FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
(CODE 16BE - 12 VOLT STANADYNE DB4)
(ENGINE SERIAL NO.777167-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR85519	PLUG	2		
2	R67364	ELBOW FITTING	1		
3	RE70848	FUEL LINE	1		LEAK OFF
4	RE68748	TUBE	4		
5	RE19797	CLAMP	5		(FUEL LINE NO. 1-2,3-4,5-6)
6	19M7923	CAP SCREW	5		M6 X 12
7	RE60055	FUEL LINE	1		NO. 1
8	RE60056	FUEL LINE	1		NO. 2
9	RE60057	FUEL LINE	1		NO. 3
10	RE60058	FUEL LINE	1		NO. 4
11	RE60059	FUEL LINE	1		NO. 5
12	RE60060	FUEL LINE	1		NO. 6
13	R123593	NUT	2		
14	R132267	GEAR	1		(60 TEETH)
15	R132874	WASHER	1		
16	R91360	NUT	1		
17	19M7923	CAP SCREW	2		M6 X 12
18	R116386	STUD	3		
19	RE19799	CLAMP	1		(FUEL LINE NO. 3-6)
20	RE19800	CLAMP	1		(FUEL LINE NO. 1,2,3,4,5,6)
21	51M7040	O-RING	1		9.300 X 2.200 MM
22	RE60029	FITTING	1		
23	14M7273	NUT	3		M8
24	26H10	SHAFT KEY	1		
25	RE501302	FUEL INJECTION PUMP	1		(A) (A) (12-VOLT STANADYNE DB4)(CODE 16BE)
	RE502694	FUEL INJECTION PUMP	1		(A) (A) (12-VOLT STANADYNE DB4)(CODE 16KK)
26	19M7865	SCREW	1		M8 X 16
27	R116116	BRACKET	1		
28	T14050	CLAMP	1		
29	14M7298	FLANGE NUT	1		M8
30	T27860	WASHER	3		
31	12M7065	LOCK WASHER	3		
32	R502076	O-RING	1		(SUB FOR R89944)

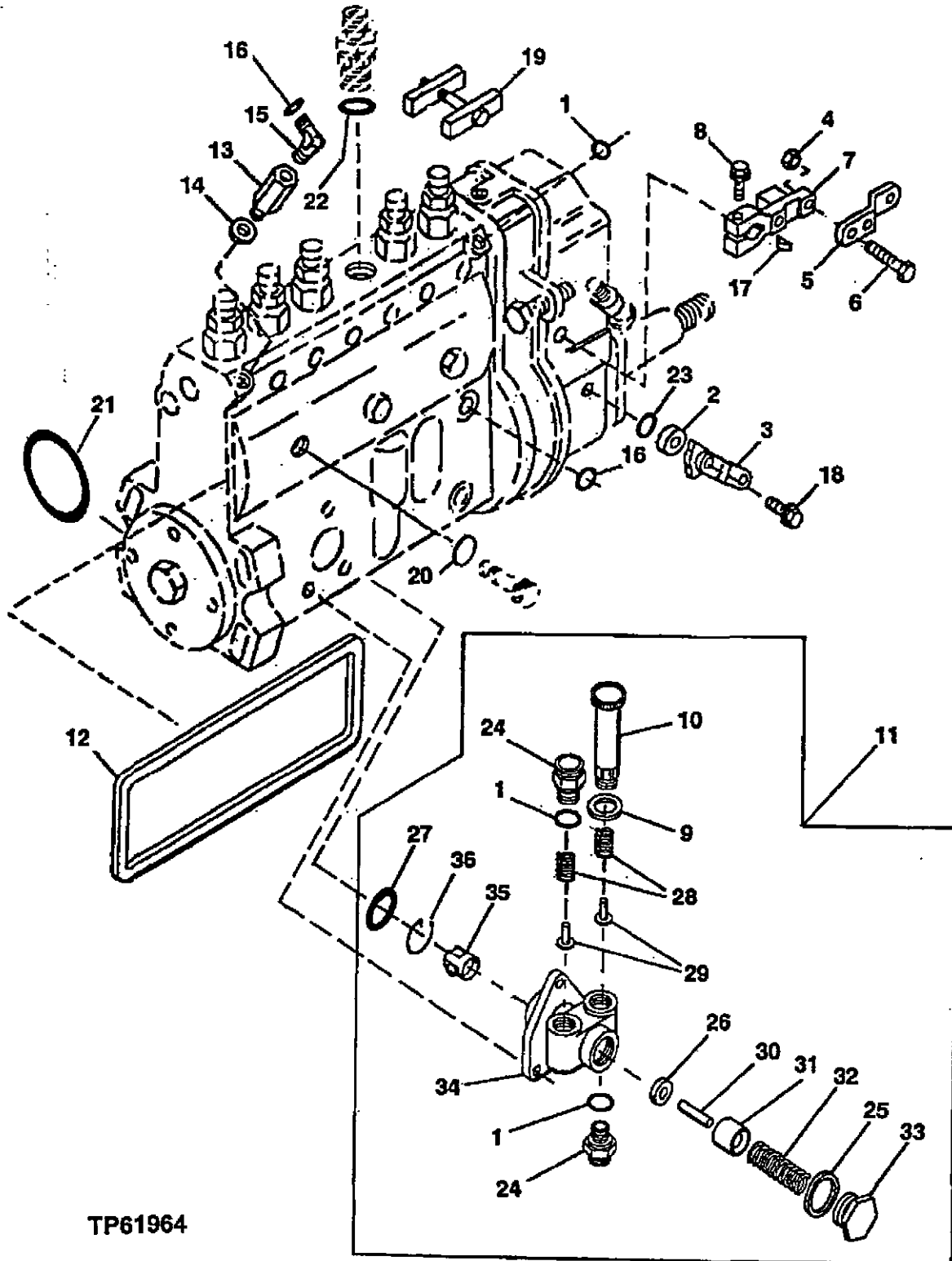
(A) SEE YOUR AUTHORIZED PUMP REPAIR STATION FOR INTERNAL PARTS

1E7

FUEL INJECTION PUMP LEVERS AND TRANSFER PUMP (NIPPONDENSO)

D'INJECTION
EINSPRITZ
D'INIEZIONE
DE INYECCION
INSPRUTNING

TP61964 -UN-23AUG99



TP61964

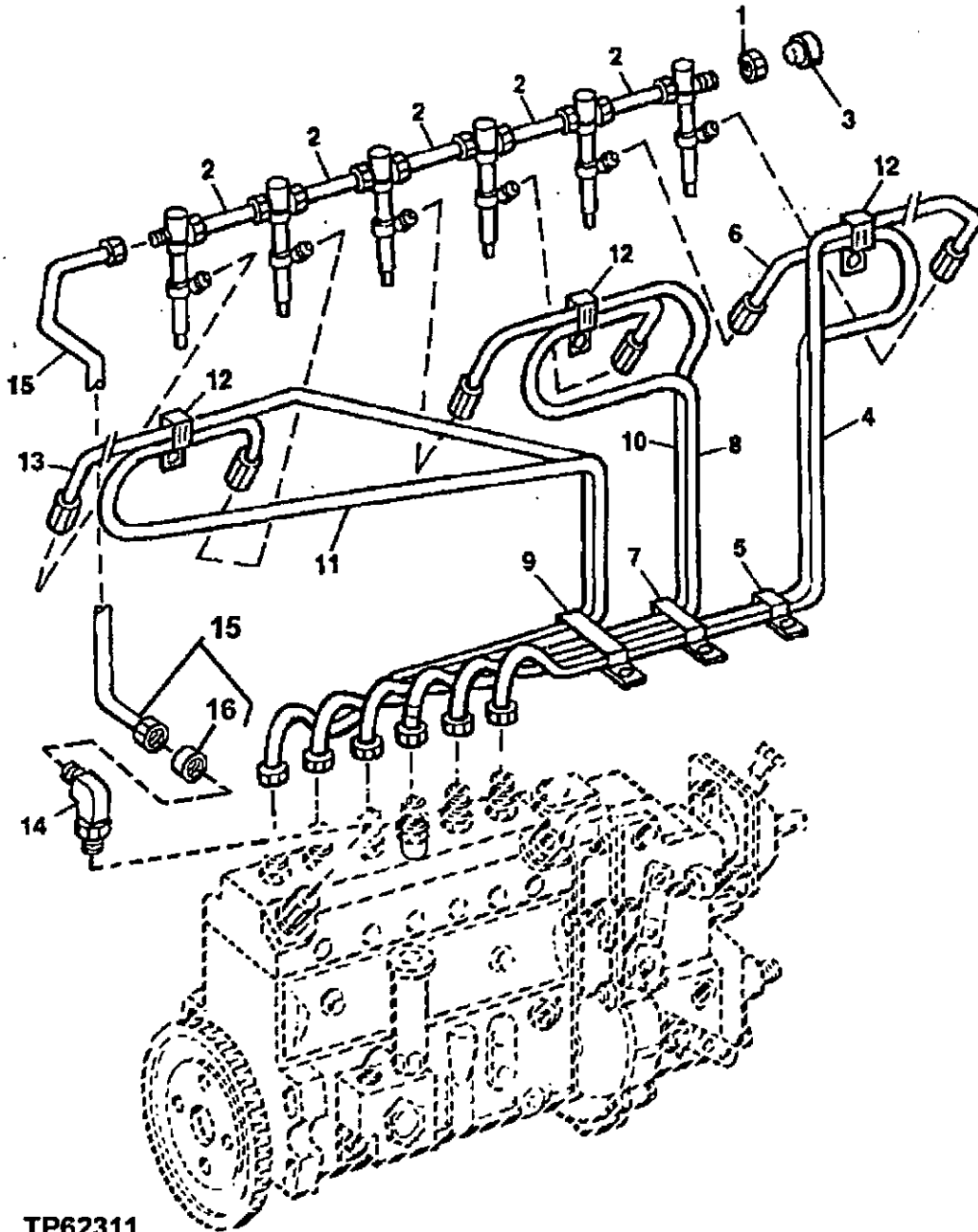
FUEL INJECTION PUMP LEVERS AND TRANSFER PUMP (NIPPONDENSO)
(CODE 1622,1623,1668 12-VOLT NIPPONDENSO)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	51M7041	O-RING	3		11.300 X 2.200 MM
2	R64995	RETAINER	1		
3	R135163	LEVER	1		SHUT-OFF
4	R64989	LOCK NUT	1		
5	R135874	LEVER	1		THROTTLE
6	R65437	CAP SCREW	1		
7	R64967	CONTROL LEVER	1		
8	R64969	SCREW	1		
9	R64854	WASHER	1		
10	RE500376	HAND PRIMER	1		
11	RE500375	FUEL PUMP	1		TRANSFER PUMP
12	R500220	GASKET	1		
13	RE500374	CONTROL VALVE	1		
14	R64857	WASHER	1		
15	RE60185	ELBOW FITTING	1		
16	51M7039	O-RING	2		
17	R64968	SHAFT KEY	1		
18	R73885	SCREW	1		
19	R77536	JAW	1		CLAMPING
20	R78773	PACKING	1		
21	R73864	O-RING	1		
22	R73821	O-RING	6		
23	R64997	O-RING	1		
24	RE60031	FITTING	2		
25	R64861	WASHER	1		
26	R502362	SEAL	1		
27	R64927	O-RING	1		
28	.....	SPRING	2		
29	.....	VALVE	2		
30	.....	SPINDLE	1		
31	.....	PLUNGER	1		
32	.....	SPRING	1		
33	.....	PIPE PLUG	1		
34	.....	HOUSING	1		
35	.....	ROLLER	1		
36	.....	SNAP RING	1		

1E9

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM-CODE 1622,1623,1668 12VOLT NIPPONDENSO
D'INJECTION
EINSPRITZ
D'INIEZIONE
DE INYECCION
INSPRUTNING
TP62311 -UN-11JAN00



TP62311

1E10

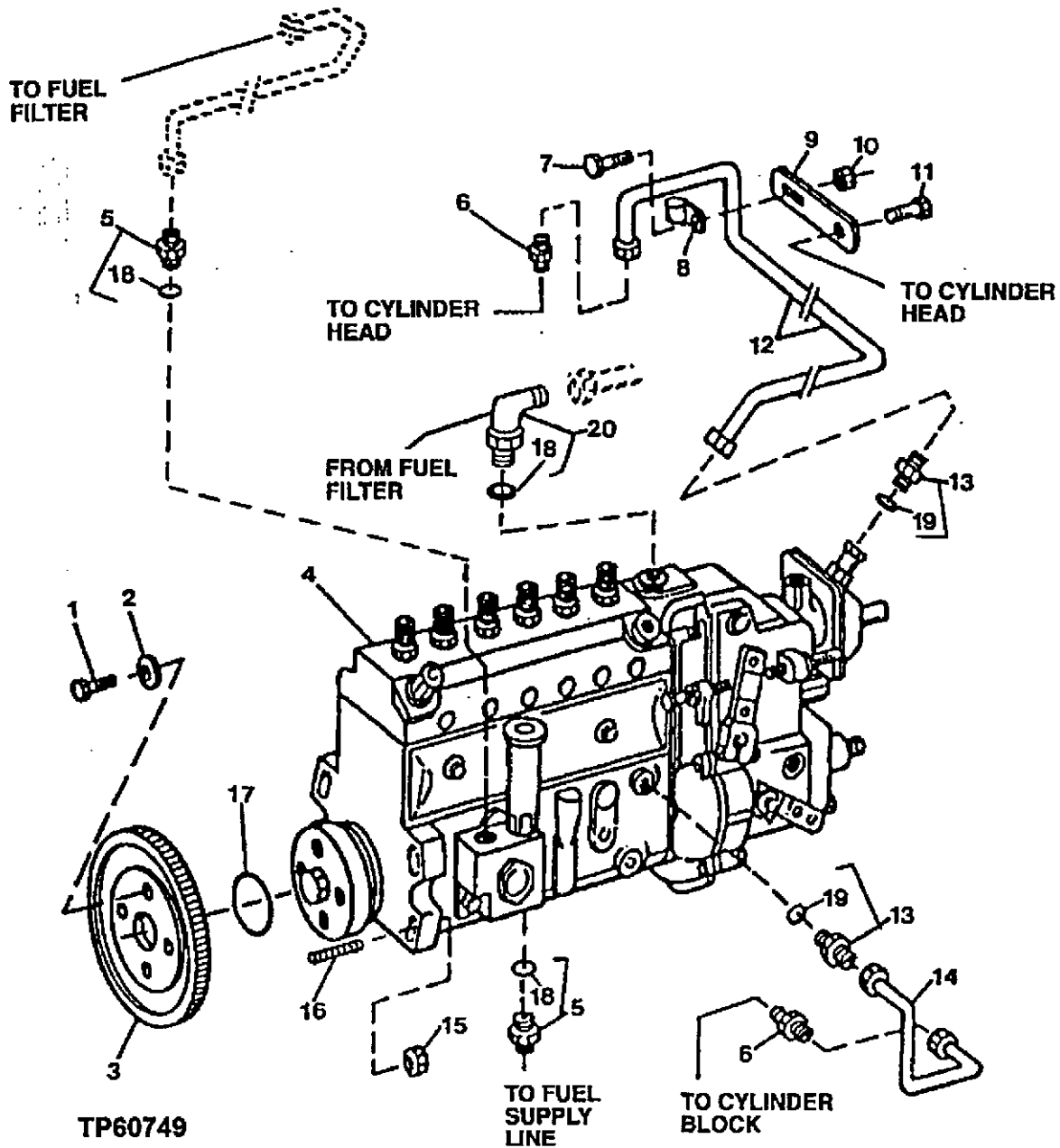
ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION SYSTEM
CODE 1622,1623, 1668 12-VOLT NIPPONDENSO

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R123593	NUT	1		
2	RE68748	TUBE	5		
3	AR85519	PLUG	1		
4	RE59917	FUEL LINE	1		NO.6
5	RE19797	CLAMP	2		(FUEL INJECTION LINES 1-2, 5-6) (SUB FOR RE19798)
6	RE59916	FUEL LINE	1		NO.5
7	RE19800	CLAMP	1		(FUEL INJECTION LINE 1,2,3,4,5,6)
8	RE59915	FUEL LINE	1		NO. 4
9	RE19799	CLAMP	2		(FUEL INJECTION LINES 3,4,5,6 AND 1,2,3,4)
10	RE59914	FUEL LINE	1		NO. 3
11	RE59913	FUEL LINE	1		NO. 2
12	RE19797	CLAMP	3		(FUEL INJECTION LINES 1-2, 3-4, 5-6)
13	RE59912	FUEL LINE	1		NO.1
14	RE502173	FITTING	1		(SUB FOR RE60185)
15	RE60175	FUEL LINE	1		LEAK-OFF
16	R51936	PACKING	2		

1E11

FUEL INJECTION PUMP/LUBE ANEROID LINE (NIPPONDENSO) CODE 1622, 1623, 1668
POMPE D'INJECTION/CONDUITE D'HUILE
EINSPRITZPUMPE/OELLEITUNG
POMPA D'INIEZIONE/TUBAZIONE DELL'OLIO
BOMBA DEL INYECCION/TUBERIA DE ACEITE
INSPRUTNINGSPUMPE/OLJELEDNING
TP60749 -UN-11SEP98



1E12

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION PUMP,LUBE,ANEROID LINE
NIPPONDENSO
CODE 1622, 1623, 1668

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H3336	CAP SCREW	4		3/8" X 7/8"
2	R63845	WASHER	4		
3	R500084	GEAR	1		(60 TEETH) (SUB FOR R126305)
4	RE59969	FUEL INJECTION PUMP	1		CODE 1668 (NIPPONDENSO 12-VOLT)
	RE59521	FUEL INJECTION PUMP	1		CODE 1622 (NIPPONDENSO-12-VOLT)
	RE66761	FUEL INJECTION PUMP	1		CODE 1623 (NIPPONDENSO 12-VOLT)
5	RE60031	FITTING	2		
6	R63604	FITTING	2		CODE 1622 AND 1668
7	19M7865	SCREW	1	-XXXXXX	CODE 1622 AND 1668 (M8 X 16)
8	T74410	CLAMP	1	-XXXXXX	CODE 1622 AND 1668
9	R56588	STRAP	1	-XXXXXX	CODE 1622 AND 1668
10	14M7298	FLANGE NUT	1	-XXXXXX	CODE 1622 AND 1668 (M8)
11	19M7783	SCREW	1	-XXXXXX	CODE 1622 AND 1668 (M10 X 16)
12	RE60194	ANEROID LINE	1	-XXXXXX	CODE 1622 AND 1668
	RE70285	LINE	1	XXXXXX-	
13	RE60028	FITTING	2		
14	RE60064	OIL LINE	1		LUBE
15	14M7274	NUT	4		M10
16	R134212	STUD	4		
17	R73864	O-RING	1		
18	51M7041	O-RING	3		11.300 X 2.200 MM
19	51M7039	O-RING	2		8.100 X 1.600 MM
20	RE502174	ELBOW FITTING	1		

1E13

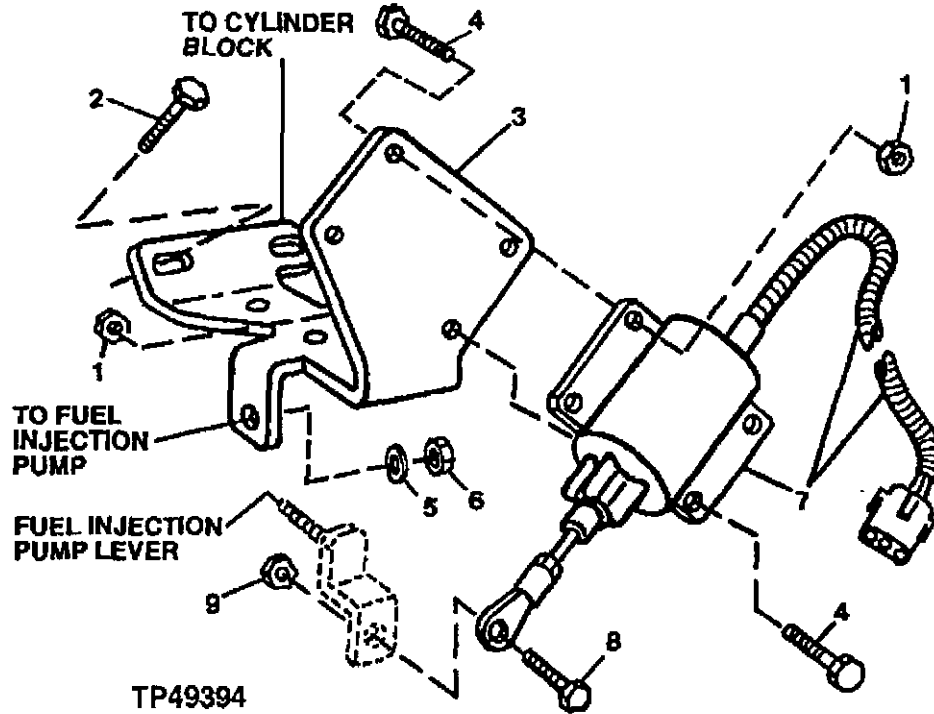
ENGINE 4
FUEL INJECTION SYSTEM 0413

MEMORANDUM

1E14

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION PUMP SOLENOID SHUT-OFF-CODE1622,1623,1668
 POMPE D'INJECTION SOLENOID ROBINET DE ARRET
 EINSPIRIT PUMPE MAGNETSCHALTER ABSPERRHAHN
 POMPA D'INIEZIONE SOLENOIDE RUBINETTO D'ARRESTO
 BOMBA DE INYECCION SOLENOIDE GRIFO DE CIERRE
 INSPRUTNINGSPUMPE SOLENOID AVSTAENGNINGKRAN
 TP49394 -UN-17APR96

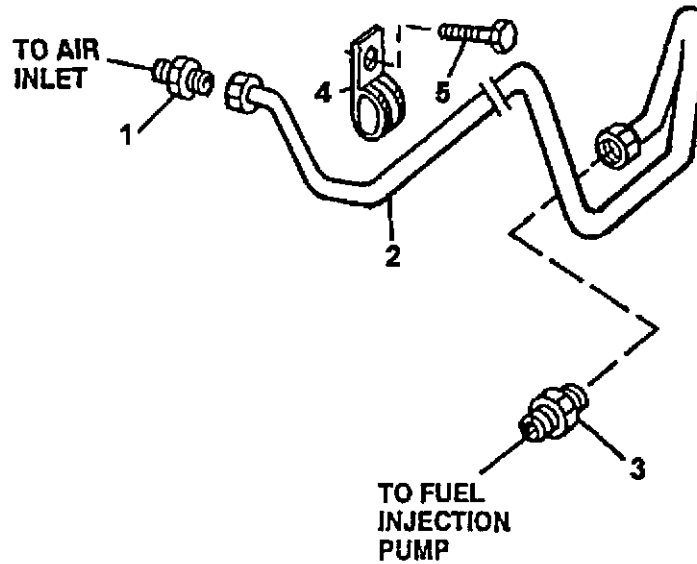


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	14M7303	FLANGE NUT	4	M6	
2	19M7784	SCREW	1	M10 X 20	
3	R132901	BRACKET	1		
4	19M7862	SCREW	4	M6 X 20	
5	24M7213	WASHER	1	10.500 X 25 X 4 MM	
6	14M7444	NUT	1	M10	
7	RE502473	SOLENOID	1	(SUB FOR RE67325)	
8	.....	CAP SCREW	1		
9	.....	NUT	1		

1E15

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION PUMP ANEROID LINE (CODE 1615,1621,1686,160D) (ESN -722906)
 D'INJECTION REGULATEUR DE TENSION CONDUITE COMBUSTIBLE
 EINSPRITZ SPANNUNGSREGLER KRAFTSTOFFLEITUNG
 D'INIEZIONE REGOLATORE DI TENSIONE TUAZIONE DEL COMB.
 DE INYECCION REGULADOR DE VOLTAJE TUBERIA DE COMB.
 INSPRUTNING SPAENNINGREGULATOR BRAENSLEELEDNING
 TP50849 -UN-03JUN98



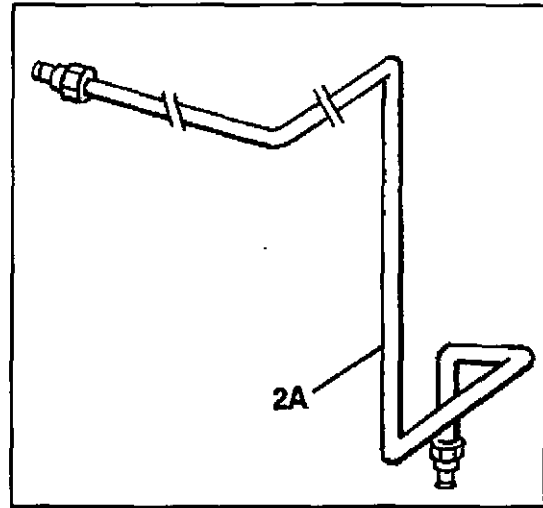
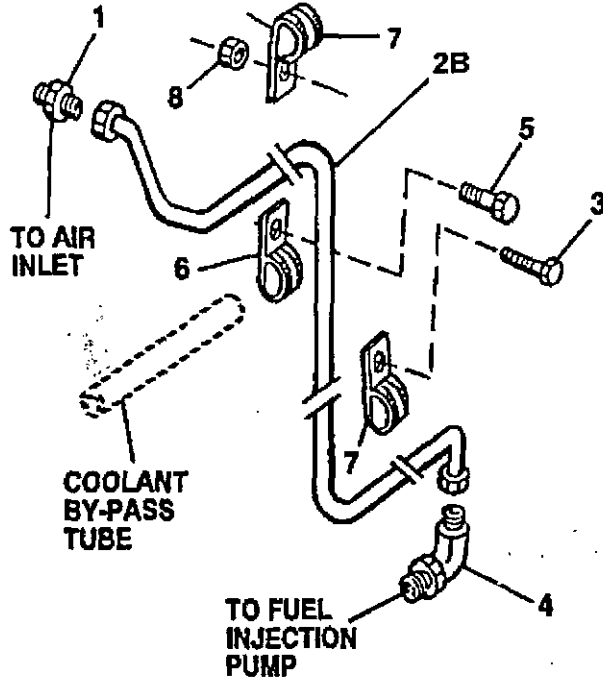
TP50849

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE60028	FITTING	1		
2	RE60009	FUEL LINE	1		
3	RE60028	FITTING	1		
4	T74410	CLAMP	1		
5	19M7783	SCREW	1	M10 X 16	

1E16

ENGINE 4
FUEL INJECTION SYSTEM 0413

FUEL INJECTION PUMP ANEROID LINE (CODE 1621,160D)
 D'INJECTION REGULATEUR DE TENSION CONDUITE COMBUSTIBLE
 EINSPRITZ SPANNUNGSREGLER KRAFTSTOFFLEITUNG
 D'INIEZIONE REGOLATORE DI TENSIONE TUAZIONE DEL COMB.
 DE INYECCION REGULADOR DE VOLTAJE TUBERIA DE COMB.
 INSPRUTNING SPAENNINGSREGULATOR BRAENSLEELEDNING
 TP61771 -UN-06NOV98



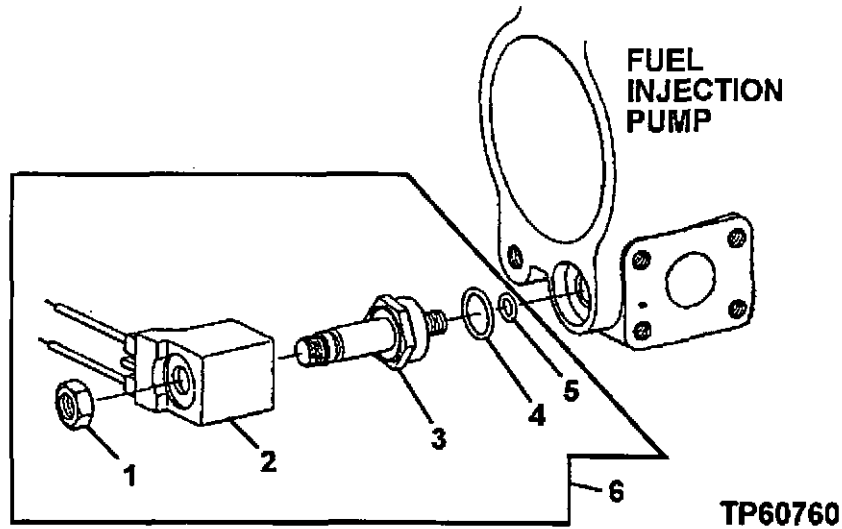
TP61771

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE60028	FITTING	1		
2A	RE70217	FUEL LINE	1	-722906	
2B	RE502670	FUEL LINE	1	722907-	
3	19M7783	SCREW	1		M10 X 16
4	RE502173	FITTING	1		(SUB FOR RE60185)
5	19M7865	SCREW	1		M8 X 16
6	R123324	CLAMP	1		
7	T74410	CLAMP	2		
8	14M7298	FLANGE NUT	1		M8

1E17

ENGINE 4
FUEL INJECTION SYSTEM 0413

COLD START ADVANCE KIT
FOR ENGINES EQUIPPED WITH STANADYNE DB2 AND DB4 INJECTION PUMPS WITH COLD START ADVANCE CAPABILITY
TP60760 -UN-24SEP98

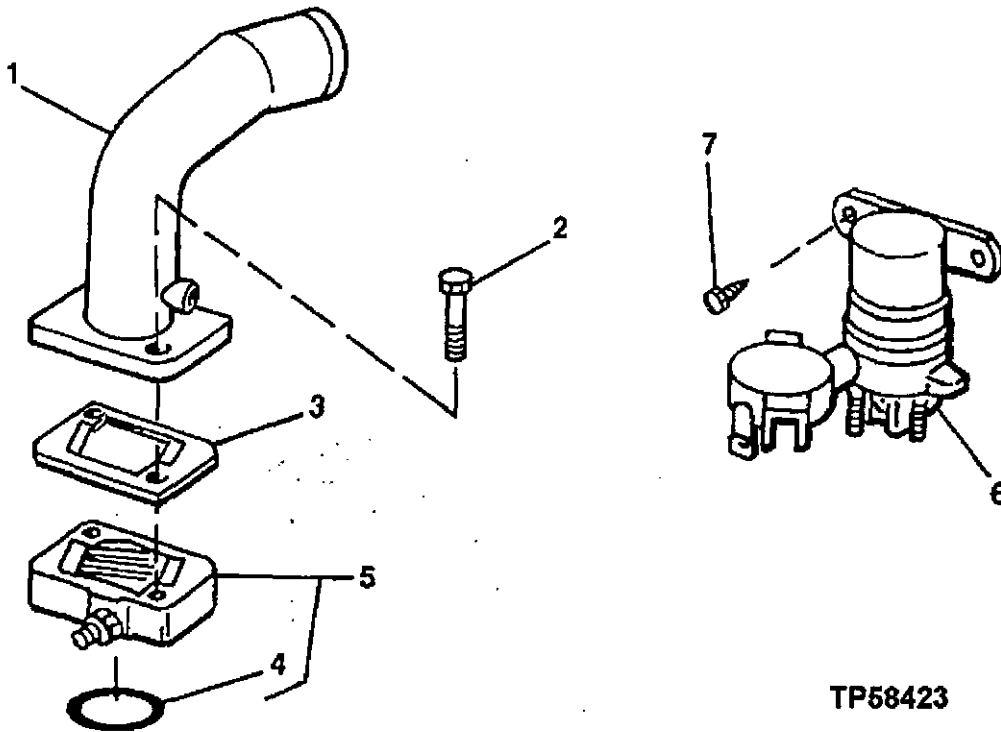


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R502819	NUT	1		
2	R601517	STEEL	1		COIL ASSEMBLY
3	R501516	VALVE	1		
4	R501519	SEAL	1		
5	R77551	O-RING	1		5.280 X 1.778 MM (0.208" X 0.070")
6	RE502747	KIT	1		COLD ADVANCE

1E18

ENGINE 4
INTAKE MANIFOLD 0414

AIR INLET HEATER FOR USE WITH LUCAS INJECTION PUMP
(CODE 4311)
TP58423 -UN-18MAR99



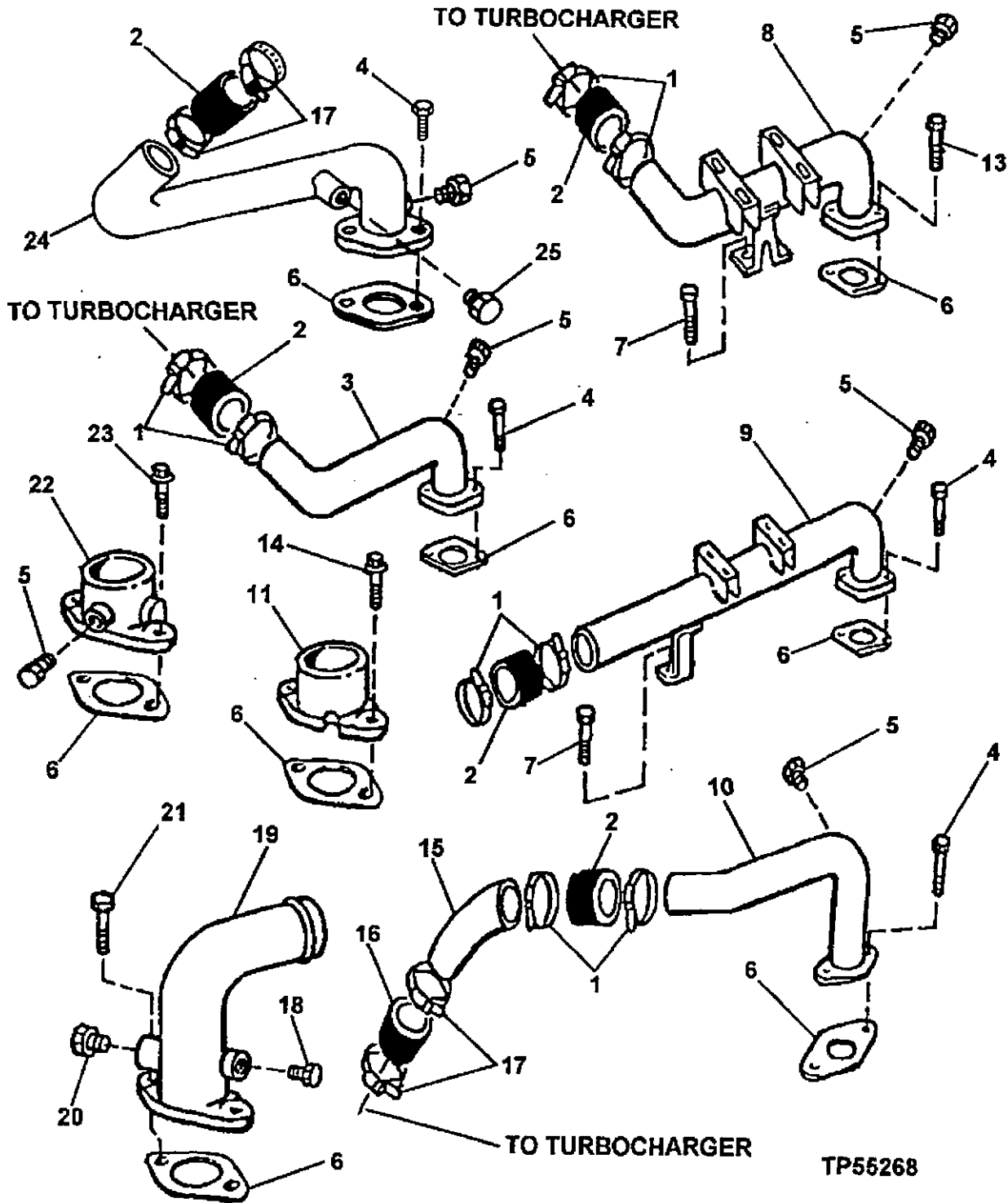
TP58423

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70731	TUBE	1		
2	19M8292	SCREW	2	M10 X 50	
3	R133893	GASKET	1		
4	R501459	GASKET	1		
5	RE502668	HEATER	1		
6	AT141011	RELAY	1	12-VOLT	
7	.....	SCREW	2		

1E19

ENGINE 4
INTAKE MANIFOLD 0414

AIR INLET 1704,1705,1706,1707,1713,1716,1724,1729
(ENGINE SERIAL # -XXXXXX)
COLLECTEUR D'ADMISSION
EINLASSKRUEMMER
COLLETORE D'ASPIRAZIONE
COLECTOR DE ADMICION DE AIRE
TP55268 -UN-26JAN98



TP55268

1E20

ENGINE 4
INTAKE MANIFOLD 0414

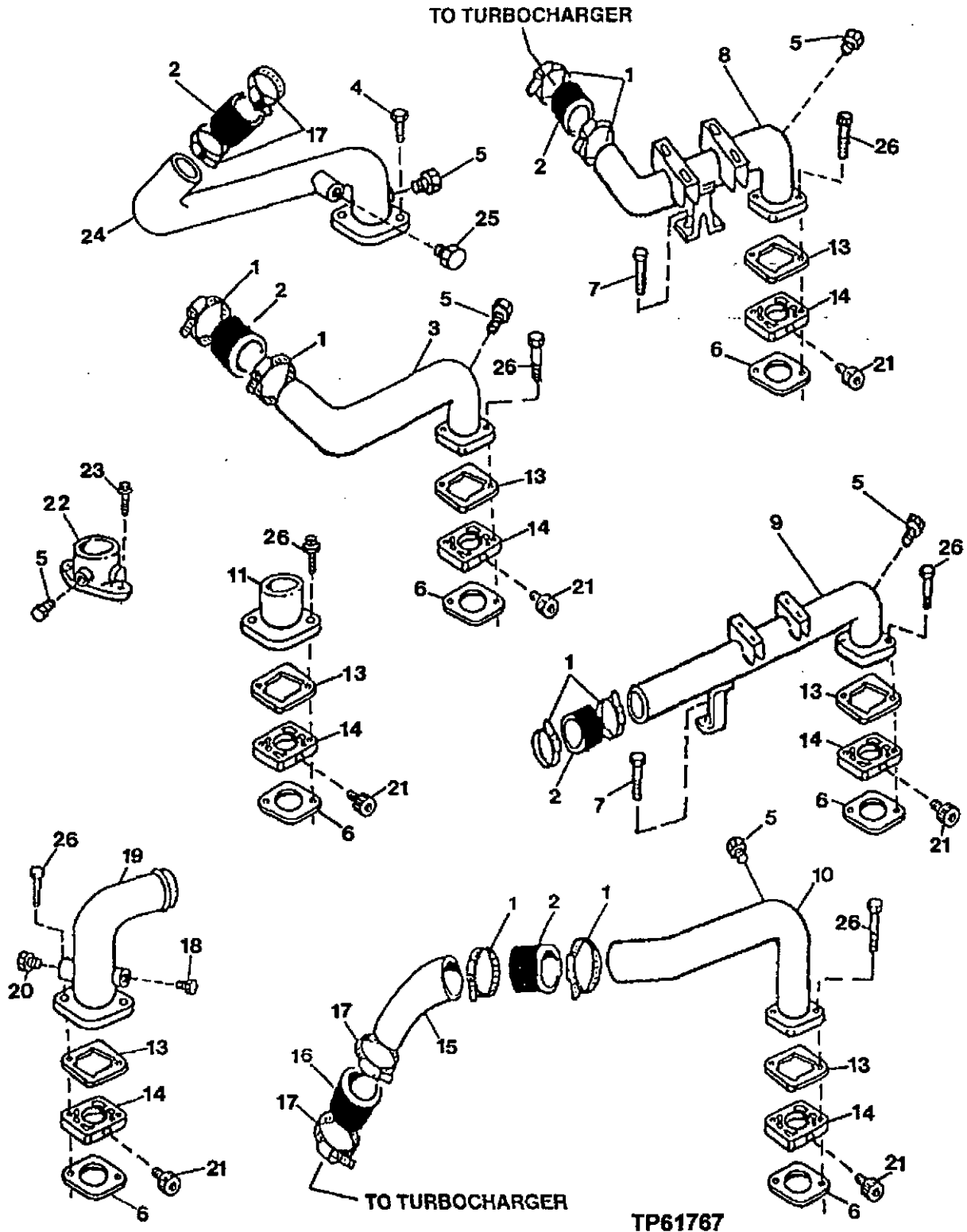
AIR INLET
(ENGINE SERIAL # -XXXXXX)
CODE 1704, 1705, 1706, 1707, 1713, 1716
1724 AND 1729

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R110531	CLAMP	2		(CODE 1704, 1706, 1707, 1713) (SUB FOR AR65294, THIS APPLICATION)
2	R56551	HOSE	1		(CODE 1704, 1706, 1707, 1713, 1729)
3	RE59469	AIR INTAKE	1		(CODE 1706)
4	19M7785	SCREW	2		M10 X 25, (CODE 1704, 1706, 1713, 1729)
5	RE502903	PLUG	1		(SUB FOR RE60071, THIS APPLICATION) (CODE 1704, 1706, 1707, 1713, 1716, 1729)
6	R81275	GASKET	1		
7	19M7784	SCREW	1		M10 X 20, (CODE 1707, 1713)
8	RE64104	AIR INTAKE	1		(SUB RE501891) (CODE 1707)
9	RE65380	AIR INTAKE	1		(SUB RE501902) (CODE 1713)
10	RE59970	AIR INTAKE	1		(CODE 1704)
11	R123569	AIR INTAKE	1		(CODE 1705)
12	R110531	CLAMP	1		(CODE 1704) (SUB FOR AR65294, THIS APPLICATION)
13	19M7785	SCREW	2		(CODE 1704)
14	R500394	SCREW	2		(CODE 1705) (SUB FOR (2) 19M7835)
15	T30202	LINE	1		(CODE 1705, 1716)
16	R56551	HOSE	1		(CODE 1704)
17	R110531	CLAMP	2		(CODE 1704, 1729) (SUB FOR AR65294, THIS APPLICATION)
18	RE502903	FITTING	1		(SUB FOR RE60071, THIS APPLICATION) (CODE 1724)
19	RE70723	AIR INTAKE	1		(SUB RE501895) (CODE 1724)
20	RE46684	PLUG	1		(CODE 1724)
21	19M7786	SCREW	2		M10 X 30, (CODE 1724)
22	R133187	INTAKE MANIFOLD	1		(CODE 1716)
23	R500394	SCREW	2		(CODE 1716)
24	RE501340	INTAKE MANIFOLD	1		(CODE 1729)
25	T27986	FITTING	1		(CODE 1729)

1E21

ENGINE 4
INTAKE MANIFOLD 0414

AIR INLET W/SPACER 1704,1705,1706,1707,1713,1716,1724,1729
COLLECTEUR D'ADMISSION
EINLASSKRUEMMER
COLLETORE D'ASPIRAZIONE
COLECTOR DE ADMISION DE AIRE
(ENGINE SERIAL # XXXXXX-)
TP61767 -UN-27OCT98



TP61767

1E22

ENGINE 4
INTAKE MANIFOLD 0414

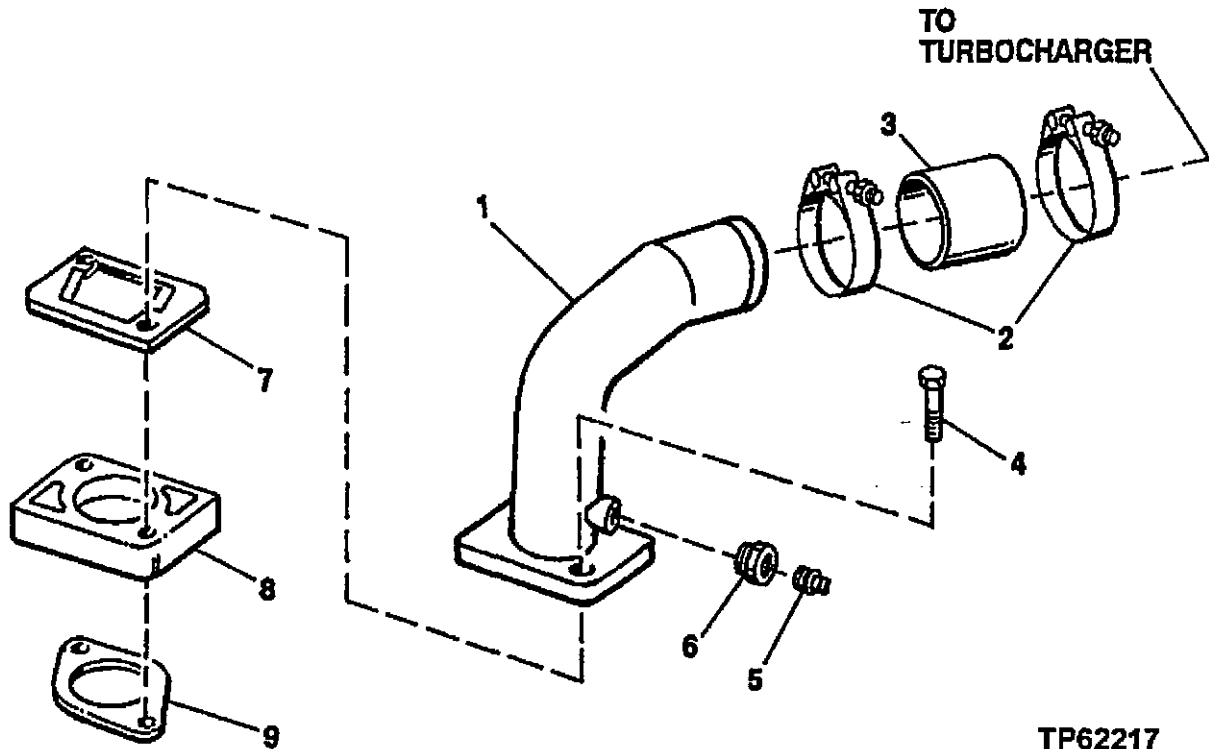
AIR INLET WITH AIR HEATER SPACER
CODE 1704, 1705, 1706, 1707, 1713, 1716
1724 AND 1729
(ENGINE SERIAL # XXXXXX-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R110531	CLAMP	2		(CODE 1704, 1706, 1707, 1713)
2	R56551	HOSE	1		(CODE 1704, 1706, 1707, 1713, 1729)
3	RE501893	AIR INTAKE	1		(CODE 1706)
4	19M7785	SCREW	2		M10 X 25, (CODE 1704, 1706, 1713, 1729)
5	RE502903	PLUG	1		(SUB FOR RE60071, THIS APPLICATION) (CODE 1704, 1706, 1707, 1713, 1716, 1729)
6	R81275	GASKET	1		
7	19M7784	SCREW	1		M10 X 20, (CODE 1707, 1713)
8	RE501891	AIR INTAKE	1		(CODE 1707)
9	RE501902	AIR INTAKE	1		(CODE 1713)
10	RE501892	AIR INTAKE	1		(CODE 1704)
11	RE501480	AIR INTAKE	1		(CODE 1705)
12	R110531	CLAMP	1		(CODE 1704)
13	R133893	GASKET	1		(1704, 1705, 1706, 1707, 1713, 1724)
14	R501472	SPACER	1		(1704, 1705, 1706, 1707, 1713, 1724) WITHOUT AIR INLET HEATER
15	T30202	LINE	1		(CODE 1705, 1716)
16	R56551	HOSE	1		(CODE 1704)
17	R110531	CLAMP	2		(CODE 1704, 1729)
18	RE60071	FITTING	1	-XXXXXX	(CODE 1724)
19	RE501895	AIR INTAKE	1		(CODE 1724)
20	RE46684	PLUG	1		(CODE 1724)
21	RE502903	FITTING	1		(1704, 1705, 1706, 1707, 1713, 1724)
22	R133187	INTAKE MANIFOLD	1		(CODE 1716)
23	R500394	SCREW	2		(CODE 1716)
24	RE501340	INTAKE MANIFOLD	1		(CODE 1729)
25	T27986	FITTING	1		(CODE 1729)
26	19M8292	SCREW	2		M10 X 50, (1704, 1705, 1706, 1707, 1713, 1724)

1E23

ENGINE 4
INTAKE MANIFOLD 0414

AIR INLET AND AIR INLET HOSE
(CODE 1752)
TP62217 -UN-08OCT99



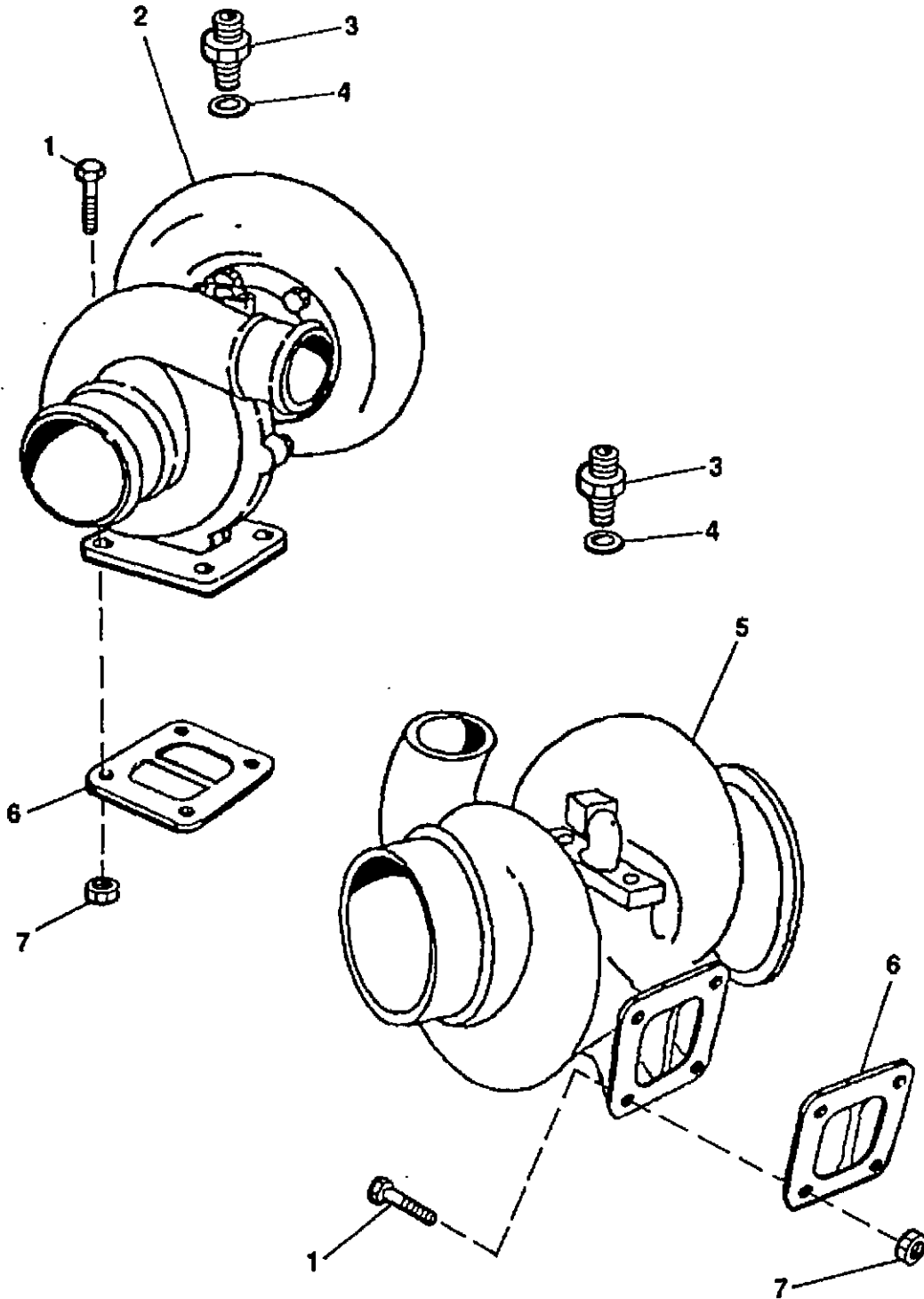
TP62217

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70731	TUBE	1		
2	R110531	CLAMP	2		
3	R56551	HOSE	1		
4	19M8292	SCREW	2		
5	15H695	PIPE PLUG	1		3/8"
6	T27896	RING	1		
7	R133893	GASKET	2		
8	R501472	SPACER	1		
9	R81275	GASKET	1		

MEMORANDA

1E24

TURBOCHARGER CODE 6504,6506,6511-6513,6521,6522,6525,6540, 6586-6588,6592,6593,6594,6595
TURBOCOMPRESSEUR
TURBOLADER
TURBO-SOVRALIMENTATORE
TURBOCARGADOR
TURBOAGGREGAT
TP48980 -UN-24MAY96



1E25

ENGINE 4

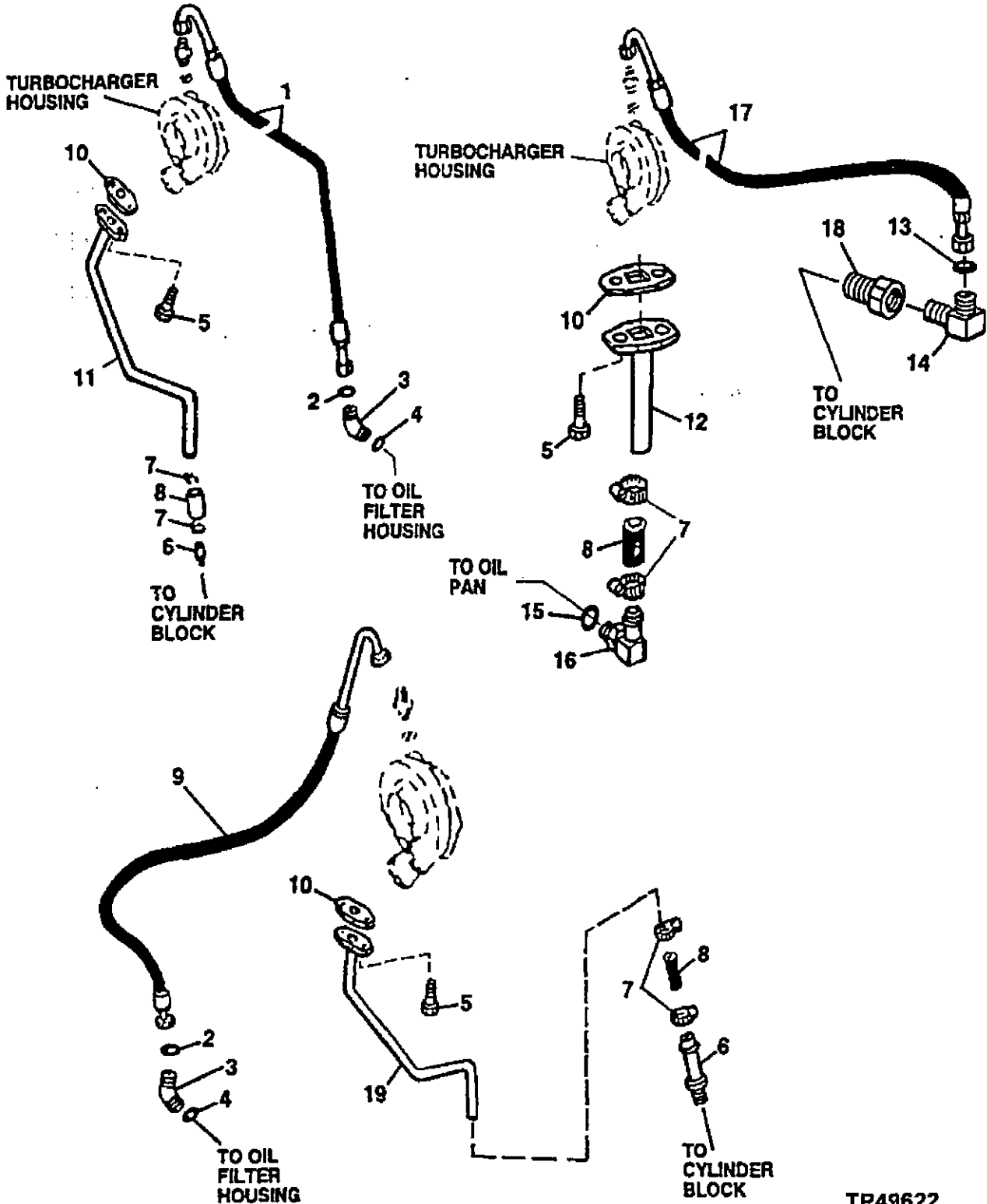
TURBOCHARGER

CODE 6504-6506,6511-6513,6521,6522,6525,6540

6586-6588,6592,6593,6594,6595

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M8162	CAP SCREW	4		M10 X 40
	19M7785	SCREW	4		CODE 6593 (M10X25)
2	RE60074	TURBOCHARGER	1		REMANUFACTURED (CODE 6504,6521,6522)
	RE60077	TURBOCHARGER	1		REMANUFACTURED (CODE 6506,6525)
	RE60075	TURBOCHARGER	1		(CODE 6505,6511,6540,6586)
	RE26409	KIT	1		HARDWARE
	RE505059	TURBOCHARGER	1		CODE 6592,6593,6594,6594 (REMANUFACTURED)
	RE503052	KIT	1		CODE 6592,6593,6594,6595 (HARDWARE)
3	M87733	ADAPTER	1		
4	R63548	O-RING	1		
5	RE60077	TURBOCHARGER	1		(REMANUFACTURED) (CODE 6512,6588)
	RE60074	TURBOCHARGER	1		(REMANUFACTURED) (CODE 6513,6587)
	RE26409	KIT	1		HARDWARE
6	R123572	GASKET	1		CODE 6504,6505,6506,6511,6522,6525,6540,6586
7	14M7296	FLANGE NUT	4		M10

TURBOCHARGER OIL LINES CODE 6504-6506,6511-6513,6522,6525,6540,6586,6587,6588,6592,6593,6594,6595
 TURBOCOMPRESSEUR CONCLUITE D'HUILE
 TURBOLADER OELLEITUNG
 TURBO-SOVRALIMENTATORE TUBERIN DE'ACEITE
 TURBOCARGADOR TUBAZIONE DELL'OLIO
 TURBOAGGREGAT OLJELEDNING
 TP49622 -UN-06JUN97



TP49622

1F2

ENGINE 4

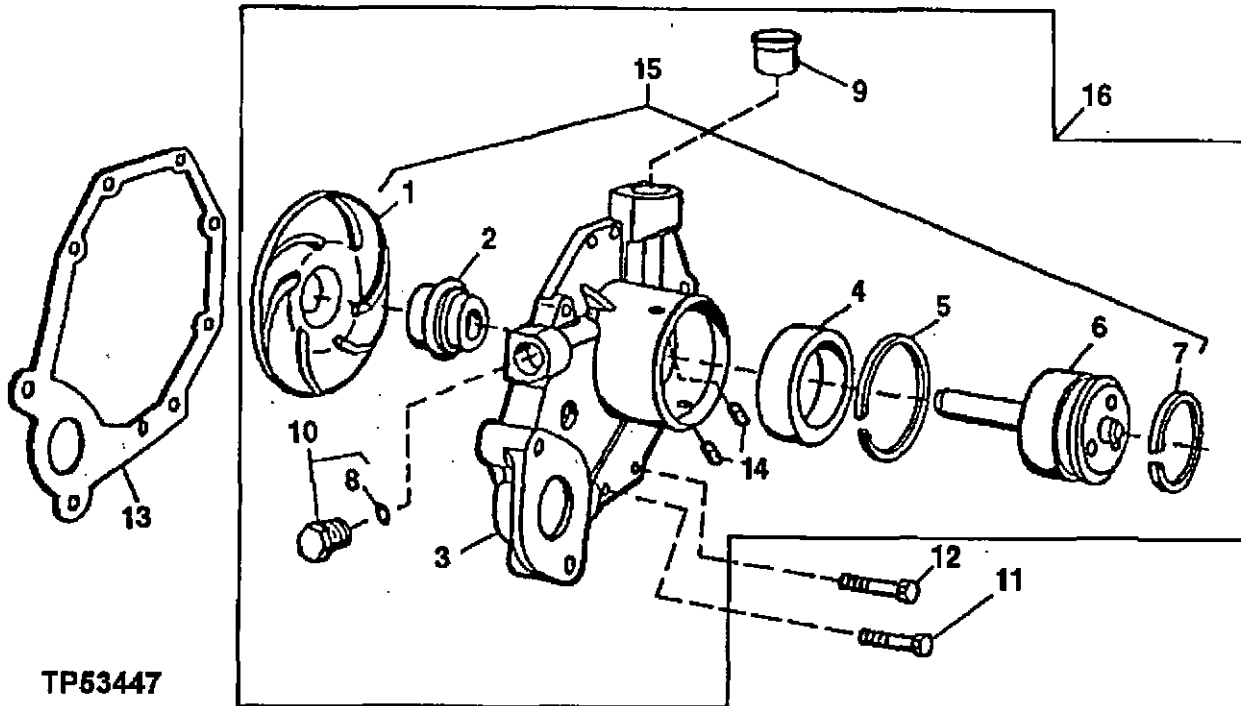
TURBOCHARGER OIL LINES CODE 6504-6506,6511-6513,6522,6525,6540)
 CODE 6586,6587,6588,6592,6593,6594,6595

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE503208	OIL LINE	1		(SUB FOR RE59922) (CODE 6504,6506,6540,6592)
2	T77613	O-RING	1		0.364" X 0.070", (CODE 6504,6505,6506,6522,6525,6540)
3	38H5154	ELBOW FITTING	1		45 DEGREE, (CODE 6504,6505,6506,6522,6525,6540,6587,6588)
	38H5037	ADAPTER	1		STRAIGHT, (CODE 6586)
4	51M7042	O-RING	1		13.300 X 2.200 MM, (CODE 6504,6505,6506,6522,6525,6586-6588)
5	19M7866	SCREW	2		M8 X 20
6	RE54885	HOSE FITTING	1		(CODE 6505,6522,6525,6540,6592,6594,6595) (SUB FOR R120757)
7	RE65978	CLAMP	2		(SUB FOR RE62322)
8	.....	HOSE	1		(MAKE FROM R120013 CUT TO LENGTH)
9	RE501260	OIL LINE	1		(SUB FOR RE59468) (CODE 6505,6522,6525)
	RE503212	OIL LINE	1		(CODE 6586,6587,6588,6595)
10	R123570	GASKET	1		
11	RE59438	OIL LINE	1		(CODE 6504,6506,6540,6586,6587,6588,6592,6594,6595)
12	RE60003	OIL LINE	1		(CODE 6511,6512,6513,6593)
13	R63548	O-RING	1		(CODE 6511,6512,6513,6586,6587,6588)
14	T112804	ELBOW FITTING	1		(CODE 6511,6512,6513)
15	51M7045	O-RING	1		(CODE 6511,6512,6513)
16	RE60010	ELBOW FITTING	1		(CODE 6511,6512,6513,6593)
17	RE503209	OIL LINE	1		(SUB FOR RE55514) (CODE 6511,6512,6513)
18	P40098	ADAPTER	1		(CODE 6511,6512,6513)
19	RE59438	OIL LINE	1		(CODE 6505,6522,6525)

1F3

ENGINE 4
WATER PUMP 0417

WATER PUMP ASSEMBLY CODE 4401, 4402, 4403, 4404 WATER PUMP
 POMPE A EAU
 WASSERPUMP
 POMPA DELL'ACQUA
 BOMBA DE AGUA
 VATTENPUMP
 TP53447 -UN-19MAR97



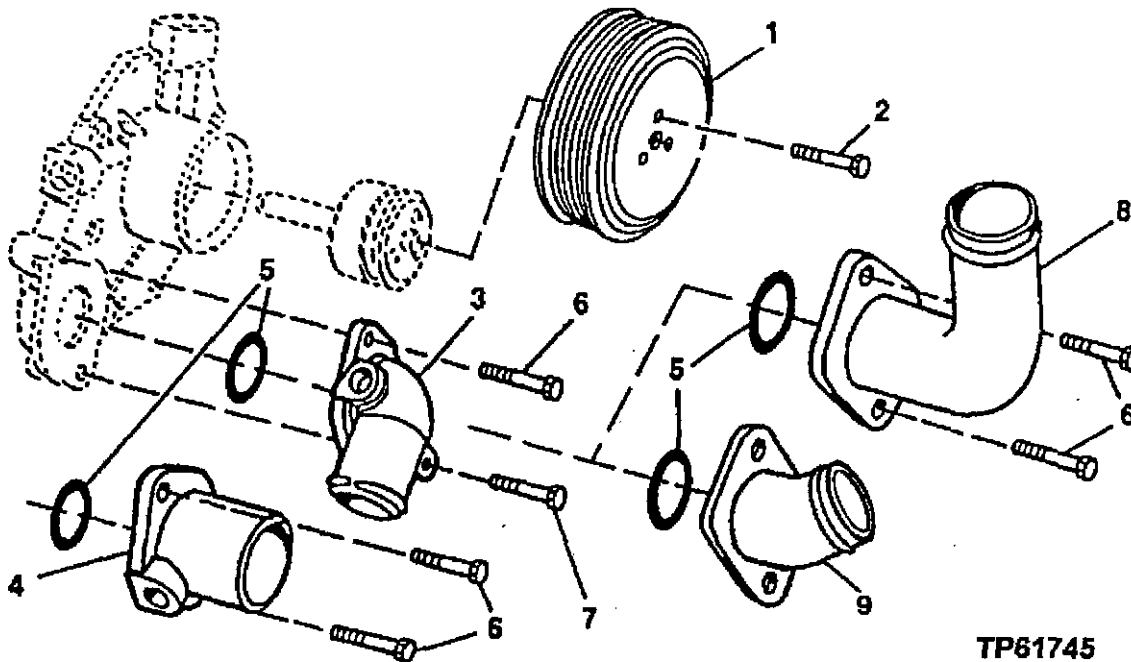
TP53447

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	IMPELLER	1	(CODE 4401,4402)	(MARKED R121036)
2	.....	IMPELLER	1	(CODE 4403,4404)	(MARKED R123395)
3	.....	SEAL	1		
4	.....	HOUSING	1		
5	.....	BALL BEARING	1		
6	.....	RING	1		
7	.....	SHAFT	1		
8	A364R	SNAP RING	1		
9	S1M7043	O-RING	1		15.300 X 2.200 MM
10	R123226	GASKET	1		
11	RE46685	PLUG	1		
12	19M7796	SCREW	3		M6 X 30
13	19M7863	SCREW	5		M6 X 25
14	R123417	GASKET	1		
15	R98527	FILTER	2		(USE WITH RE70683 AND RE70985)
16	R100369	FILTER	2		(USE WITH RE500737 AND RE500734)
16	RE71240	KIT	1		(CODE 4401,4402) (LOW FLOW) (SUB FOR RE59407)
16	RE70962	KIT	1		(CODE 4403,4404) (HIGH FLOW) (SUB FOR RE65970)
16	RE500737	WATER PUMP	1		(CODE 4401,4402) (LOW FLOW) (MARKED RE56737, RE70683 OR RE500737) (SUB FOR RE56737 AND RE70683)
16	RE500734	WATER PUMP	1		(CODE 4403,4404) (HIGH FLOW) (MARKED RE59646, RE70985 OR RE500734) (SUB FOR RE59646 AND RE70985)

1F4

ENGINE 4
WATER PUMP 0417

WATER PUMP INLET AND PULLEY CODE 2001- 5701,5702 5706,5707
 POMPE A EAU
 WASSERPUMPE
 POMPA DELL'ACQUA
 BOMBA DE AGUA
 VATTENPUMP
 TP61745 -UN-30SEP98

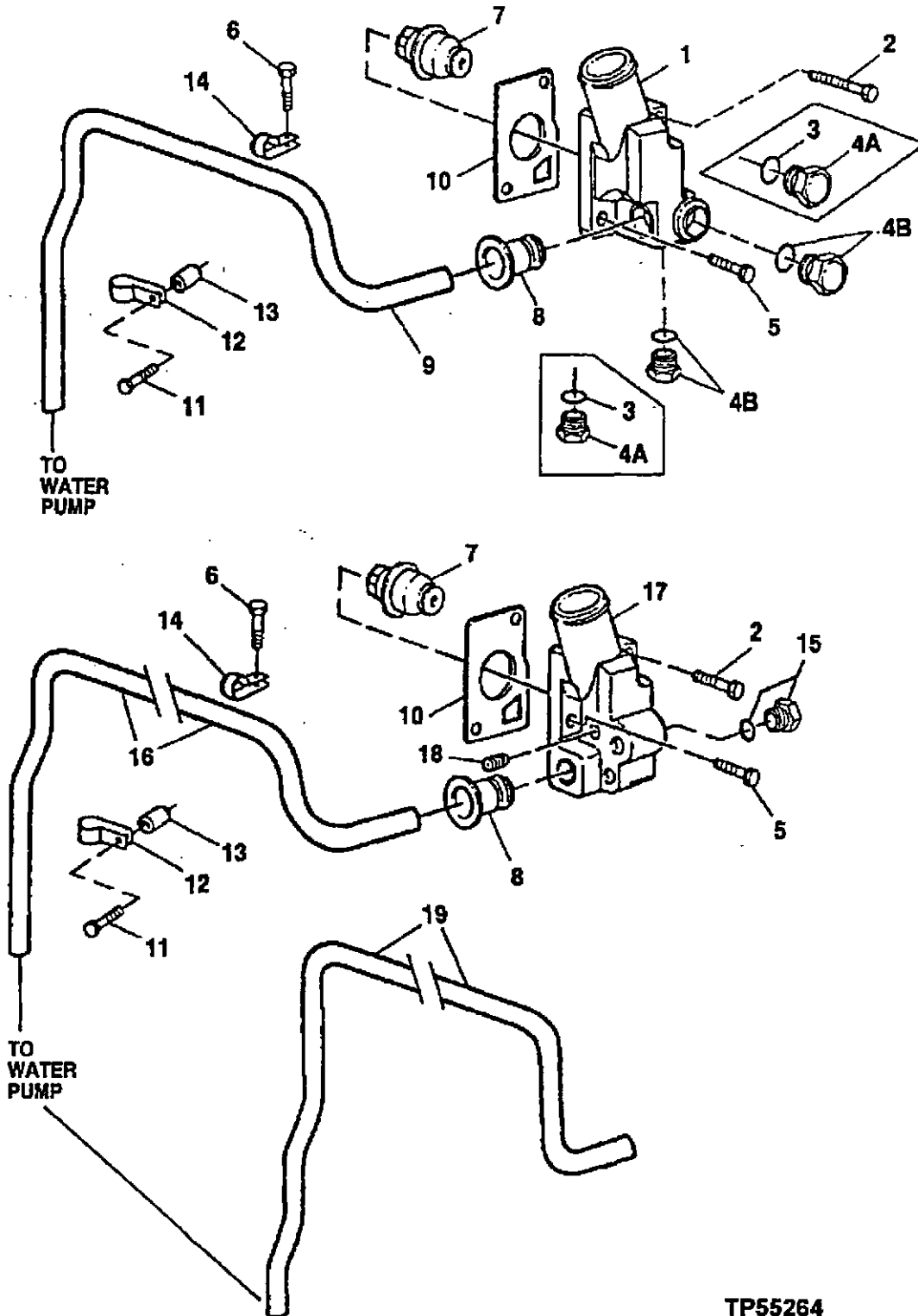


TP61745

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R115250	SHEAVE	1	(CODE 2001)	
2	19M7774	SCREW	3	M6 X 12, (CODE 2001)	
3	R121635	ADAPTER	1	(CODE 5702)	
4	R121634	ADAPTER	1	(CODE 5701)	
5	R89944	O-RING	1	(CODE 5701, 5702, 5706, 5707)	
6	19M7867	SCREW	2	M8 X 25, (CODE 5701, 5706 ,5707)	
7	19M7802	SCREW	1	M8 X 65, (CODE 5702)	
8	RE71599	HOUSING	1	(CODE 5706)	
9	RE501453	PIPE ELBOW	1	(CODE 5707)	

1F5

HERMOSTAT 2201, COVERS 2102, 2104, 2105, 2109, AND 2112
COUVERCLE DU THERMOSTAT
THERMOSTATDECKEL
COPERCHIO TERMOSTATO
TAPAREDA TERMOSTATO
SKYDDSKAAPA TERMOSTAT
TP55264 -UN-20JAN98



TP55264

1F6

ENGINE 4

THERMOSTATS, HOUSING AND WATER PIPING 0418

THERMOSTAT AND COVERS
 CODE 2101,2102,2104,2105,2109 AND 2112 COVER
 CODE 2201 THERMOSTAT

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	COVER	1	-797080	(CODE 2101,2104) (R121415 NO LONGER AVAILABLE) (SUB R131016, 19M8292 AND (2) RE46684)
2	R131016	COVER	1	797081-	(CODE 2101,2104,2109)
	19M7658	CAP SCREW	1	-797080	(CODE 2102, 2104) M10 X 50
	19M8292	SCREW	1	797081-	(CODE 2101,2104,2109) M10 X 50
	19M7809	SCREW	1		(CODE 2102, 2105, 2112) M10 X 70
3	R26375	O-RING	2	-797080	(CODE 2101, 2104) 16.358 X 2.210 MM (0.644" X 0.087")
4A	R39112	FITTING	2	-797080	
4B	RE46684	PLUG	2	797081-	
5	19M7786	SCREW	1		M10 X 30
6	19M7788	SCREW	1		(CODE 2112) M12 X 25
7	RE64354	THERMOSTAT	1		82° C (180° F)
8	R123226	GASKET	1		
9	R501144	TUBE	1		(CODE 2101, 2104) (SUB FOR R123588)
	R135179	TUBE	1		(CODE 2109)
10	R135896	GASKET	1		(SUB FOR R121416)
11	19M7801	SCREW	1		M8 X 60, (ON TIMING COVER)
12	R123324	CLAMP	1		
13	28H860	WASHER	AR		(CODE 2101, 2102) 0.423" X 0.675" X 3/8" (SPACER)
14	R123323	CLAMP	1		
15	RE46684	PLUG	1		(CODE 2102, 2105)(WITHOUT FUEL INJECTION PUMP COLD ADVANCE SWITCH)
16	R123629	TUBE	1		(CODE 2102, 2105)
17	.....	COVER	1	-797080	(CODE 2102, 2105, 2112) (WITHOUT COLD START ADVANCE PORT) (R123426 NO LONGER AVAILABLE) (SUB R501556)
	R501556	COVER	1	797081-	(CODE 2102, 2105, 2112) (WITH COLD START ADVANCE PORT)
18	15H624	PIPE PLUG	3		(CODE 2102, 2105, 2112) 1/2"
19	R501029	TUBE	1		(CODE 2112)

1F7

ENGINE 4

ENGINE OIL COOLER

CODE 5901 (6068DF150, 6068TF151)

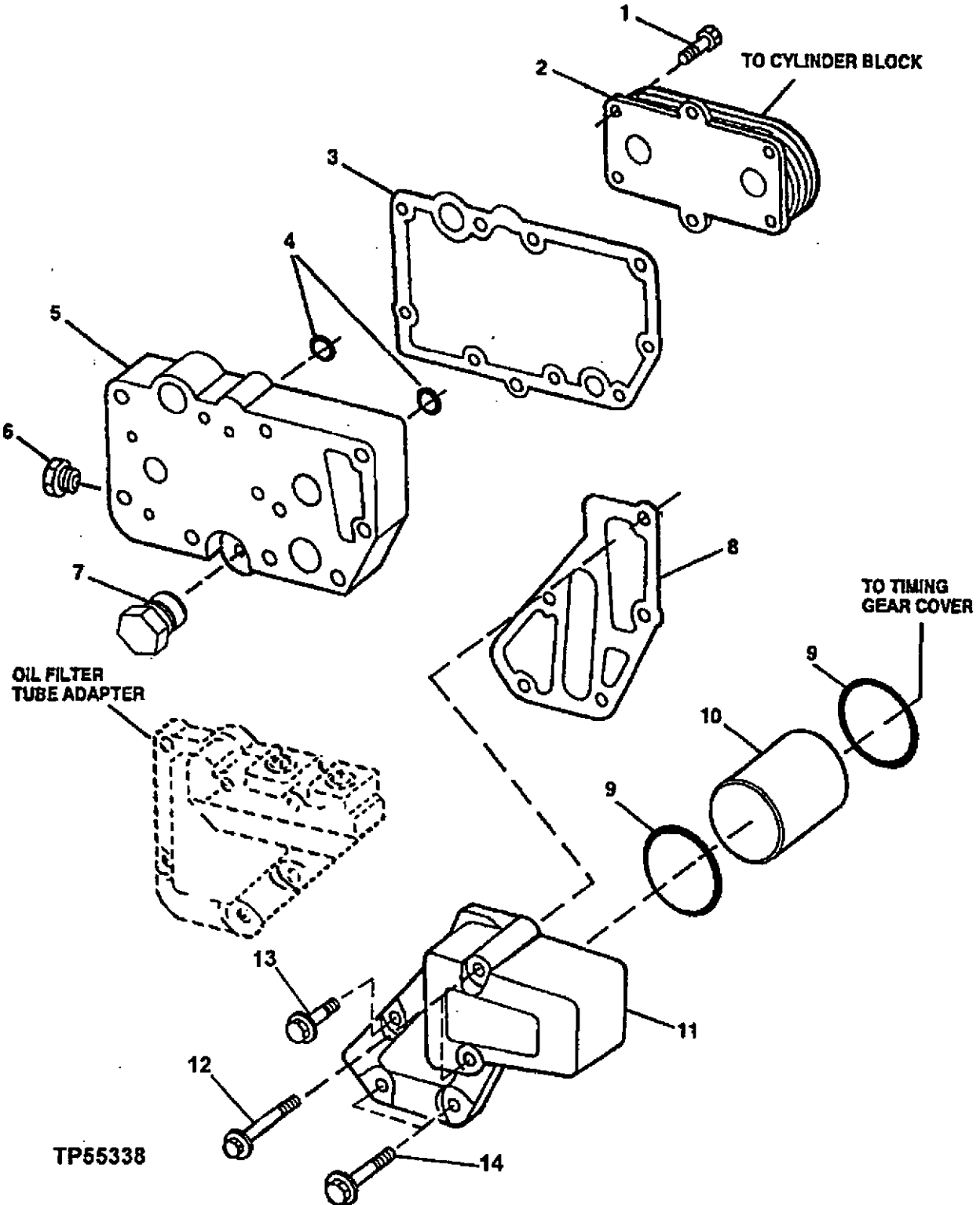
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RADIATORE DELL'OLIO

REFRIGERADOR DE ACEITE

OLJEKYLARE

TP55338 -UN-08APR98



TP55338

1F8

ENGINE 4

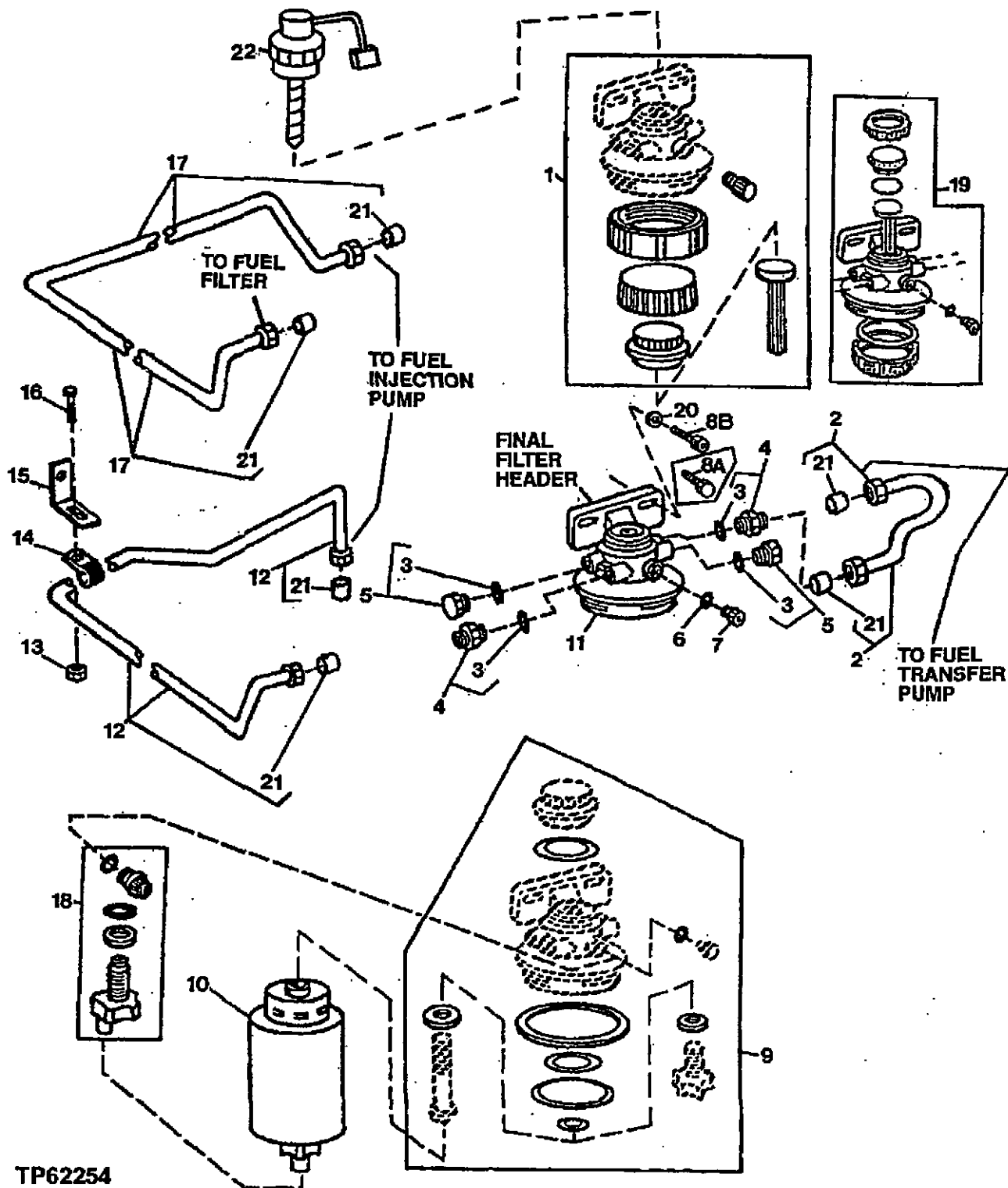
ENGINE OIL COOLER

CODE 5901 (6068DF150, 6068TF151)

CODE 5902 (6068TF150,6068TF250,6068HF150,6068HF250.6068TF220)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE67231	SCREW	6		M6 X 16 (WITH PRE-APPLIED LOCTITE)
2	RE59296	OIL COOLER	1		(CODE 5901)(5 PLATE)
	RE56690	OIL COOLER	1		(CODE 5902)(7 PLATE)
3	R123501	GASKET	1		
4	T122075	O-RING	2		
5	R123471	HOUSING	1		
6	RE46685	PLUG	1		
7	RE46686	PLUG	1		
8	R501428	GASKET	1		(SUB FOR R123502)
9	R61105	O-RING	2		
10	R115252	TUBE	1		
11	R135177	ADAPTER	1		(SUB FOR R123472)
12	19M7970	SCREW	2		M8 X 100
13	RE67238	SCREW	1		M8 X 20 (WITH PRE-APPLIED SEALANT)
14	19M7802	SCREW	2		M8 X 65

FUEL FILTER AND FUEL LINES CODE 3517,3518,3532,AND 3533
 FILTRE A COMBUSTIBLE/CONDVETES
 KRAFTSTOFFILTER/LEITUNGEN
 FILTRO COMBUSTIBILE/TUBAZIONI
 FILTRO DE COMBUSTIBLE/TUBERIAS
 BRAENSLEFILTER/LEDINGAR
 TP62254 -UN-12NOV99



1F10

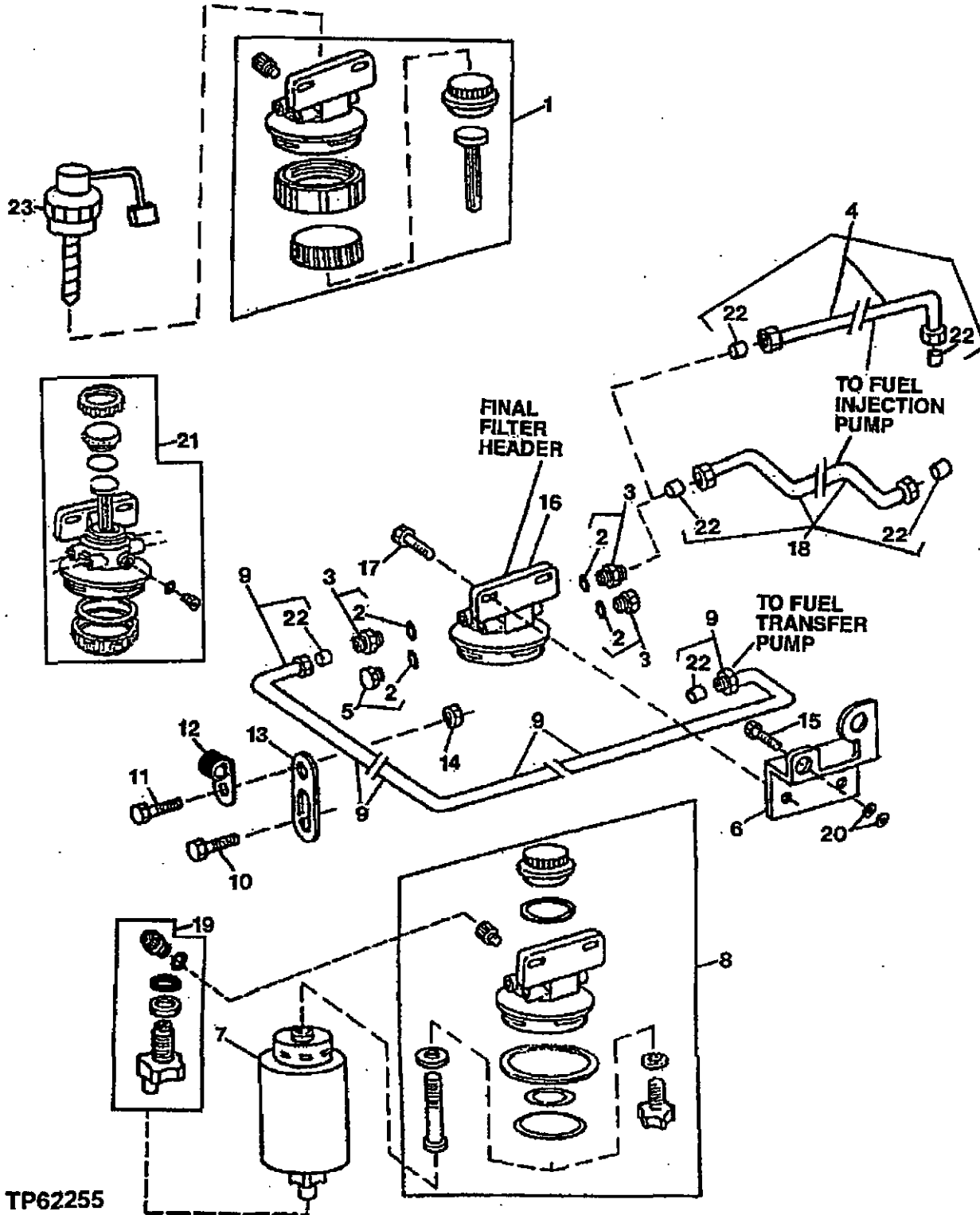
ENGINE 4

SINGLE FUEL FILTER AND FUEL LINES
CODE 3517,3518,3532 AND 3533

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE51649	KIT	1		FUEL FILTER
2	RE60037	FUEL LINE	1		
	R74012	SEALING WASHER	2		(NOT ILLUSTRATED)
3	51M7040	O-RING	1		
4	RE59487	FITTING	2	-706976	(CODE 3532,3533)SAE
	RE60029	FITTING	2	706977-	(CODE 3517,3518)METRIC
5	RE56323	PLUG	2	-706976	(CODE 3532,3533)SAE
	RE46686	PLUG	2	706977-	(CODE 3517,3518)METRIC
6		O-RING	1		
7		PLUG	1		
8A	19M7785	SCREW	2	-795805	M10 X 25
8B	19M8328	SCREW	2	795806-	M10 X 25
9	RE50752	SEAL KIT	1		FUEL FILTER
10	RE62418	FUEL FILTER	1	-706976	(CODE 3532,3533)SAE (INCLUDES DRAIN VALVE)
	RE60021	FUEL FILTER	1	706977-	(CODE 3517,3518)METRIC (INCLUDES DRAIN VALVE)
11	RE63181	FILTER HEAD	1	-706976	(CODE 3532,3533)SAE, (SUB RE70358) (ALSO ORDER (2) RE60029 AND (2) 51M7040)
	RE60022	FILTER HEAD	1	706977-	(CODE 3517,3518)METRIC, (SUB RE70358)
12	RE60007	FUEL LINE	1		(CODE 3517)
	R74012	SEALING WASHER	2		(CODE 3517)
13	14M7298	FLANGE NUT	1		M8
14	T14050	CLAMP	1		
15	R116116	BRACKET	1		
16	19M7865	SCREW	1		M8 X 16
17	RE60026	FUEL LINE	1		(CODE 3518)
18	RE60854	KIT	1		
19	RE70358	KIT	1		(SUB FOR RE500160, THIS APPLICATION) FINAL FILTER
20	24M7096	WASHER	2	795806-	10.500 X 18 X 1.600 MM
21	R74012	SEALING WASHER	6		
22	RE51648	KIT	1		FUEL FILTER HEATET (12-VOLT)
	RE504134	KIT	1		FUEL FILTER HEATER (24-VOLT)

1F11

FUEL FILTERS AND FUEL LINES CODE 3521,3522,3536 AND 3537
FILTRE A COMBUSTIBLE
KRAFSTOFFFILTER
FILTRO COMBUSTIBILE
FILTRO DE COMBUSTIBLE
BRAENSLEFILTER
TP62255 -UN-12NOV99



TP62255

1F12

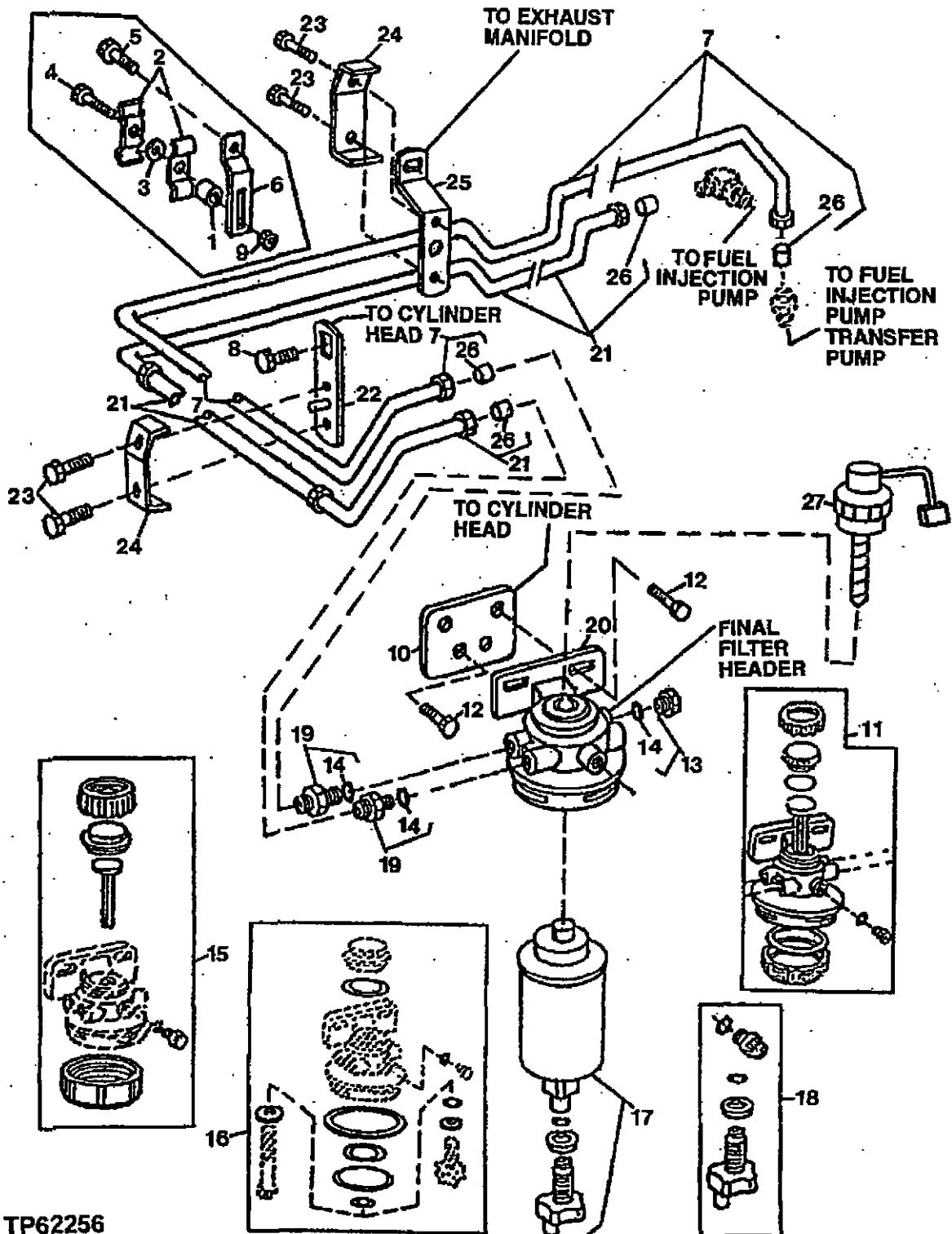
ENGINE 4

FUEL FILTER AND FUEL LINES
CODE 3521,3522,3536 AND 3537

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE51649	KIT	1		FUEL FILTER
2	51M7040	O-RING	1		
3	RE59487	FITTING	2	-706976	(CODE 3536,3537)SAE
	RE60029	FITTING	2	706977-	(CODE 3521,3522)METRIC
4	RE60148	FUEL LINE	1		(CODE 3521)
5	RE56323	FITTING PLUG	2	-706976	(CODE 3536,3537)SAE
	RE46686	PLUG	2	706977-	(CODE 3521,3522)METRIC
6	R123621	BRACKET	1		
7	RE62418	FILTER ELEMENT	1		(CODE 3536,3537)SAE (INCLUDES DRAIN VALVE)
	RE60021	FUEL FILTER	1		(CODE 3521,3522)METRIC (INCLUDES DRAIN VALVE)
8	RE50752	SEAL KIT	1		FUEL FILTER
9	RE60146	FUEL LINE	1		
	R74012	SEALING WASHER	2		
10	19M7783	SCREW	1		M10 X 16, (SUB FOR 19M7784)
11	19M7865	SCREW	1		M8 X 16
12	T14050	CLAMP	1		
13	R56588	STRAP	1		
14	14M7298	FLANGE NUT	1		M8
15	19M7811	SCREW	2		M10 X 90
16	RE63181	FILTER HEAD	1	-706976	(CODE 3536,3537)SAE, (SUB RE70358) (ALSO ORDER (2) RE60029 AND (2) 51M7040)
	RE60022	FILTER HEAD	1	706977-	(CODE 3521,3522)METRIC, (SUB RE70358)
17	19M7784	SCREW	2		M10 X 20
18	RE60149	FUEL LINE	1		(CODE 3522)
19	RE60854	KIT	1		
20	24M7239	WASHER	4		10.700 X 21 X 2.500 MM
21	RE70358	KIT	1		(SUB FOR RE500160, THIS APPLICATION) FINAL FILTER
22	R74012	SEALING WASHER	4		
23	RE51648	KIT	1		FUEL FILTER HEATER (12-VOLT)
	RE504134	KIT	1		FUEL FILTER HEATER (24-VOLT)

1F13

FUEL FILTER,LINES,BRACKETS (NIPPONDENSO) CODE 3526 AND 3545
FILTRE A COMBUSTIBLE
KRAFSTOFFFILTER
FILTRO COMBUSTIBILE
FILTRU DE COMBUSTIBILE
BRAENSLEFILTER
TP62256 -JN-12NOV99



TP62256

THIS PARTS LISTING IS CONTINUED

1F14

ENGINE 4

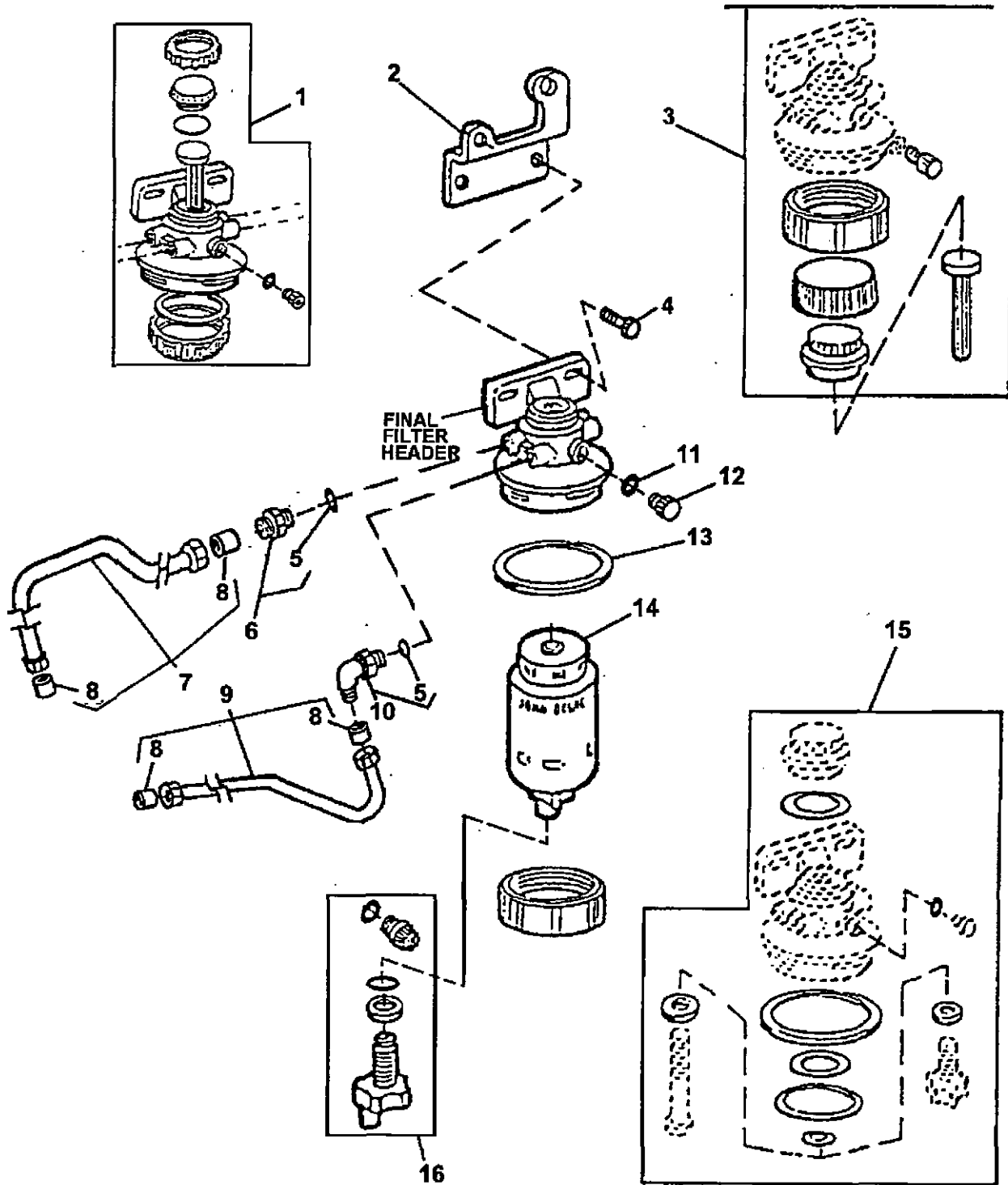
FUEL FILTER AND FUEL LINES (NIPPONDENSO) CODE 3526 AND 3545

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	28H1517	WASHER	1	-802992	0.493" X 0.675" X 1/4"
2	R81004	CLAMP	2	-802992	
3	24M7096	WASHER	1	-802992	10.500 X 18 X 1.600 MM
4	19M7868	SCREW	1		M8 X 30
5	19M7867	SCREW	1	-802992	M8 X 25
6	R131881	BRACKET	1	-802992	
7	RE60192	FUEL LINE	1	-802992	
	RE501182	FUEL LINE	1	802993-	
8	19M7783	SCREW	1	802993-	(A) M10 X 16
9	14M7298	FLANGE NUT	1	-802992	M8
10	R123566	BRACKET	1		
11	RE70358	KIT	1		FINAL FILTER, (SUB FOR RE500160, THIS APPLICATION)
12	19M7784	SCREW	4		M10 X 20
13	RE46686	PLUG	2		SAE
14	51M7040	O-RING	4		9.300 X 2.200 MM
15	RE51649	KIT	1		FUEL GUARD
16	RE50752	SEAL KIT	1		
17	RE62419	FUEL FILTER	1		(INCLUDES DRAIN VALVE)
18	RE60854	DRAIN VALVE	1		
19	RE60030	FITTING	2		
20	RE60022	FILTER HEAD	1		(SUB RE70358)
21	RE60193	FUEL LINE	1	-802993	
	RE501183	FUEL LINE	1	802993-	
22	R136081	BRACKET	1	802993-	(A)
23	19M7752	CAP SCREW	4	802993-	(A) M4 X 20
24	R136082	CLAMP	2	802993-	(A)
25	R136079	BRACKET	1	802993-	(A)
26	R67092	SEAL	4		
27	RE51648	KIT	1		FUEL FILTER HEATER (12-VOLT)
	RE504134	KIT	1		FUEL FILTER HEATER (24-VOLT)

(A) ALSO INCLUDED IN CODE 1668

1F15

FUEL FILTERS AND FUEL LINES CODE 3527
FILTRE A COMBUSTIBLE
KRAFTSTOFFFILTER
FILTRO COMBUSTIBILE
FILTRO DE COMBUSTIBLE
BRAENSLEFILTER
TP68660 -UN-04JAN00



TP68660

1F16

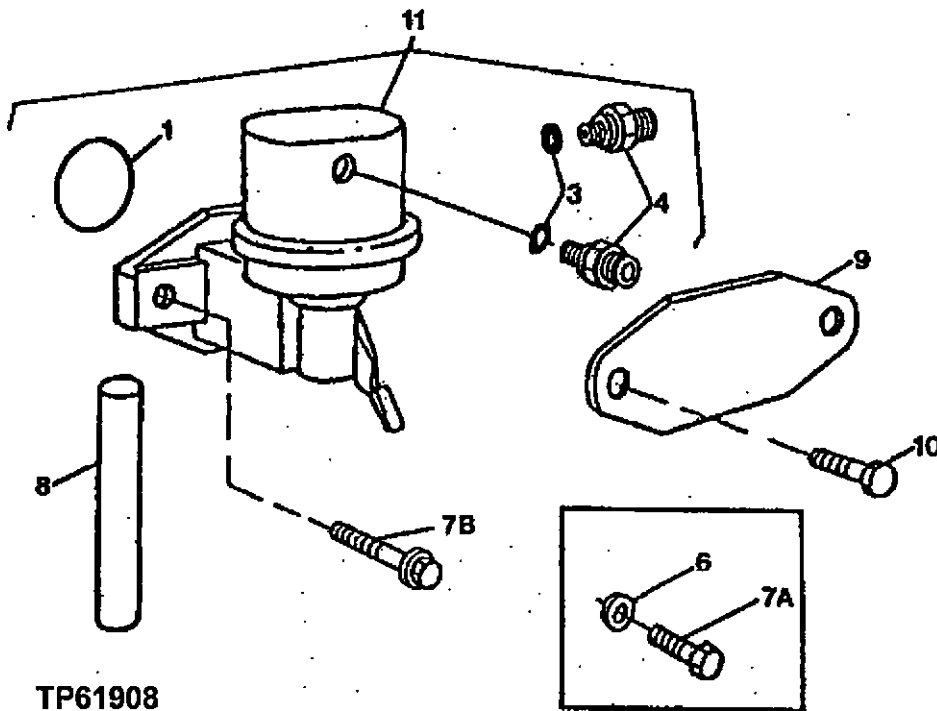
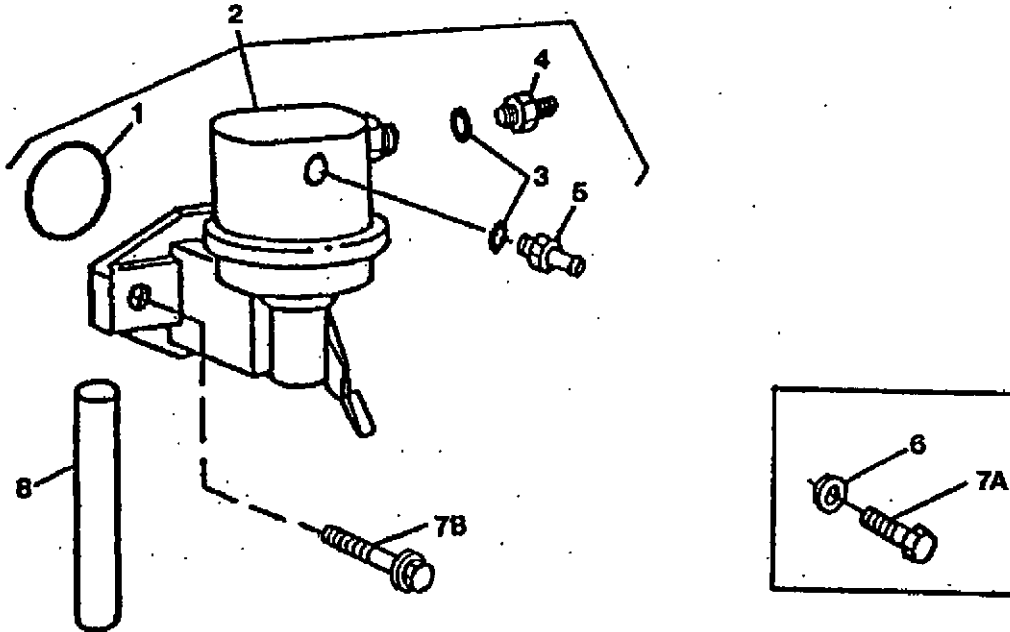
ENGINE 4

**FUEL FILTER AND FUEL LINES
CODE 3527**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70358	KIT	1		FINAL FILTER
2	R123621	BRACKET	1		
3	RE51649	KIT	1		MECHANICAL
4	19M7784	SCREW	2		M10 X 20
5	51M7040	O-RING	2		9.300 X 2.200 MM
6	RE60030	FITTING	1		
7	RE68305	FUEL LINE	1		
8	R67092	SEAL	4		
9	RE68306	FUEL LINE	1		
10	RE68307	ELBOW FITTING	1		
11	R113562	O-RING	1		
12	R113563	DRAIN PLUG	1		
13	R113565	O-RING	1		
14	RE62419	FUEL FILTER	1		SINGLE STAGE-FINAL INCLUDES, DRAIN VALVE, TWO O-RINGS
15	RE50752	SEAL KIT	2		
16	RE60854	KIT	1		PLUG

1F17

FUEL TRANSFER PUMP
CODE 3701, 3702, 3799
TP61908 -UN-09AUG99



TP61908

1F18

ENGINE 4
FUEL TRANSFER PUMP 0421

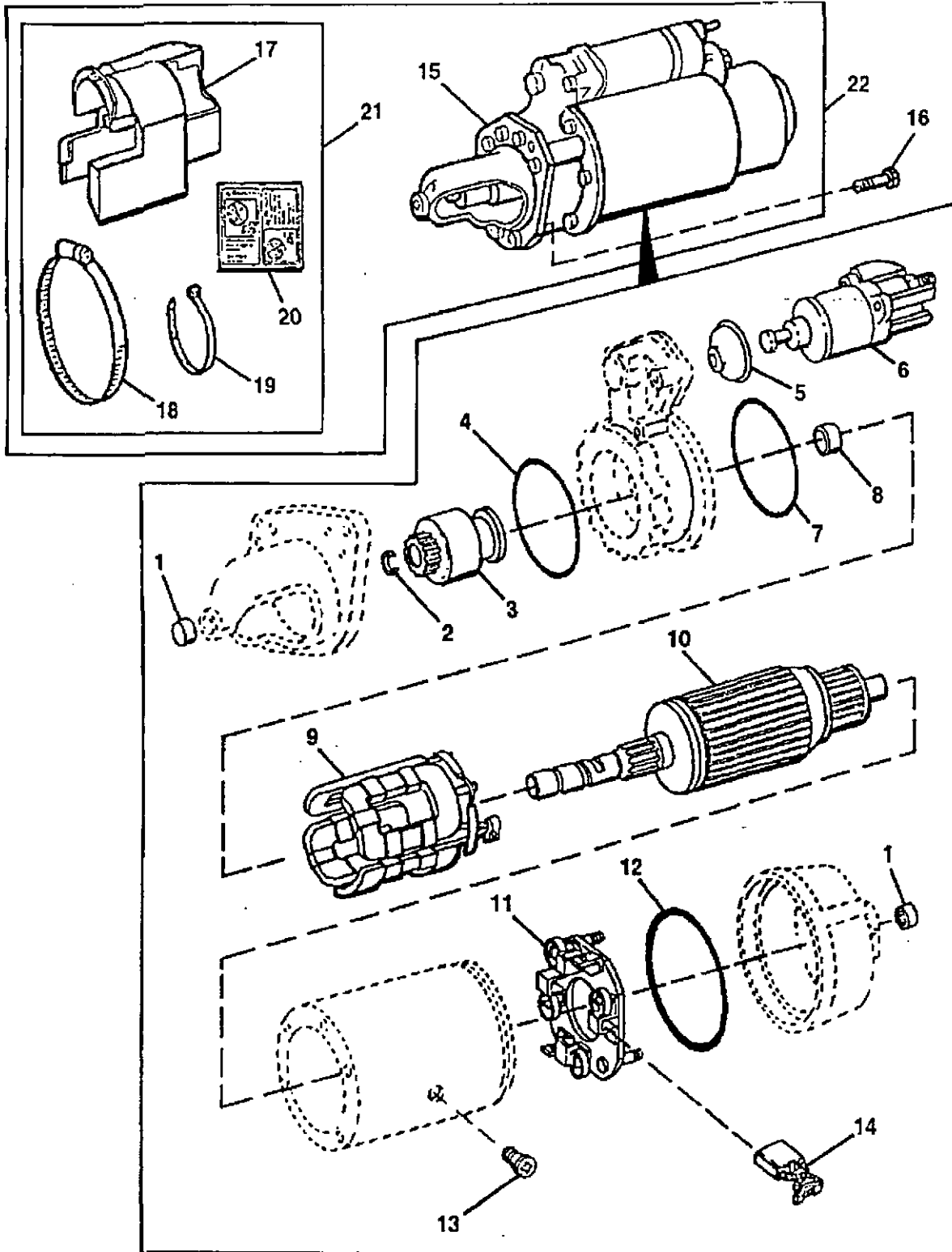
FUEL TRANSFER PUMP
CODE 3701, 3702, 3799
POMPE D'ALIMENTATION
KRAFTSTAFFOERDERPUME
POMPA D'ALIMENTAZIONE
BOMBA DE ALIMENTACION
MATAPUMP

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123273	O-RING	1		(CODE 3701,3702)
2	RE68345	FUEL PUMP	1		(CODE 3702)
3	R500271	O-RING	2		(CODE 3701, 3702)
4	R500270	FITTING	1		(CODE 3701,3702)OUTLET
5	R500269	FITTING	1		(CODE 3702)INLET
6	24M7055	WASHER	2	-XXXXXX	8.400 X 16 X 1.600 MM, (CODE 3701,3702)
7A	RE66288	CAP SCREW	2	-XXXXXX	
7B	RE504233	CAP SCREW	2	XXXXXX-	
8	R133405	PUSH ROD	1		(CODE 3701,3702)
9	R123396	COVER	1		(CODE 3799) (WITHOUT FUEL TRANSFER PUMP)
10	RE66334	CAP SCREW	2		(CODE 3799) (WITHOUT FUEL TRANSFER PUMP)
11	RE66153	FUEL PUMP	1		(CODE 3701)

1F19

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3001: 24-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)
TP50841 -UN-12JUN98



TP50841

1F20

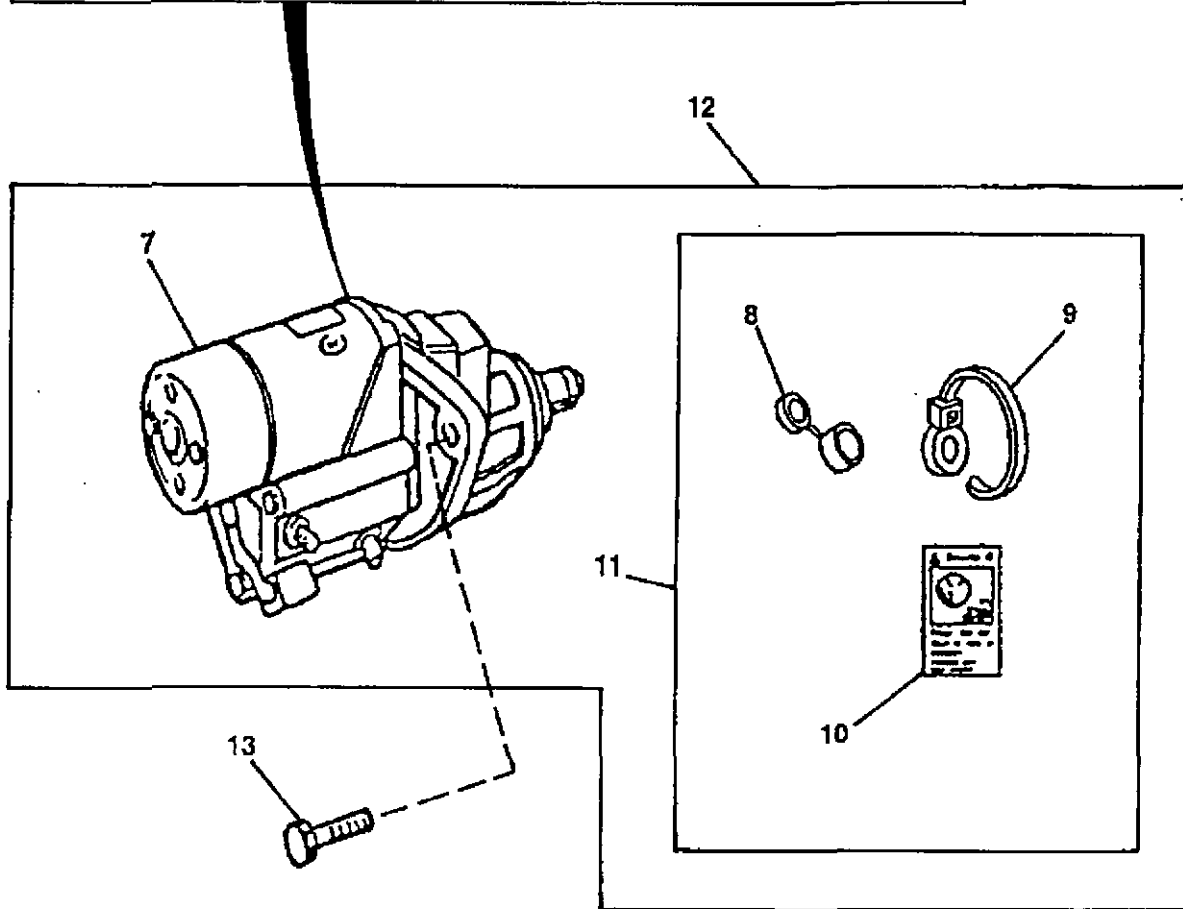
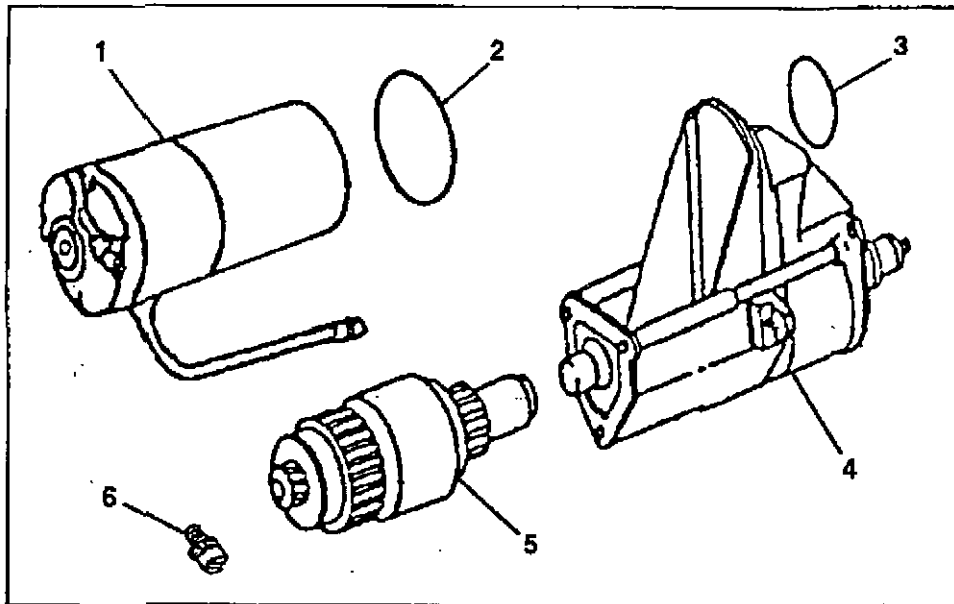
ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3001: 24-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE39251	NEEDLE BEARING	2		
2	R50902	SNAP RING	1		
3	RE39249	CLUTCH	1		
4	R50901	WASHER	1		86.004 X 91.999 X 2.007 MM (3.386" X 3.622" X 0.079")
5	R100513	COVER	1		
6	RE39242	SWITCH	1		
7	R100511	O-RING	1		108 X 2 MM (4.252" X 0.079")
8	R100509	BUSHING	1		
9	RE39244	FIELD WINDING COIL	1		
10	RE39246	ARMATURE	1		
11	RE39250	CARBON BRUSH HOLDER	1		
12	R100512	O-RING	1		124 X 2 MM (4.882" X 0.079")
13	R100508	SCREW	1		M10 X 12.500
14	RE39247	BRUSH	1		(SUB FOR RE39248)
15	.....	STARTER MOTOR	1		(JD RE59584 24-VOLT NIPPONDENSO)
16	19M7786	SCREW	3		M10 X 30
17	.....	COVER	1		
18	TY22471	CLAMP	1		
19	R76477	TIE BAND	1		
20	T146102	LABEL	1		
21	RE45329	COVER	1		
22	.....	KIT	1		(STARTER AND SOLENOID KIT) (RE65173 NO LONGER AVAILABLE) (SUB RE70961)

1F21

STARTING MOTOR AND SOLENOID KIT
(CODE 3001: 24-VOLT NIPPONDENSO)
(ENGINE SERIAL NO.709446-)
TP50833 -UN-15APR99



TP50833

1F22

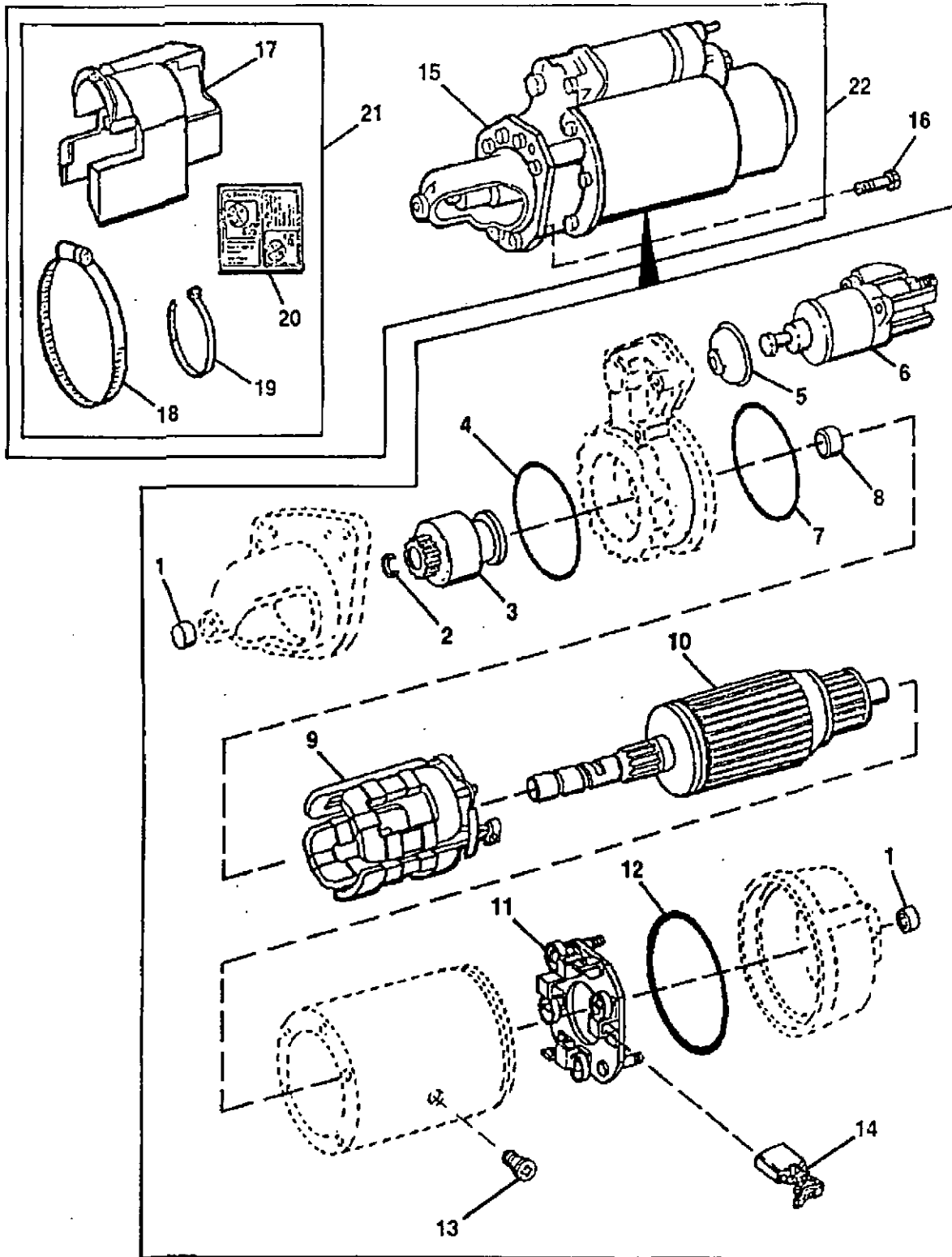
ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3001: 24-VOLT NIPPONDENSO)
(ENGINE SERIAL NO.709446-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	MOTOR	1		
2	R135509	SEAL	1		
3	R135510	O-RING	1		
4	RE70681	SWITCH	1		
5	RE70487	CLUTCH	1		
6	RE71256	SCREW, WITH WASHER	1		M5 X .8
7	.....	STARTER MOTOR	1		(JD RE70475 24-VOLT NIPPONDENSO)
8	.....	COVER	1		
9	R96703	TIE BAND	1		
10	T146102	LABEL	1		(BYPASS START)
11	RE70756	KIT	1		(SOLENOID KIT)
12	RE70961	STARTER MOTOR KIT	1		(STARTER AND SOLENOID KIT)
13	19M7786	SCREW	3		M10 X 30
14	R71835	GASKET	1		

1F23

STARTING MOTOR AND SOLENOID KIT
(CODE 3002: 24-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)
TP50841 -UN-12JUN98



TP50841

1F24

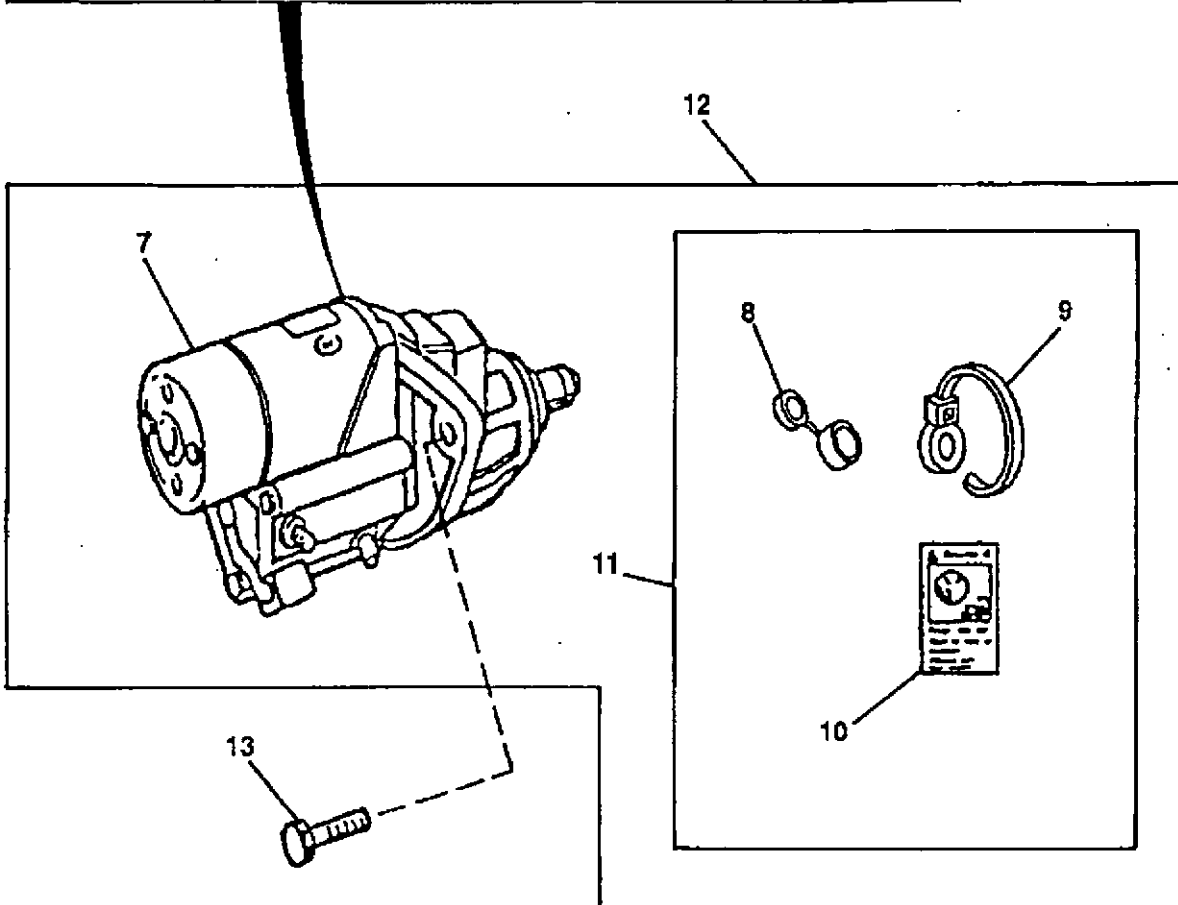
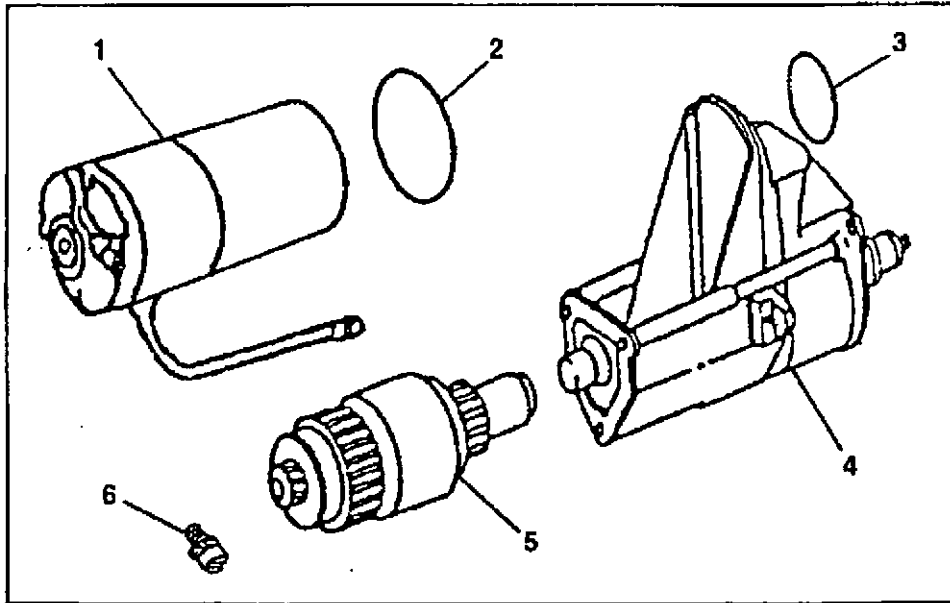
ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3002: 24-VOLT NIPPONDENSO)DENSO)
(ENGINE SERIAL NO. -709445)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE39251	NEEDLE BEARING	2		
2	R50902	SNAP RING	1		
3	RE39249	CLUTCH	1		
4	R50901	WASHER	1		86.004 X 91.999 X 2.007 MM (3.386" X 3.622" X 0.079")
5	R100513	COVER	1		
6	RE39242	SWITCH	1		
7	R100511	O-RING	1		108 X 2 MM (4.252" X 0.079")
8	R100509	BUSHING	1		
9	RE39244	FIELD WINDING COIL	1		
10	RE39246	ARMATURE	1		
11	RE39250	CARBON BRUSH HOLDER	1		
12	R100512	O-RING	1		124 X 2 MM (4.882" X 0.079")
13	R100508	SCREW	1		M10 X 12.500
14	RE39247	BRUSH	1		(SUB FOR RE39248)
15	.....	STARTER MOTOR	1		(JD RE59585 24-VOLT NIPPONDENSO)
16	19M7786	SCREW	3		M10 X 30
17	.....	COVER	1		
18	TY22471	CLAMP	1		
19	R76477	TIE BAND	1		
20	T146102	LABEL	1		
21	RE45329	COVER	1		
22	.....	KIT	1		(STARTER AND SOLENOID KIT) (SUB RE65174)

1G1

STARTING MOTOR AND SOLENOID KIT
(CODE 3002: 24-VOLT NIPPONDENSO)DENSO)
(ENGINE SERIAL NO.709446-)
TP50833 -UN-15APR99



TP50833

1G2

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

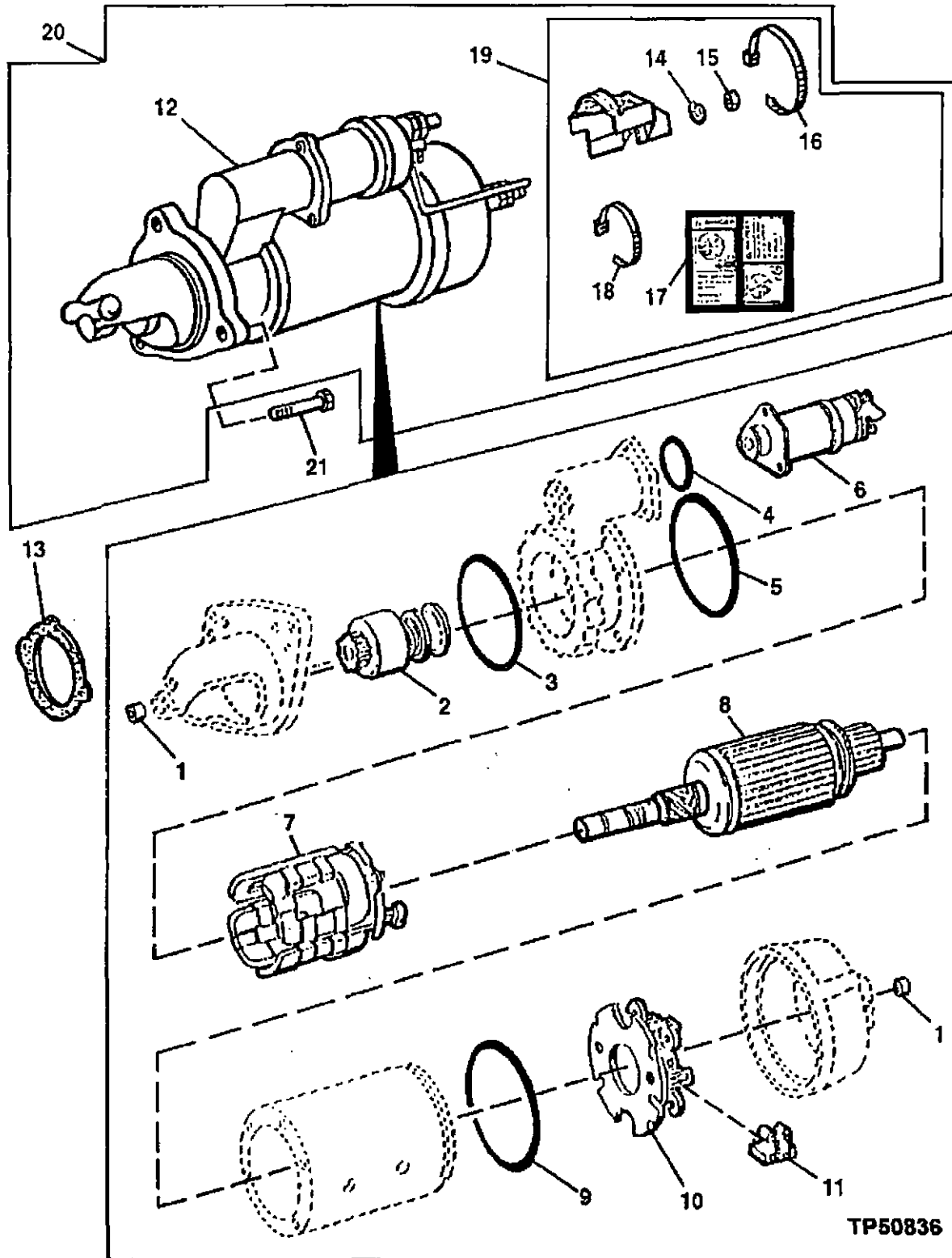
STARTING MOTOR AND SOLENOID KIT
(CODE 3002: 24-VOLT NIPPONDENSO)
(ENGINE SERIAL NO.709446-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	MOTOR	1		
2	R135509	SEAL	1		
3	R135510	O-RING	1		
4	RE70678	SWITCH	1		
5	RE70682	CLUTCH	1		
6	RE71256	SCREW, WITH WASHER	1	M5 X .8	
7	.....	STARTER MOTOR	1		(JD RE69705 24-VOLT NIPPONDENSO)
8	.....	COVER	1		
9	R96703	TIE BAND	1		
10	T146102	LABEL	1		(BYPASS START)
11	RE70756	KIT	1		(SOLENOID KIT)
12	RE70958	KIT	1		(STARTER AND SOLENOID KIT)
13	19M7786	SCREW	3	M10 X 30	
14	R71835	GASKET	1		

1G3

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3003: 24-VOLT DELCO-REMY)
TP50836 -UN-12JUN98



1G4

ENGINE 4

STARTING MOTOR AND FASTENINGS 0422

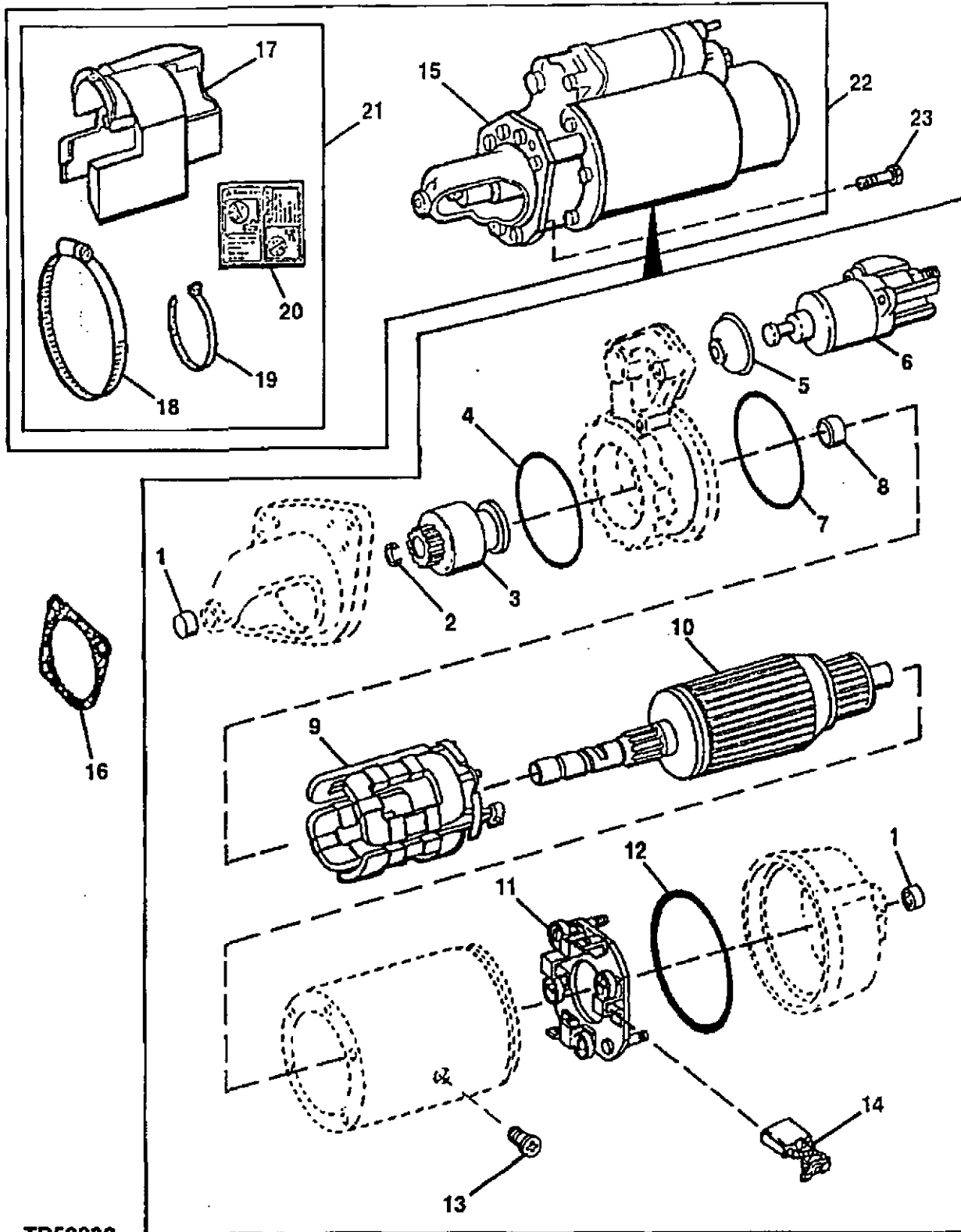
**STARTING MOTOR AND SOLENOID KIT
(CODE 3003: 24-VOLT DELCO-REMY)-REMY)**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R99695	BUSHING	2		
2	RE38619	DRIVE	1		
3	R62673	O-RING	1		
4	R99693	O-RING	1		
5	R11120	O-RING	1		
6	RE500715	SOLENOID	1		(SUB FOR RE38616)
7	RE38626	ELECTRICAL COIL	1		
8	RE38622	ARMATURE	1		
9	R99702	O-RING	1		120.320 X 2.616 MM (4.737" X 0.103")
10	RE38704	BRUSH	1		
11	R99698	BRUSH	2		
12	.....	STARTER MOTOR	1		(JD RE59586 24-VOLT DELCO-REMY)
13	R53108	GASKET	1		
14	AR102763	NUT	1		4.826 MM (0.190")
15	14H631	NUT	1		0.190"
16	H113196	TIE BAND	1		
17	T146102	LABEL	1		
18	R44302	TIE BAND	1		
19	RE41759	SHIELD	1		(SOLENOID PROTECTION)
20	RE65175	STARTER MOTOR KIT	1		(STARTER AND SOLENOID KIT)
21	19M7786	SCREW	3		M10 X 30

1G5

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3006: 12-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)
TP50832 -UN-12JUN98



TP50832

1G6

ENGINE 4

STARTING MOTOR AND FASTENINGS 0422

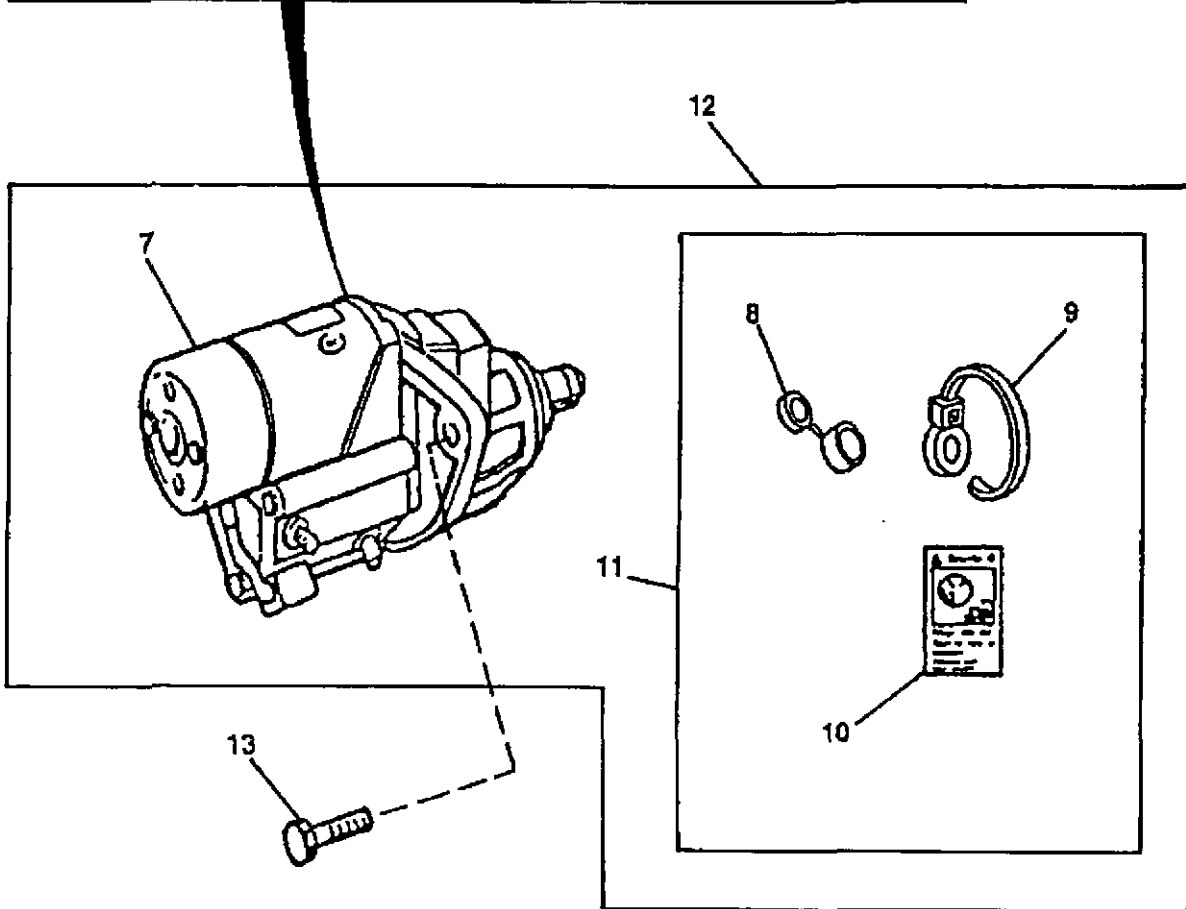
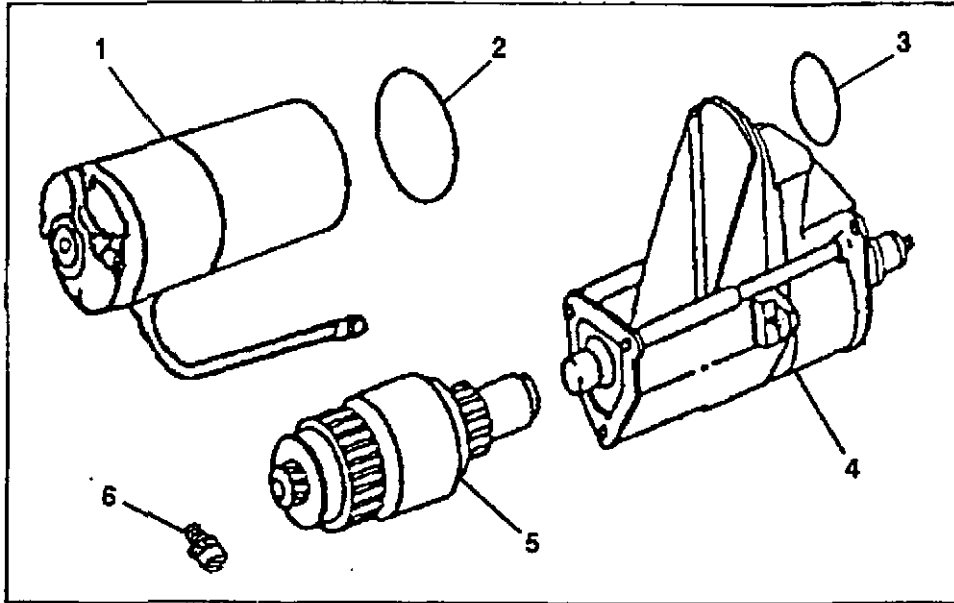
STARTING MOTOR AND SOLENOID KIT
(CODE 3006: 12-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE39251	NEEDLE BEARING	2		
2	R50902	SNAP RING	1		
3	RE39249	CLUTCH	1		
4	RT24581	WASHER	1		
5	R100513	COVER	1		
6	RE42777	SWITCH	1		
7	R100511	O-RING	1		108 X 2 MM (4.252" X 0.079")
8	R100509	BUSHING	1		
9	RE39243	FIELD WINDING COIL	4		
10	RE39245	ARMATURE	1		
11	RE39250	CARBON BRUSH HOLDER	1		
12	R100512	O-RING	1		124 X 2 MM (4.882" X 0.079")
13	R100508	SCREW	1		M10 X 12.500
14	RE39247	BRUSH	1		(SUB FOR RE39248)
15	.....	STARTER MOTOR	1		(JD RE59589 12-VOLT NIPPONDENSO)
16	R53108	GASKET	1		
17	.....	COVER	1		
18	TY22471	CLAMP	1		
19	R76477	TIE BAND	1		
20	T146102	LABEL	1		
21	RE45329	COVER	1		
22	.....	KIT	1		(STARTER AND SOLENOID KIT) (RE65176 NO LONGER AVAILABLE) (SUB RE70957)
23	19M7786	SCREW	3		M10 X 30

1G7

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3006: 12-VOLT NIPPONDENSO)DENSO)
(ENGINE SERIAL NO.709446-)
TP50833 -UN-15APR99



TP50833

1G8

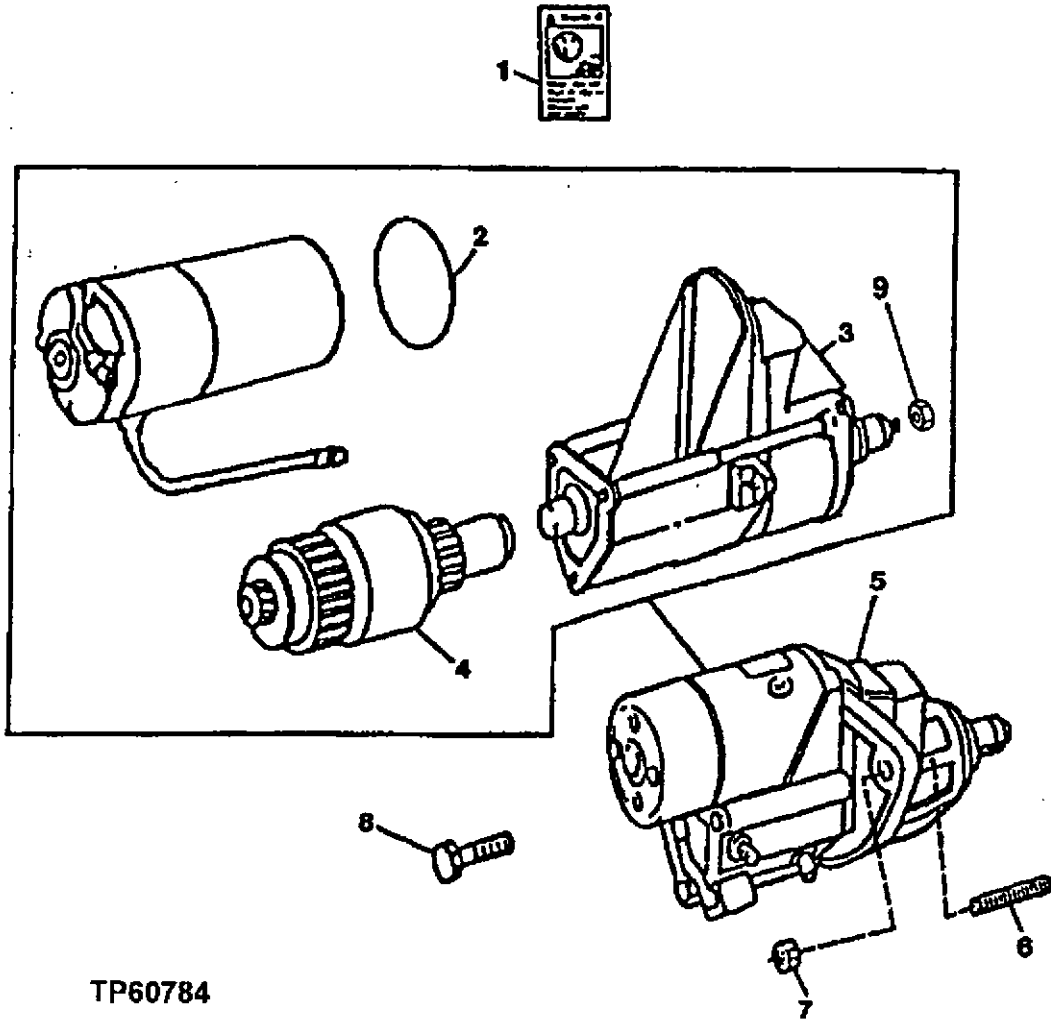
ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3006: 12-VOLT NIPPONDENSO)
(ENGINE SERIAL NO.709446-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	MOTOR	1		
2	R135509	SEAL	1		
3	R135510	O-RING	1		
4	RE70486	SWITCH	1		
5	RE70487	CLUTCH	1		
6	RE71256	SCREW, WITH WASHER	1	M5 X .8	
7	.....	STARTER MOTOR	1	(JD RE69704 12-VOLT NIPPONDENSO)	
8	.....	COVER	1		
9	R96703	TIE BAND	1		
10	T146102	LABEL	1	(BYPASS START)	
11	RE70756	KIT	1	(SOLENOID KIT)	
12	RE70957	STARTER MOTOR KIT	1	(STARTER AND SOLENOID KIT)	
13	19M7786	SCREW	3	M10 X 30	
14	R71835	GASKET	1		

1G9

STARTING MOTOR
(CODE 3007: 12-VOLT NIPPONDENSO)
TP60784 -UN-21DEC98



TP60784

1G10

ENGINE 4

STARTING MOTOR AND FASTENINGS 0422

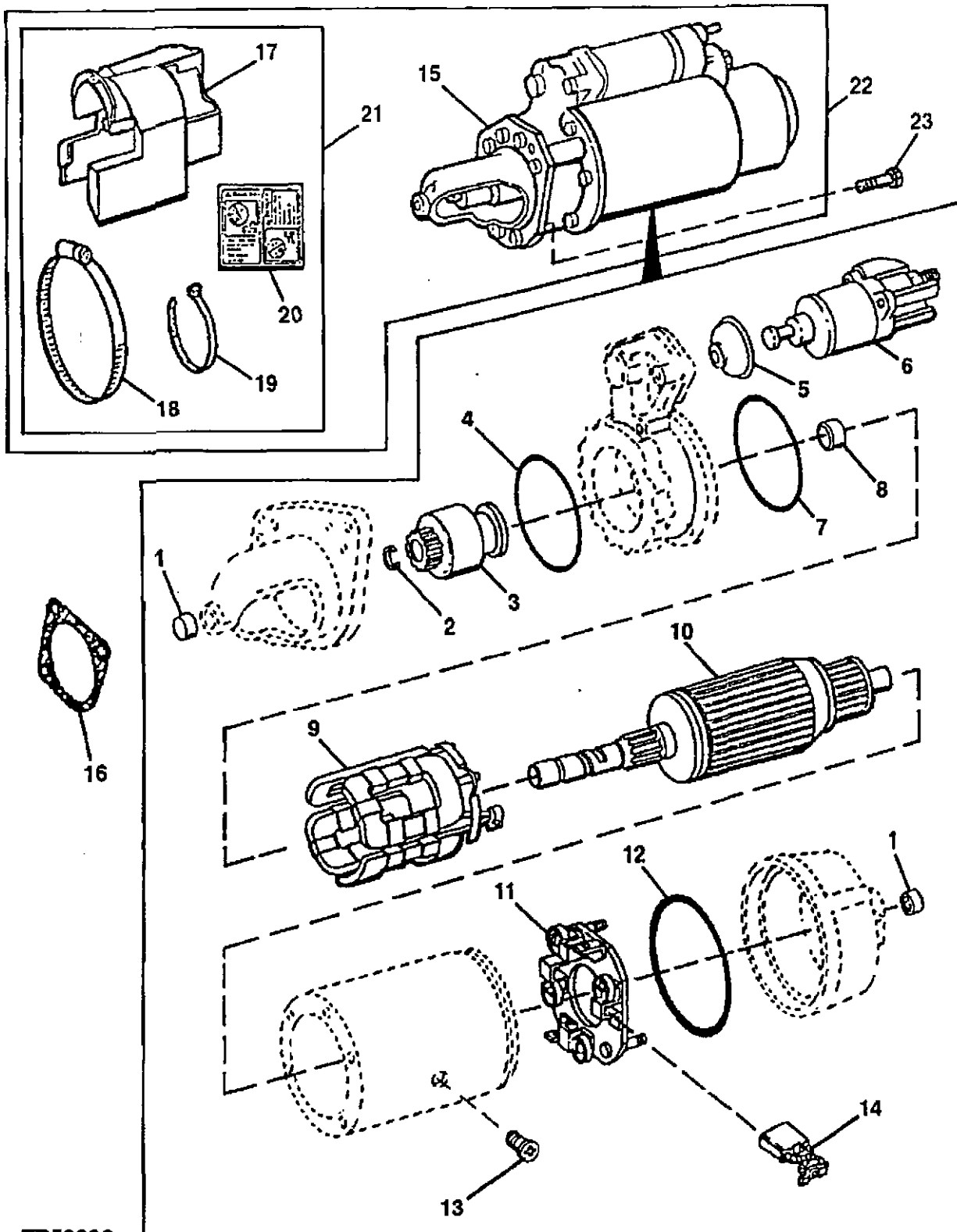
**STARTING MOTOR
(CODE 3007: 12-VOLT NIPPONDENSO)**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T146102	LABEL	1		(BYPASS START)
2	R114317	PACKING	1		
3	RE54099	SWITCH	1		
4	RE23378	CLUTCH	1	-708878	
	RE70269	CLUTCH	1	708879-	
5	.....	STARTER MOTOR	1	-708878	(12-VOLT NIPPONDENSO) (RE54092 NO LONGER AVAILABLE)
	RE68470	STARTER MOTOR	1	708879-	(12-VOLT NIPPONDENSO)
6	42M7058	STUD	1		
7	14M7296	FLANGE NUT	1		M10
8	19M7786	SCREW	1		M10 X 30
9	14M7274	NUT	1		M10

1G11

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3010: 12-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)
TP50832 -UN-12JUN98



TP50832

1G12

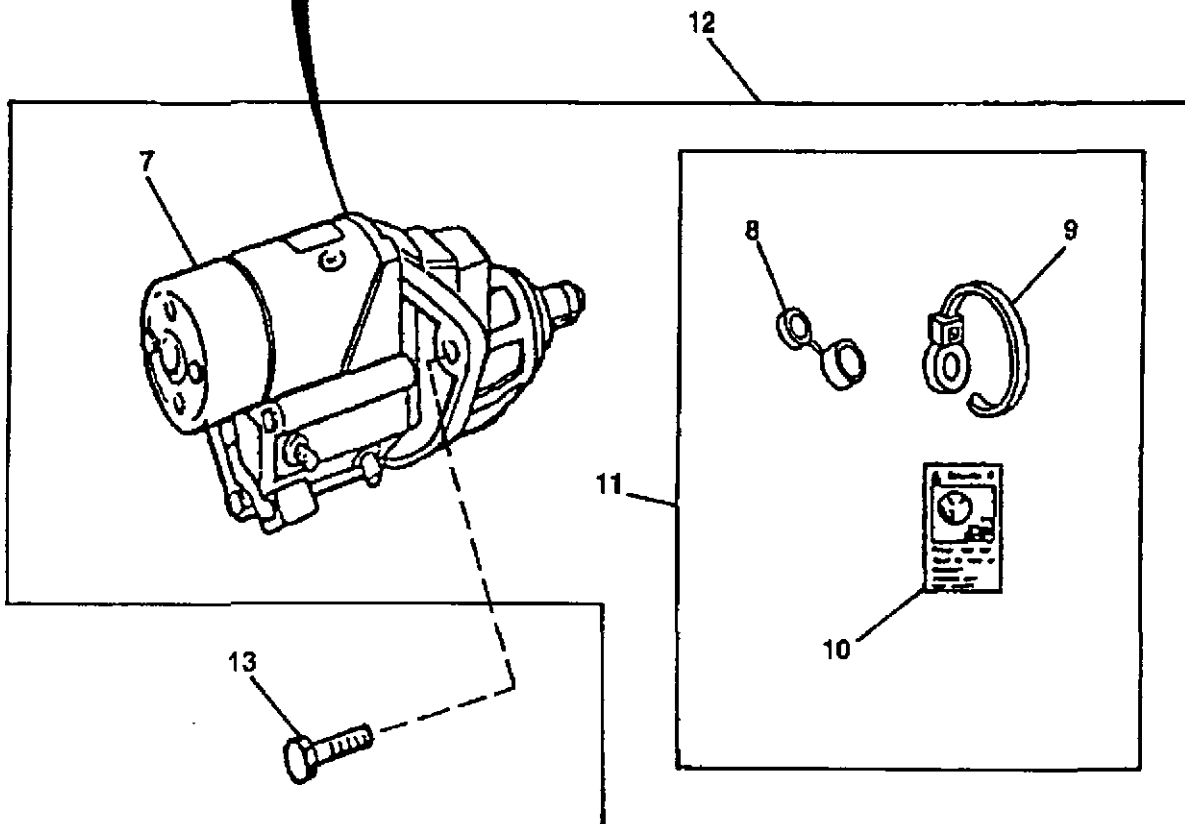
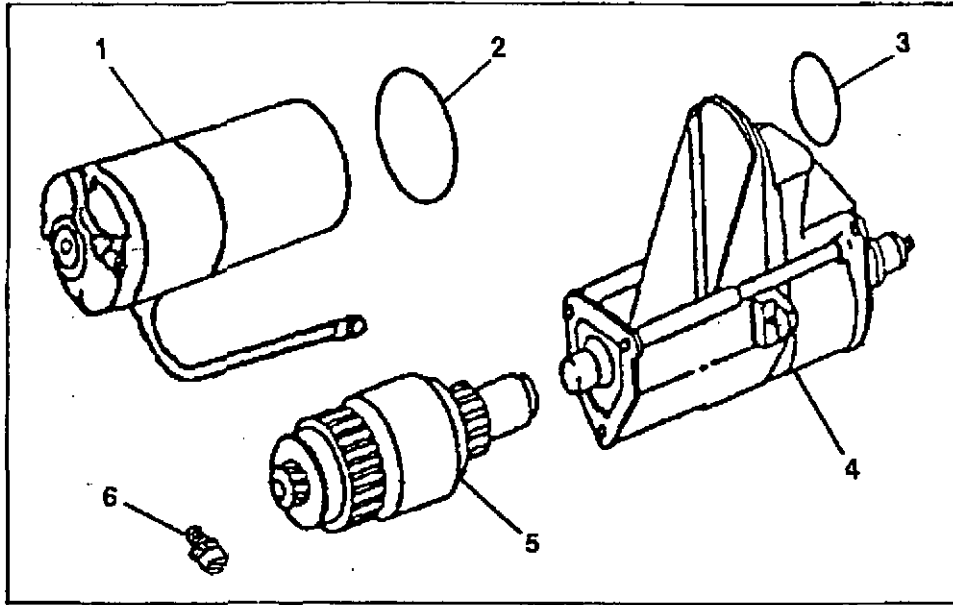
ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3010: 12-VOLT NIPPONDENSO)
(ENGINE SERIAL NO. -709445)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE39251	NEEDLE BEARING	2		
2	R50902	SNAP RING	1		
3	RE39249	CLUTCH	1		
4	R50901	WASHER	1		86.004 X 91.999 X 2.007 MM (3.386" X 3.622" X 0.079")
5	R100513	COVER	1		
6	RE42777	SWITCH	1		
7	R100511	O-RING	1		108 X 2 MM (4.252" X 0.079")
8	R100509	BUSHING	1		
9	.....	FIELD WINDING COIL	1		
10	.....	ARMATURE	1		
11	RE55087	CARBON BRUSH HOLDER	1		
12	R100512	O-RING	1		124 X 2 MM (4.882" X 0.079")
13	R100508	SCREW	1		M10 X 12.500
14	RE39247	BRUSH	1		(SUB FOR RE39248)
15	.....	STARTER MOTOR	1		(JD RE59583 12-VOLT NIPPONDENSO)
16	R53108	GASKET	1		
17	.....	COVER	1		
18	TY22471	CLAMP	1		
19	R76477	TIE BAND	1		
20	T146102	LABEL	1		
21	RE45329	COVER	1		
22	.....	KIT	1		(STARTER AND SOLENOID KIT) (SUB RE65188)
23	19M7786	SCREW	3		M10 X 30

1G13

STARTING MOTOR AND SOLENOID KIT
(CODE 3010: 12-VOLT NIPPONDENSO)DENSO)
(ENGINE SERIAL NO.709446-)
TP50833 -UN-15APR99



TP50833

1G14

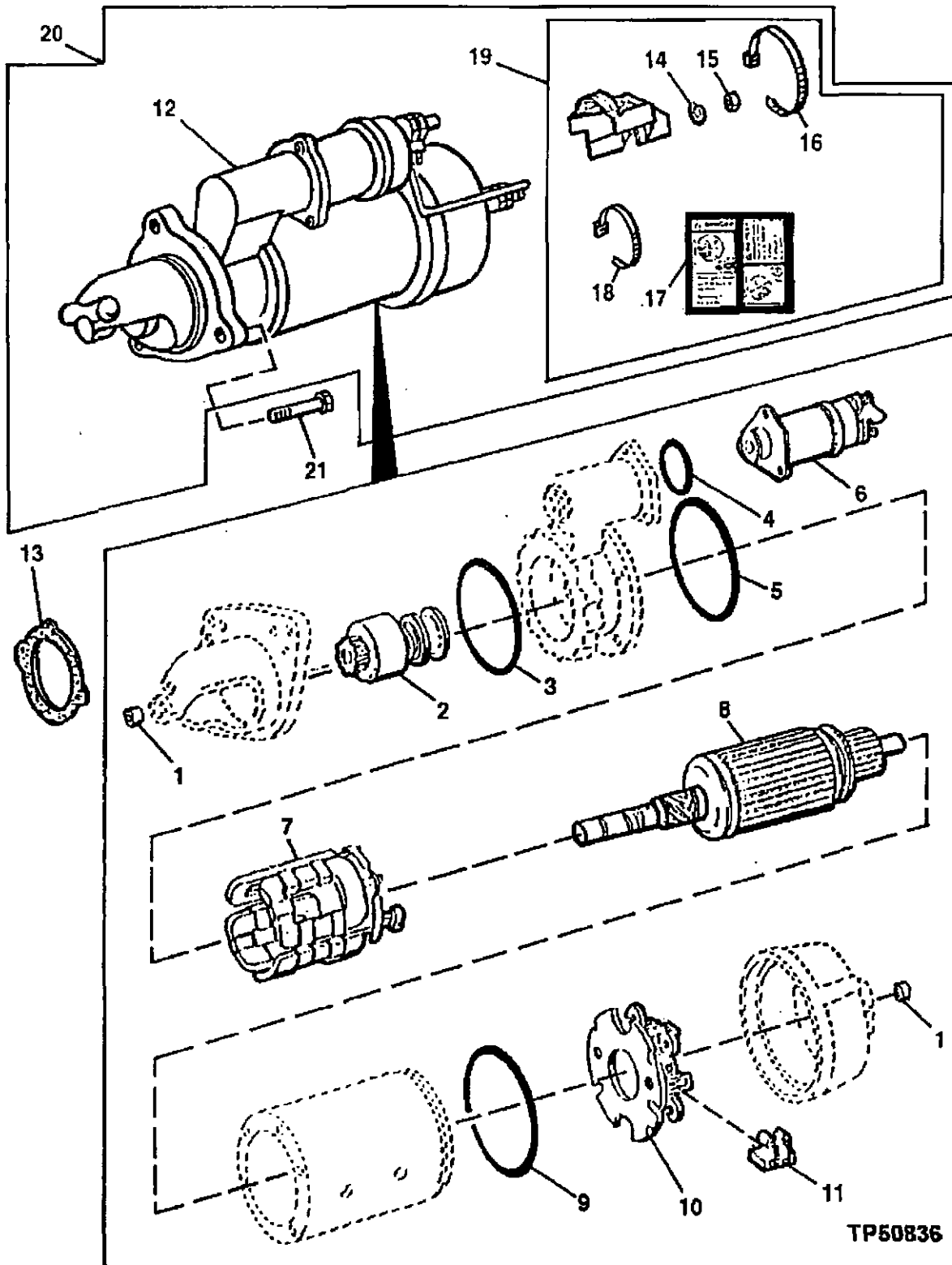
ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3010: 12-VOLT NIPPONDENSO)
(ENGINE SERIAL NO.709446-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	MOTOR	1		
2	R135509	SEAL	1		
3	R135510	O-RING	1		
4	RE70680	SWITCH	1		
5	RE70487	CLUTCH	1		
6	RE71256	SCREW, WITH WASHER	1	M5 X .8	
7	.....	STARTER MOTOR	1	(JD RE70474 12-VOLT NIPPONDENSO)	
8	.....	COVER	1		
9	R96703	TIE BAND	1		
10	T146102	LABEL	1	(BYPASS START)	
11	RE70756	KIT	1	(SOLENOID KIT)	
12	RE70960	STARTER MOTOR KIT	1	(STARTER AND SOLENOID KIT)	
13	19M7786	SCREW	3	M10 X 30	
14	R71835	GASKET	1		

1G15

STARTING MOTOR AND SOLENOID KIT
(CODE 3011: 24-VOLT DELCO-REMY)
TP50836 -UN-12JUN98



TP50836

1G16

ENGINE 4

STARTING MOTOR AND FASTENINGS 0422

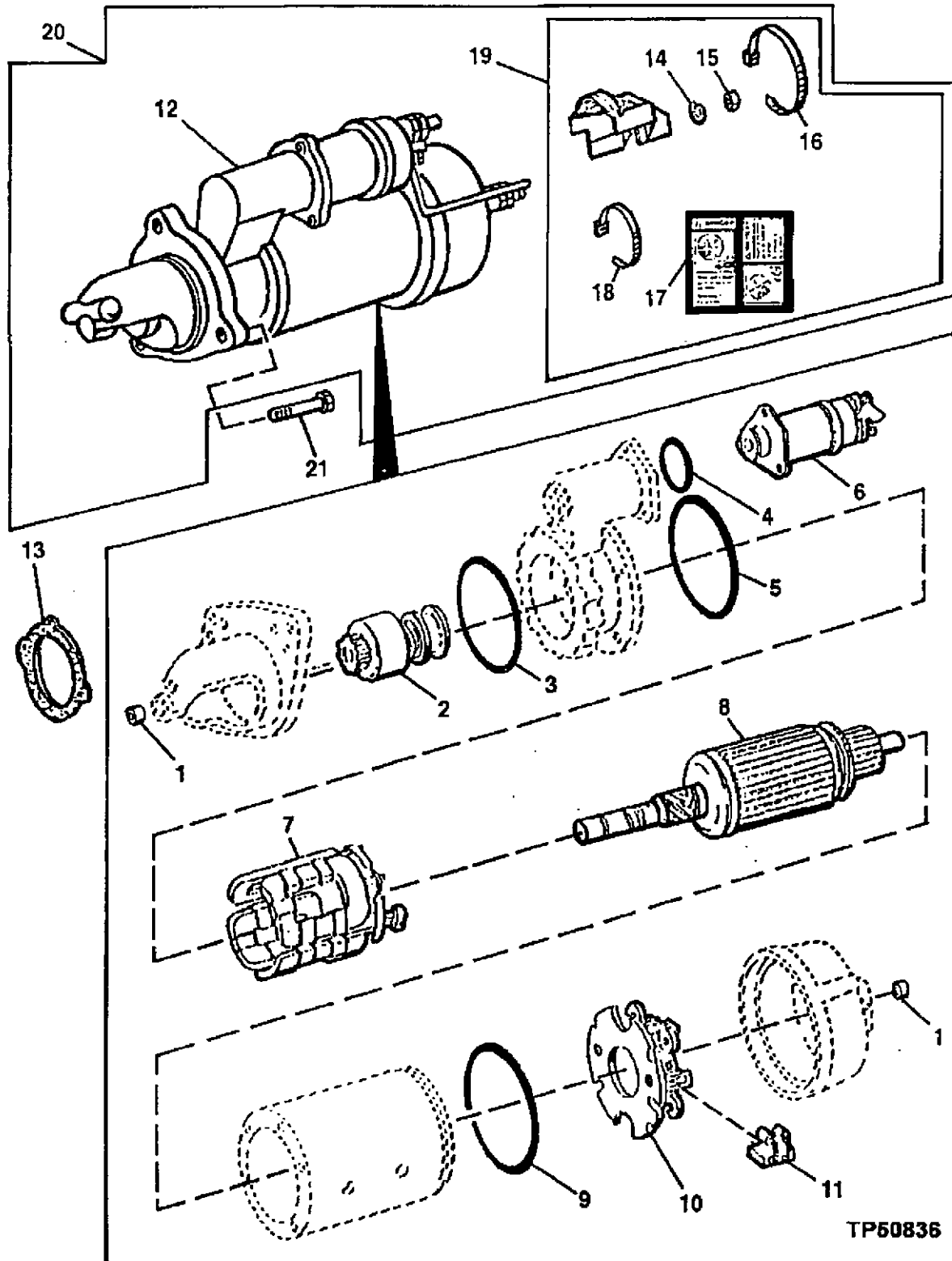
**STARTING MOTOR AND SOLENOID KIT
(CODE 3011: 24-VOLT DELCO-REMY)**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R99695	BUSHING	2		
2	RE38619	DRIVE	1		
3	R62673	O-RING	1		
4	R99693	O-RING	1		
5	R11120	O-RING	1		
6	RE500715	SOLENOID	1		(SUB FOR RE38616)
7	RE38626	ELECTRICAL COIL	1		
8	RE38622	ARMATURE	1		
9	R99702	O-RING	1		120.320 X 2.616 MM (4.737" X 0.103")
10	RE38704	BRUSH	1		
11	R99698	BRUSH	1		
12	.....	STARTER MOTOR	1		(JD RE59594 24-VOLT DELCO-REMY)
13	R53108	GASKET	1		
14	AR102763	NUT	1		4.826 MM (0.190")
15	14H631	NUT	1		0.190"
16	H113196	TIE BAND	1		
17	T146102	LABEL	1		
18	R44302	TIE BAND	1		
19	RE41759	KIT	1		(SOLENOID PROTECTION)
20	RE65189	STARTER MOTOR KIT	1		(STARTER AND SOLENOID KIT)
21	19M7786	SCREW	3		M10 X 30

1G17

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422
STARTING MOTOR AND SOLENOID KIT
(CODE 3013: 12-VOLT DELCO-REMY)

TP50836 -UN-12JUN98



1G18

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

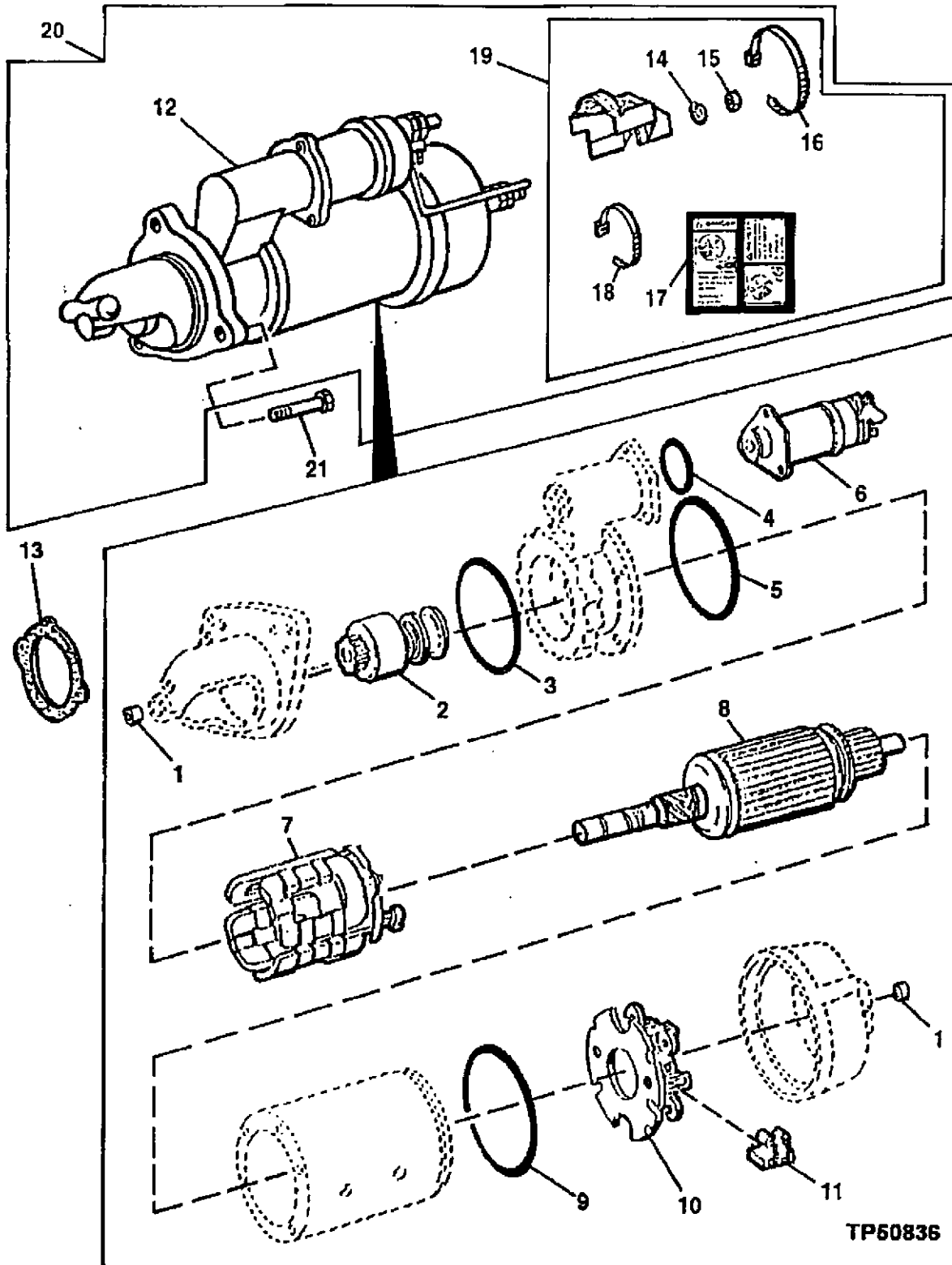
STARTING MOTOR AND SOLENOID KIT (CODE 3013: 12-VOLT DELCO-REMY)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R99695	BUSHING	2		
2	RE38619	DRIVE	1		
3	R62673	O-RING	1		
4	R99693	O-RING	1		
5	R11120	O-RING	1		
6	RE38615	SOLENOID	1		
7	RE38625	FIELD WINDING COIL	1		
8	RE38621	ARMATURE	1		
9	R99702	O-RING	1		120.320 X 2.616 MM (4.737" X 0.103")
10	RE38629	CARBON BRUSH HOLDER	1		
11	R99697	BRUSH	4		
12	.....	STARTER MOTOR	1		(JD RE59595 12-VOLT DELCO-REMY)
13	R53108	GASKET	1		
14	AR102763	NUT	1		4.826 MM (0.190")
15	14H631	NUT	1		0.190"
16	H173196	TIE BAND	1		
17	T146102	LABEL	1		
18	R44302	TIE BAND	1		
19	RE41759	SHIELD	1		(SOLENOID PROTECTION)
20	RE65190	STARTER MOTOR KIT	1		(STARTER AND SOLENOID KIT)
21	19M7786	SCREW	3		M10 X 30

1G19

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3025, 3026: 12-VOLT DELCO-REMY)
TP50836 -UN-12JUN98



1G20

ENGINE 4

STARTING MOTOR AND FASTENINGS 0422

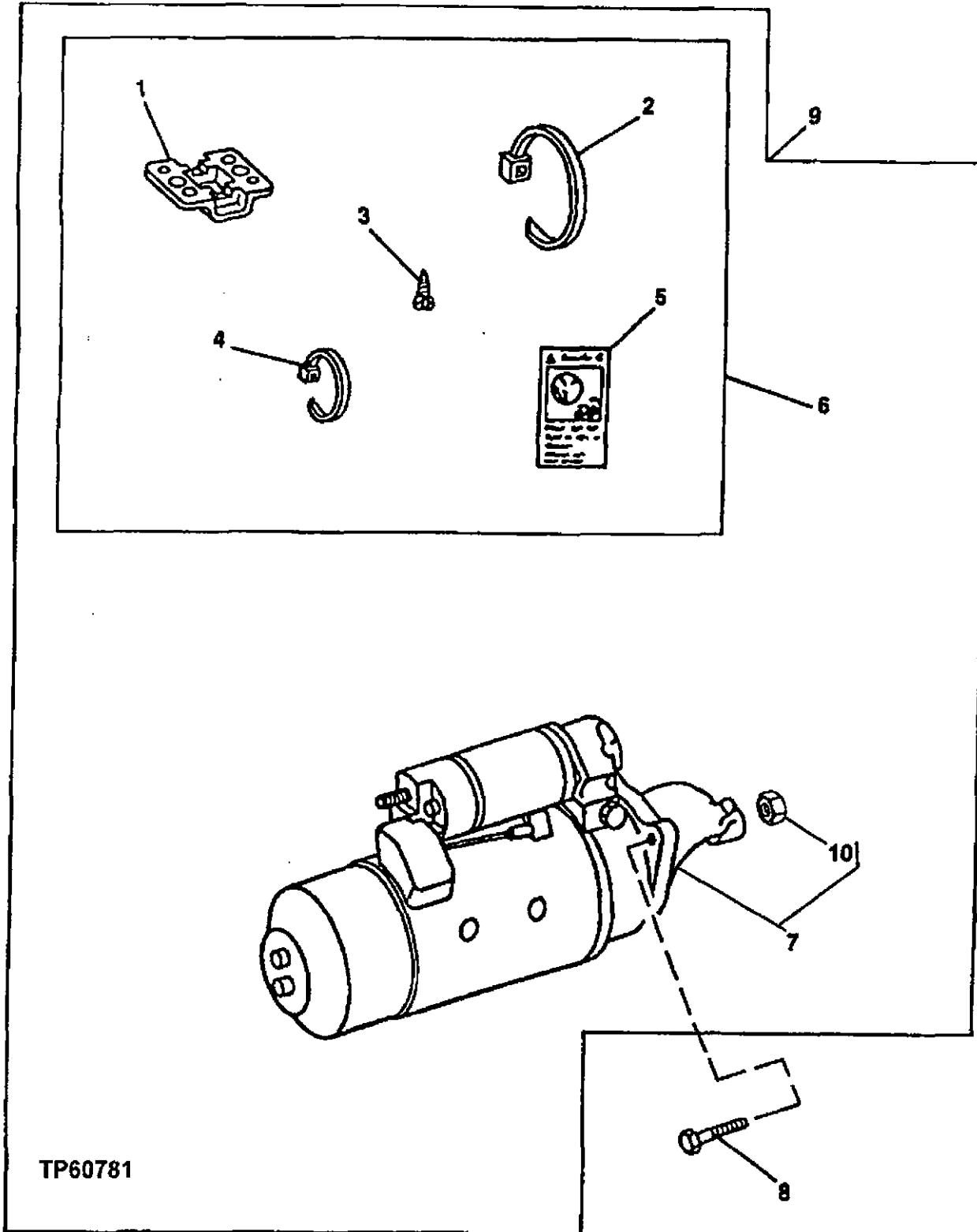
**STARTING MOTOR AND SOLENOID KIT
(CODE 3025, 3026: 12-VOLT DELCO-REMY)**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R99695	BUSHING	1		
2	RE64179	DRIVE	1		
3	R62673	O-RING	1		
4	R99693	O-RING	1		
5	R11120	O-RING	1		
6	RE64178	SOLENOID	1		(SUB FOR RE38616)
7	RE38625	FIELD WINDING COIL	1		
8	RE64180	ARMATURE	1		
9	R99702	O-RING	1		120.320 X 2.616 MM (4.737" X 0.103")
10	RE38629	CARBON BRUSH HOLDER	1		
11	R99697	BRUSH	4		
12	.....	STARTER MOTOR	1		(CODE 3025) (JD RE62911 12-VOLT DELCO-REMY)
	.....	STARTER MOTOR	1		(CODE 3026) (JD RE67432 12-VOLT DELCO-REMY)
13	R53108	GASKET	1		
14	AR102763	NUT	1		4.826 MM (0.190")
15	T4H631	NUT	1		0.190"
16	H113196	TIE BAND	1		
17	T146102	LABEL	1		
18	R44302	TIE BAND	1		
19	RE41759	SHIELD	1		(SOLENOID PROTECTION)
20	RE64474	STARTER MOTOR KIT	1		(CODE 3025) (STARTER AND SOLENOID KIT)
	RE501166	STARTER MOTOR KIT	1		(CODE 3026) (STARTER AND SOLENOID KIT)
21	19M7576	SCREW	3		M10 X 30

1G21

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3044: 24-VOLT NIPPONDENSO)
TP60781 -UN-21DEC98



1G22

ENGINE 4
STARTING MOTOR AND FASTENINGS 0422

STARTING MOTOR AND SOLENOID KIT
(CODE 3044: 24-VOLT NIPPONDENSO)

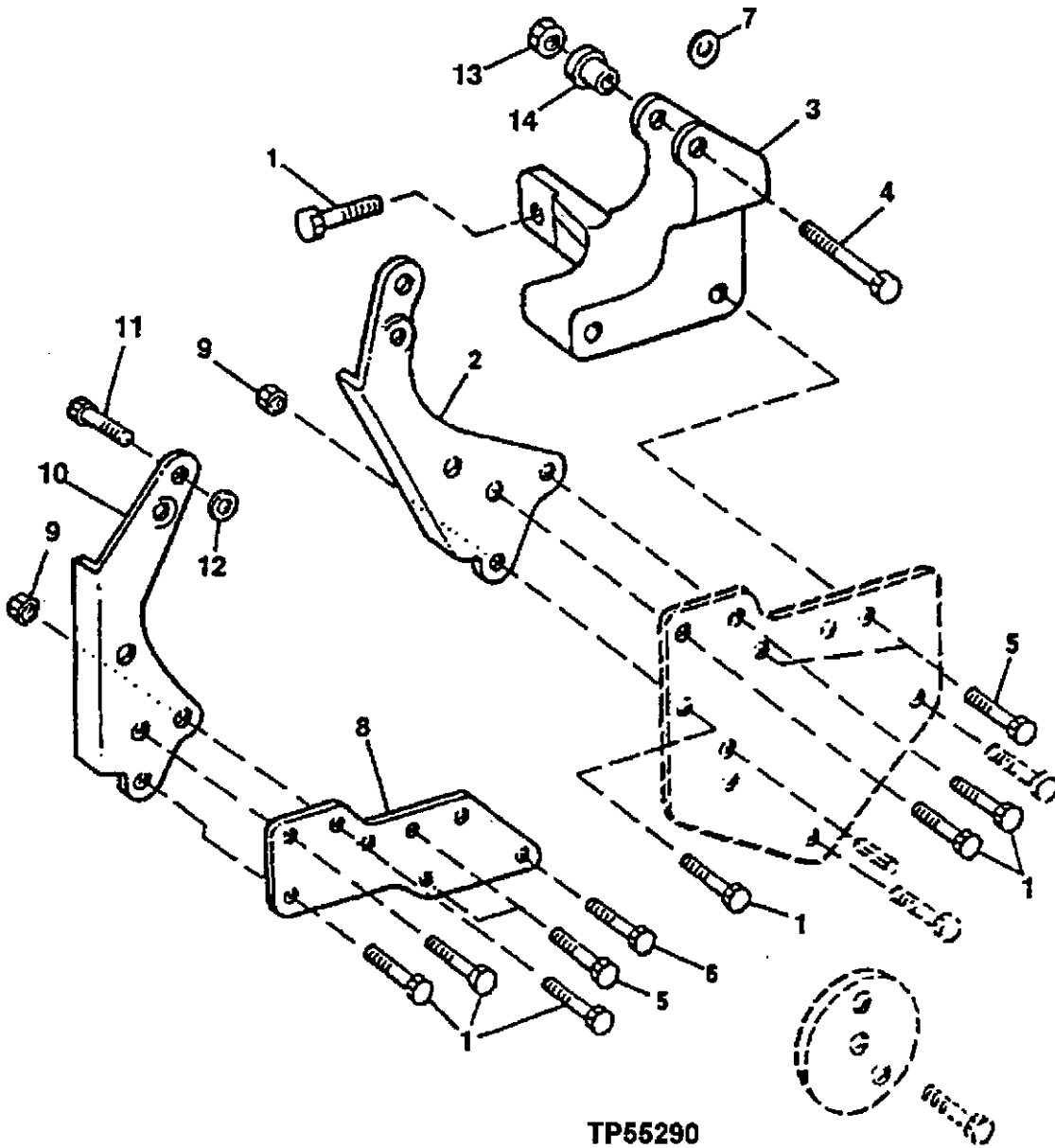
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	COVER	1		
2	R105388	TIE BAND	1		
3	37M7277	SCREW	1		
4	R44302	TIE BAND	2		
5	T146102	LABEL	1		
6	RE39062	KIT	1		(SOLENOID KIT)
7	.....	STARTER MOTOR	1		
8	19M7786	SCREW	2	M10 X 30	
9	RE48827	STARTER MOTOR KIT	1		(STARTER AND SOLENOID KIT)
10	14M7274	NUT	1	M10	

1G23

ENGINE 4

ALTERNATOR AND GENERATOR MOUNTING 0423

ALTERNATOR MOUNTING BRACKETS CODE 6201 6202 AND 6203 ALTERNATOR BRACKETS
SUPPORTS D'ALTERNATEUR
DREHSTROMGENERATORCONSOLE
STAFFA DELL'ALTERNATORE
SOPORTE DEL ALTERNADOR
KONSOL FOR VAXELSTROEMSGENERATOR
TP55290 -UN-06MAR98



1G24

ENGINE 4

ALTERNATOR AND GENERATOR MOUNTING 0423

ALTERNATOR MOUNTING BRACKETS

CODE 6201 6202 AND 6203 ALTERNATOR BRACKETS

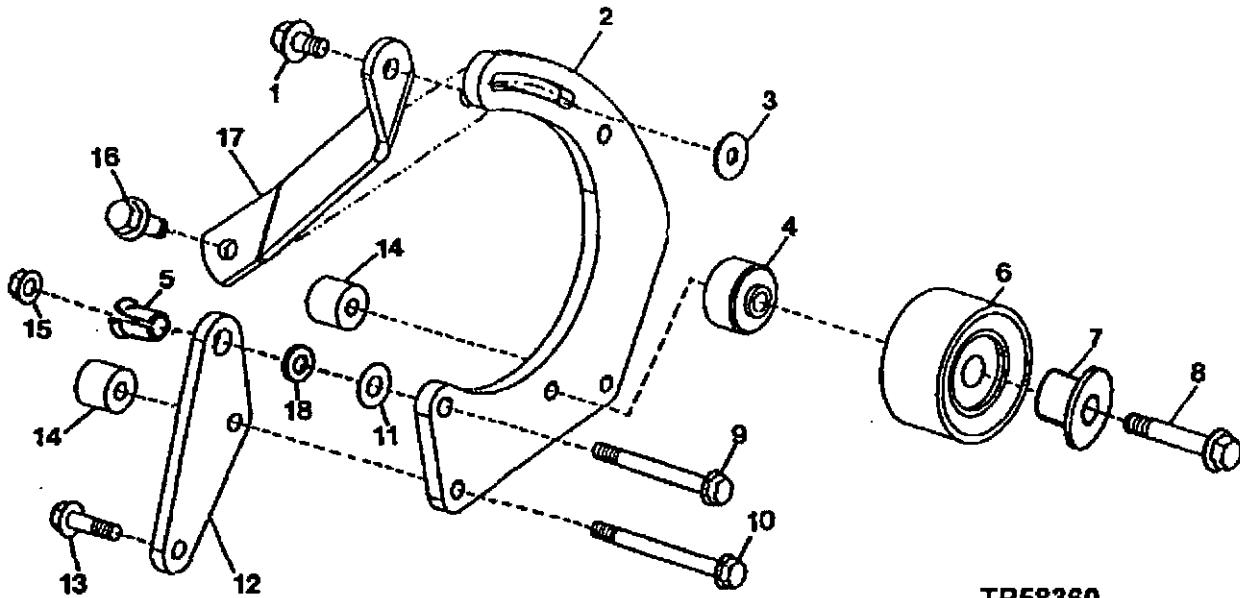
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7786	SCREW	2	M10 X 30	
2	R132167	STRAP	1	(CODE 6201,6202)	
3	R132166	BRACKET	1	(CODE 6201,6202,6203)	
4	19M7812	SCREW	1	M10 X 100	
5	19M7785	CAP SCREW	2	M10 X 25	
6	19M7801	SCREW	2	M8 X 60	
7	R64525	WASHER	1	(CODE 6202,6203)	
8	R132913	SUPPORT	1	(CODE 6202,6203)	
9	14M7296	FLANGE NUT	3	M10	
10	R132920	BRACKET	1	(CODE 6203)	
11	19M7867	SCREW	1	M8 X 25	
12	R48808	WASHER	1	8.128 X 15.748 X 3.937 MM (0.320" X 0.620" X 0.155")	
13	14M7296	FLANGE NUT	1	M10	
14	R100377	BUSHING	1		

1G25

ENGINE 4

ALTERNATOR AND GENERATOR MOUNTING 0423

ALTERNATOR BRACKET, MANUAL TENSIONER
 CODE 6212, 6211 ALTERNATOR BRACKET
 CODE 8711 MANUAL TENSIONER
 TP58360 -UN-23OCT98



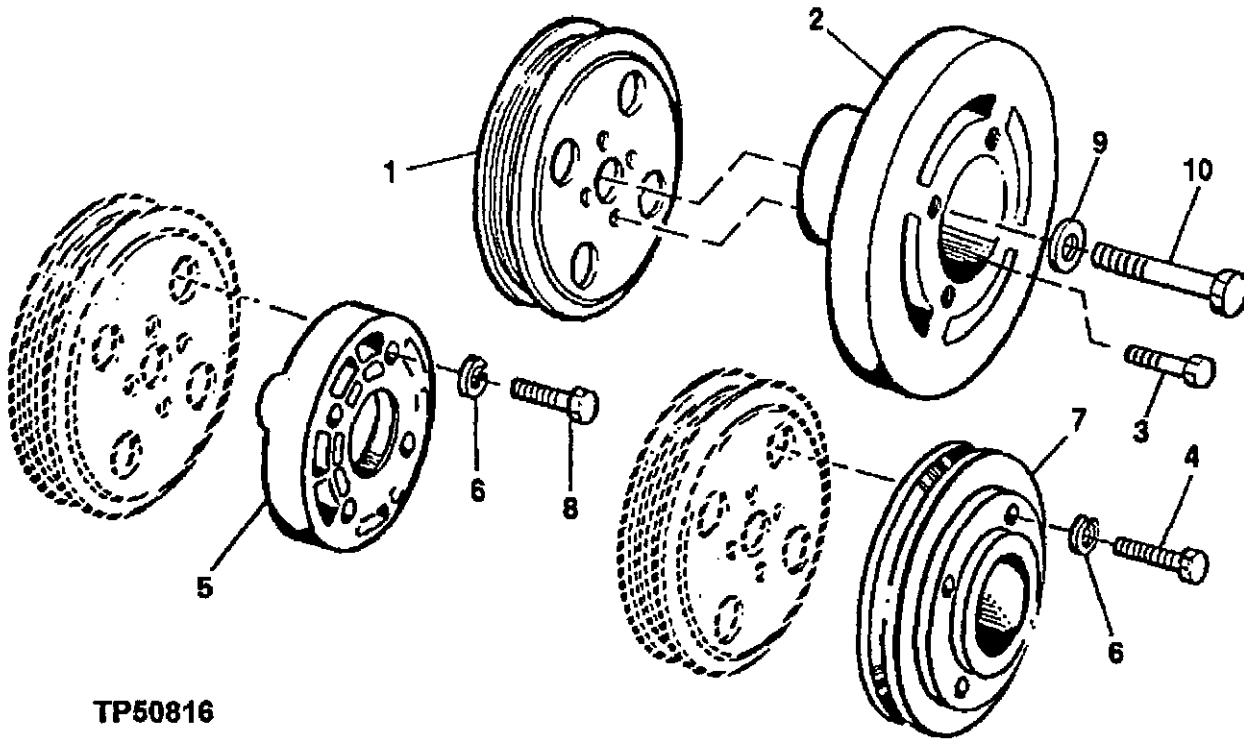
TP58360

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7783	SCREW	1	M10 X 16, (CODE 6211,6212)	
2	R500079	BRACKET	1	(CODE 6211,6212)	
3	24M7207	WASHER	1	8.400 X 24 X 2 MM, (CODE 6211,6212)	
4	R500320	SPACER	1	(CODE 6211,6212,8711)	
5	R501018	BUSHING	1	(CODE 6211,6212) 3/8" X 1"	
6	RE68722	PULLEY	1	(CODE 8711) (SUB FOR RE51281)	
7	R502079	SLEEVE	1	(CODE 6211,6212,8711) (SUB FOR R107749) (SUB FOR R500352, THIS APPLICATION)	
8	19M7807	SCREW	1	M10 X 60, (CODE 6211,6212,8711)	
9	19M8039	SCREW	1	M8 X 80, (CODE 6211,6212) M8 X 80	
10	19M9028	SCREW	1	M8 X 100, (CODE 6211,6212)	
11	R64525	WASHER	1	(CODE 6212) (SUB FOR R501016)	
12	R500080	BRACKET	1	(CODE 6211,6212)	
13	19M7868	SCREW	1	M8 X 30, (CODE 6211,6212)	
14	R500724	SPACER	2	(CODE 6212) BOSCH	
	R500078	SPACER	2	(CODE 6211) MAGNETON	
15	14M7298	FLANGE NUT	1	M8, (CODE 6211,6212)	
16	19M7785	SCREW	1	M10 X 25, (CODE 6211,6212)	
17	R500333	BRACKET	1	(CODE 6211,6212)	
18	R64525	WASHER	1	13/32" X 11/16" X 0.036"	

1H1

ENGINE 4
FAN DRIVE 0429

CRANKSHAFT PULLEY CODE 1305,1306,1308,1309 - PULLEYS, CODE 4101,4102,4103, CODE 3301-DAMPENER
CODE 6801 (6068DF150, 6068TF150, 6068TF151, 6068TF250, 6068HF150, 6068HF250,6068TF220)
CODE 6803 (6068HF250)
POULIE DE VILEBREQUIN
KURB. RIEMENSCHLEIBE
PULEGGIA, AL. A. GONIT
POLEA CIGUENAL
PEMSKIVA VEJAXEL
TP50816 -UN-16APR98



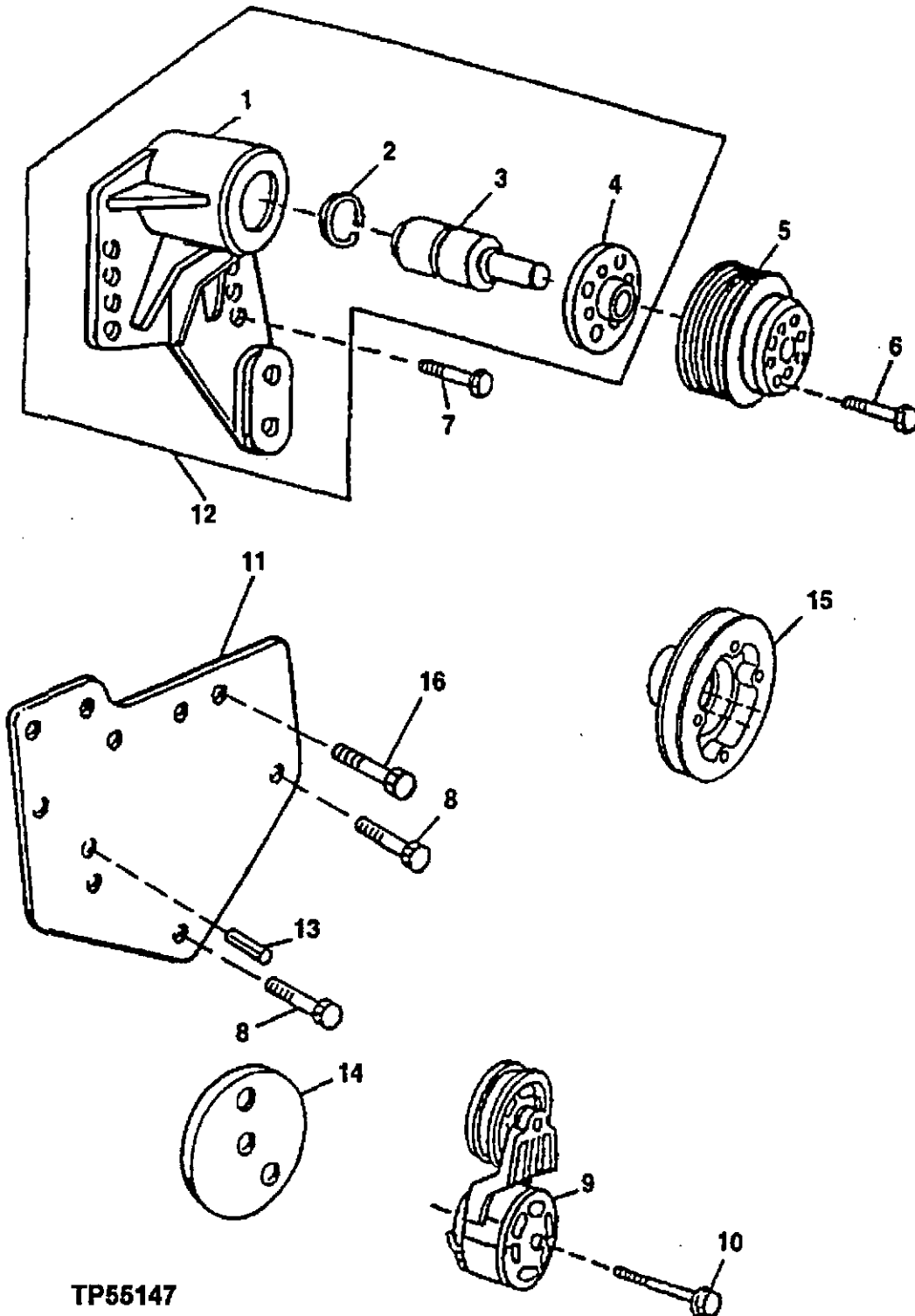
TP50816

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R133298	PULLEY	1	(CODE 1305,1308)	(SUB FOR R123188)
	R133295	PULLEY	1	(CODE 1306,1309)	(SUB FOR R123189)
2	RE59355	TORSIONAL DAMPENER	1	(CODE 6801)	(MARKED RE59355)
	RE500013	TORSIONAL DAMPENER	1	(CODE 6803)	(MARKED RE500013)
3	R121897	BOLT	4	(CODE 6801)	
	19M8943	SCREW	4	M10 X 50, (6803)	
4	19H2633	CAP SCREW	4	3/8" X 1-1/2", (CODE 4103)	
	19H2458	CAP SCREW	4	3/8" X 3", (CODE 4102)	
5	L34569	COUPLING	1	(CODE 4101)	
6	12H304	LOCK WASHER	4	3/8", (CODE 4101, 4102, 4103)	
7	R123411	PULLEY	1	(CODE 4102)	TRIPLE GROOVE
	R123413	PULLEY	1	(CODE 4103)	SINGLE GROOVE
8	L34575	SCREW	4	(CODE 4101)	
9	R500053	WASHER	1	(CODE 6803)	
10	19M8442	SCREW	1	M12 X 100, (CODE 6803)	

1H2

ENGINE 4
FAN DRIVE 0429

FAN DRIVE, PULLEYS AND BELT TENSIONERS CODE 2301-2321 FAN DRIVE 8601-8629 FAN PULLEY
CODE 8701, 8702 BELT TENSIONERS (6068DF150, 6068TF150, 6068TF250, 6068HF150, 6068HF250, 6068TF220)
ENTRAINEMENT VENTILAT./POULIE
LUEFTERANTRIEB/RIEMENSCHLEIBE
COMMANDO VENTILATORE/PULEGGIE
TP55147 -UN-08JUL97



TP55147

1H3

ENGINE 4
FAN DRIVE 0429

FAN DRIVE,PULLEYS AND BELT TENSIONERS
(CODE 2301,2303,2304,2321 FAN DRIVES)
(CODE 8601 THRU 8629 FAN PULLEYS)

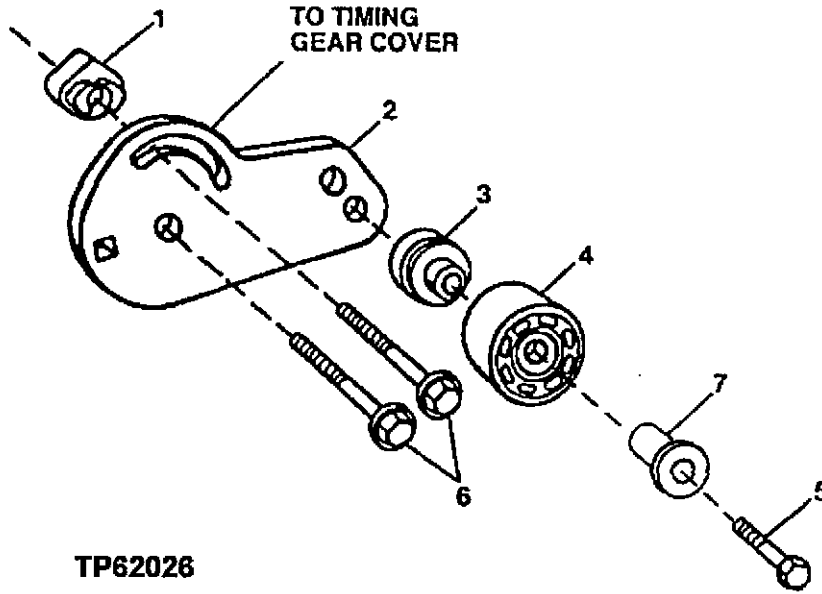
CODE 8701, 8702 BELT TENSIONERS (6068DF150, 6068TF150, 6068TF250, 6068HF150, 6068HF250,6069TF220)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	BEARING HOUSING W/ BEARING	1		
	.....	BEARING HOUSING W/ BEARING	1	(CODE 2303)	
	.....	BEARING HOUSING W/ BEARING	1	(CODE 2304)	
	.....	BEARING HOUSING W/ BEARING	1	(CODE 2321)	
2	E1343FN	SNAP RING	1	(CODE 2303,2304,2321)	
	H80753	SNAP RING	1	(CODE 2301)	
3	R116621	BEARING	1	(CODE 2301)	
	.....	BALL BEARING	1	(CODE 2303, 2304) (SUB RE500538, THIS APPLICATION)	
	.....	BALL BEARING	1	(CODE 2321)	
4	R500598	HUB	1	(CODE 2301) (SUB RE500539) (SUB FOR R116622)	
	.....	HUB	1	(CODE 2303, 2304, 2321) (MARKED R123284)	
5.	R128660	SHEAVE	1	(CODE 8602,8605,8608 AND 8611)	
	R128662	SHEAVE	1	(CODE 8603,8606,8609 AND 8612)	
	R128658	SHEAVE	1	(CODE 8601,8604,8607,8610,8629)	
6	19M7867	SCREW	4	M8 X 25, (CODE 6001)	
	19M7784	SCREW	4	M10 X 20, (CODE 8601 THRU 8612)	
7	19M7835	SCREW	4	M10 X 35, (CODE 2301, 2303, 2304)	
	19M7835	SCREW	2	M10 X 35, (CODE 2321)	
	19M8292	SCREW	2	M10 X 50, (CODE 2321)	
8	19M7801	SCREW	2	M8 X 60, (CODE 8702)	
9	RE70536	SHEAVE	1	(CODE 8701,8702) (SUB FOR RE59702)	
10	19M8131	SCREW	1	M10 X 70, (CODE 8701,8702) (SUB FOR 19M7808 AND 19M8340)	
11	R132168	SUPPORT	1	(CODE 8702) (SUB FOR R122270)	
12	RE500539	BEARING HOUSING W/ BEARING	1	(CODE 2301) (MARKED R500304) (SUB FOR RE59709)	
	RE500538	BEARING HOUSING W/ BEARING	1	(CODE 2303,2304) (SUB FOR RE59707)	
	RE502408	BEARING HOUSING W/ BEARING	1	(CODE 2321)	
13	34M7061	SPRING PIN	1	8 X 20 MM, (CODE 8702)	
14	R500321	SPACER	1	(CODE 8702)	
15	R123627	SHEAVE	1	(CODE 6001)	
16	19M7785	SCREW	2	M10 X 25	

1H4

ENGINE 4
FAN DRIVE 0429

DRIVE BELT TENSIONER(MANUAL),WITH AUX, DRIVE
CODE 8712
TP62026 -UN-15,JAN99



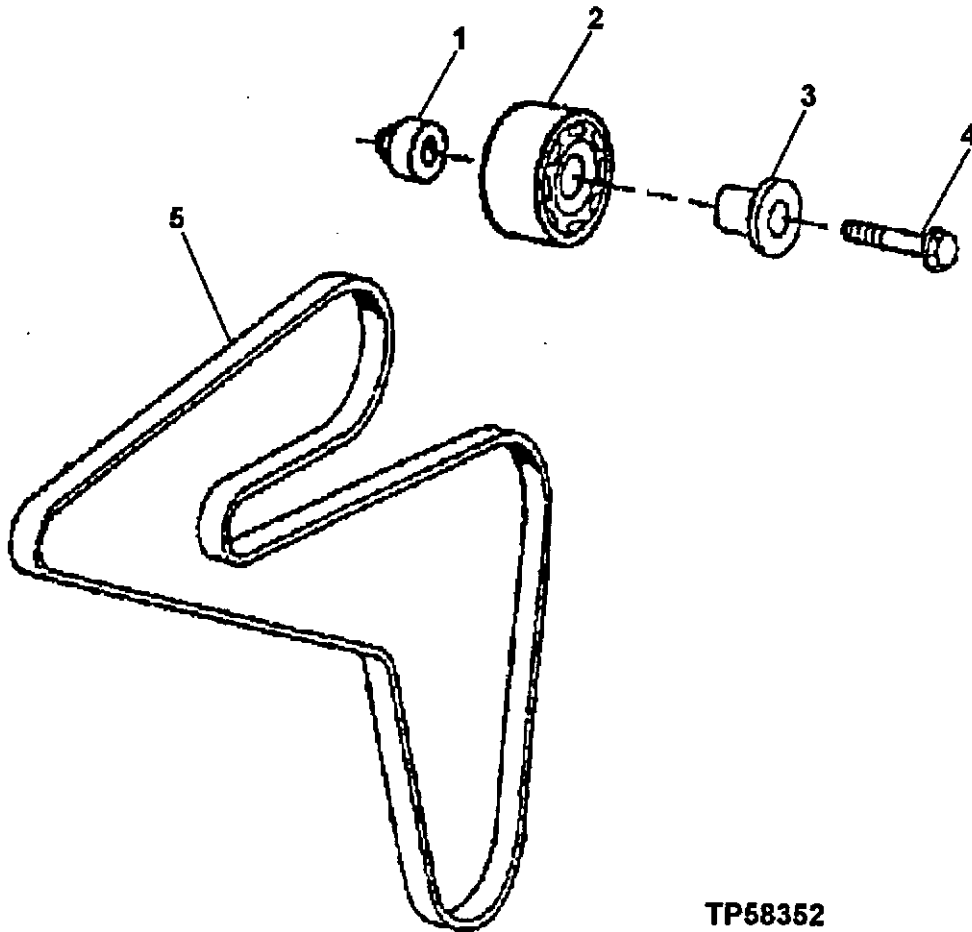
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500710	SPACER	1		
2	R500708	BRACKET	1		
3	R501466	SLEEVE	1		
4	RE68722	PULLEY	1		
5	19M8528	SCREW	1	M10 X 55	
6	19M7785	SCREW	2	M10 X 25	
7	R502079	SLEEVE	1		

MEMORANDA

1H5

ENGINE 4
FAN DRIVE 0429

FAN BELT, PULLEYS (2401 THRU 2416, 2420 THRU 2423, 2443, 2471 THRU 2477, 2479, 2486, 24AJ, 24AN,)
COURROIE VENTILATEUR/POULIE
LUEFTERRIEMEN/RIEMENSCHIEBE
CINGHIA DI VENTOLA/PULEGGIA
CORREA DEL VENTILADOR/POLEA
FLAECTREM/REMSKIVA
TP58352 -UN-28OCT98



TP58352

1H6

ENGINE 4
FAN DRIVE 0429

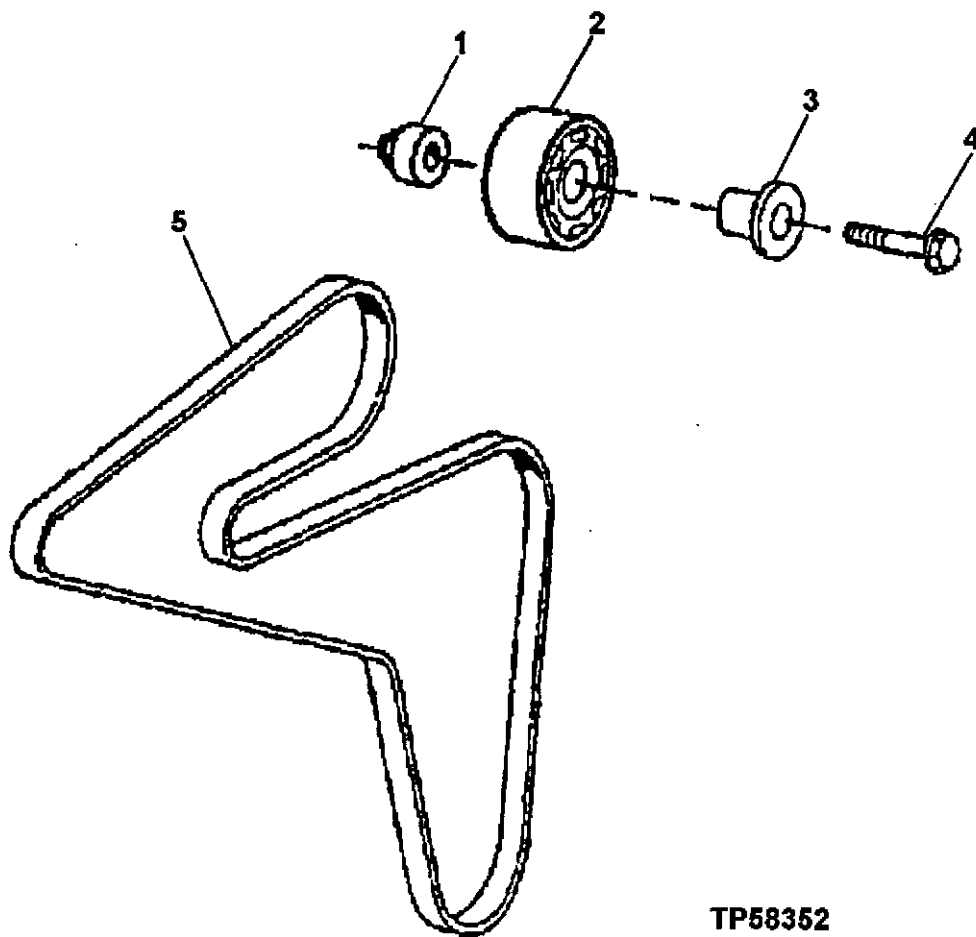
FAN BELT AND PULLEY (CODE 24AJ,24AN)
(CODE 2401, 2402, 2403, 2404, 2405, 2407)
(CODE 2408, 2409, 2411, 2412, 2413)
(CODE 2414,2415,2416,2420,2421,2422,2423)
(CODE 2443,2471,2472,2473,2475,2476,2477,2479)
(CODE 2486,240R,240S,240T,240V,240W)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500320	SPACER	1		(SUB FOR R107654) (CODE 2401 THRU 2415,240R,240S,240T,240V,240W 24AJ,24AN)
2	RE68722	PULLEY	1		(SUB FOR RE51281) (CODE2401 THRU 2415,240R,240S,240T,240V,240W, 24AJ,24AN)
3	R502079	SLEEVE	1		(SUB FOR R107749) (SUB FOR R500352, THIS APPLICATION)
4	19M7808	SCREW	1		M10 X 65, (CODE2401 THRU 2415,240R,240S,240T,240V,240W)
5	R123432	BELT	1		(CODE 2401,2422)
	RT23432	BELT	1	777167-	(CODE 2471,2404)
	R123436	BELT	1		(CODE 2402,2421,2479,240T,24AN)
	R123436	BELT	1	-777166	(CODE 2471)
	R123437	BELT	1		(CODE 240R)
	R123437	BELT	1	-777166	(CODE 2403)
	R123438	BELT	1		(CODE 2420, 240S)
	R123438	BELT	1	-777166	(CODE 2404)
	R123440	BELT	1		(CODE 2407,240W,24AJ)
	R123296	BELT	1		(CODE 2408,2472)
	R123441	BELT	1		(CODE 2409)
	R123442	BELT	1		(CODE 2443,2473)
	R123442	BELT	1	-777166	(CODE 2410)
	R123306	BELT	1		(CODE 2411)
	R123308	BELT	1		(CODE 2412)
	R123445	BELT	1		(CODE 2413,2416,2475,2477)
	R123449	BELT	1		(CODE 2414)
	R123450	BELT	1		(CODE 2415,2423,2476,240V)
	R122126	BELT	1		(CODE 2405)
	R122126	BELT	1	777167-	(CODE 2403)
	R501017	BELT	1		(CODE 2486)

1H7

ENGINE 4
FAN DRIVE 0429

FAN BELT AND PULLEYS CODE 2417,2418,2419,2424,2425,2427,2429,2431,2433,2435,2436,2438,2441,2496
COURROIE/POULIE
LUEFTERRIEMEN/RIEMENSCHIEBE
CINGHIA DI VENTOLA/PULEGGIE
CORREA DEL VENTILADOR/POLEA
FLAECTREM/REMSKIYA
TP58352 .UN-28OCT98



TP58352

1H8

ENGINE 4
FAN DRIVE 0429

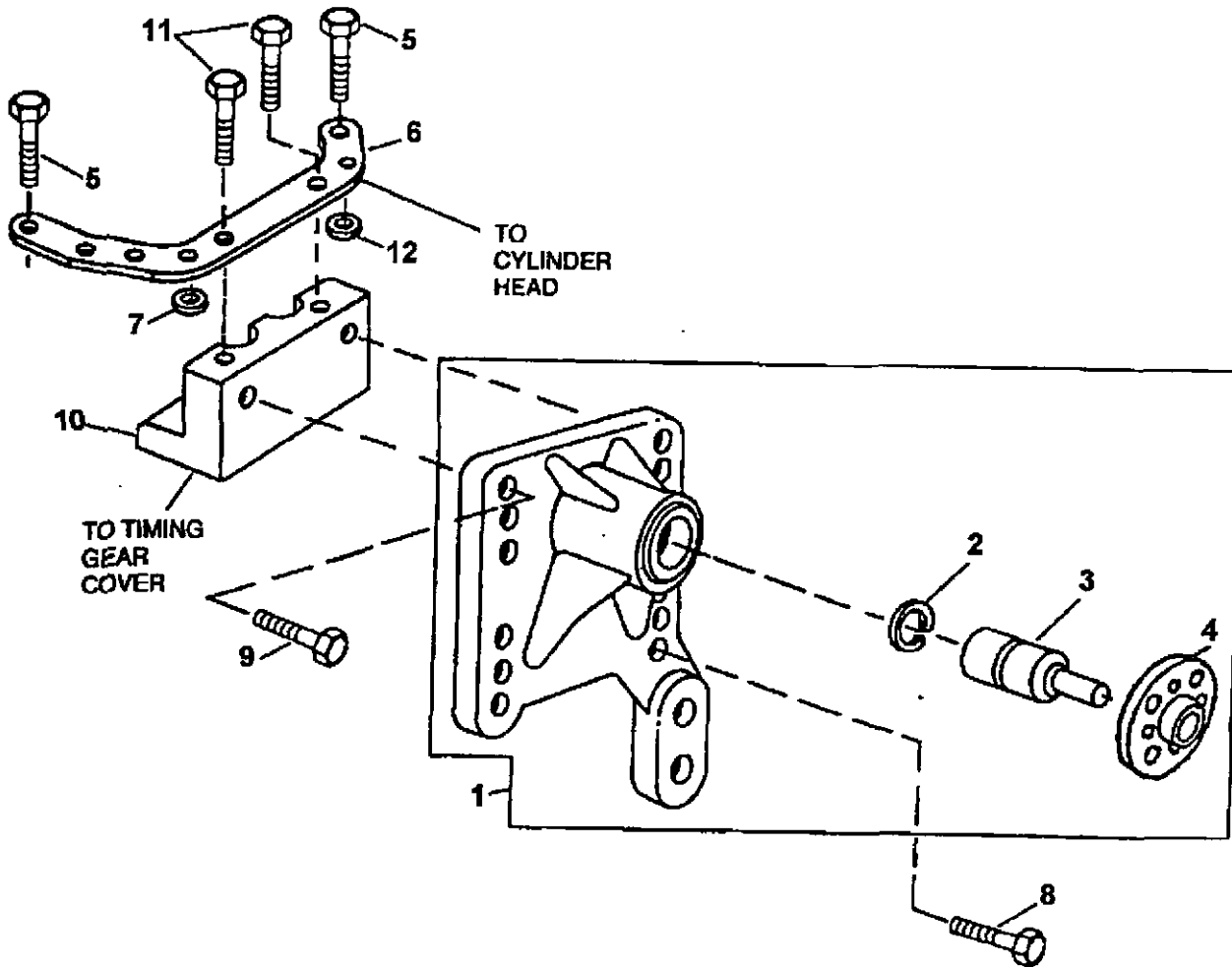
FAN BELT AND PULLEY
CODE 2417,2418,2419,2424,2425 AND 2427
CODE 2429,2431,2433,2435,2436,2438,2441 AND 2478
CODE 2480,2482 AND 2496 NO FAN BELT)
CODE 240F, 240K FAN BELT

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500320	SPACER	1		(CODE 2433,2496) (SUB FOR R107654)
2	RE68722	PULLEY	1		(SUB FOR RE51281) (CODE 2433 AND 2496)
3	R502079	SLEEVE	1		(SUB FOR R107749)
4	19M7808	SCREW	1		M10 X 65, (CODE 2433 AND 2496)
5	R123456	BELT	1		(CODE 2424,240F)
	R123456	BELT	1	-777166	(CODE 2436)
	R123459	BELT	1		(CODE 2427,240K)
	R123461	BELT	1		(CODE 2429,2438,2482)
	R123465	BELT	1		(CODE 2433, 2435)
	R123306	BELT	1		(CODE 2441)
	R123451	BELT	1		(CODE 2417,2435,2478)
	R123454	BELT	1		(CODE 2419)
	R123453	BELT	1		(CODE 2418)
	R123463	BELT	1		(CODE 2431)
	R123457	BELT	1		(CODE 2425,2480)

1H9

ENGINE 4
FAN DRIVE 0429

FAN DRIVE SUPPORT, (NODULAR IRON) HEAVY DUTY
(CODES 2313, 2312, 2314)
TP58255 -UN-06OCT97



1H10

ENGINE 4
FAN DRIVE 0429

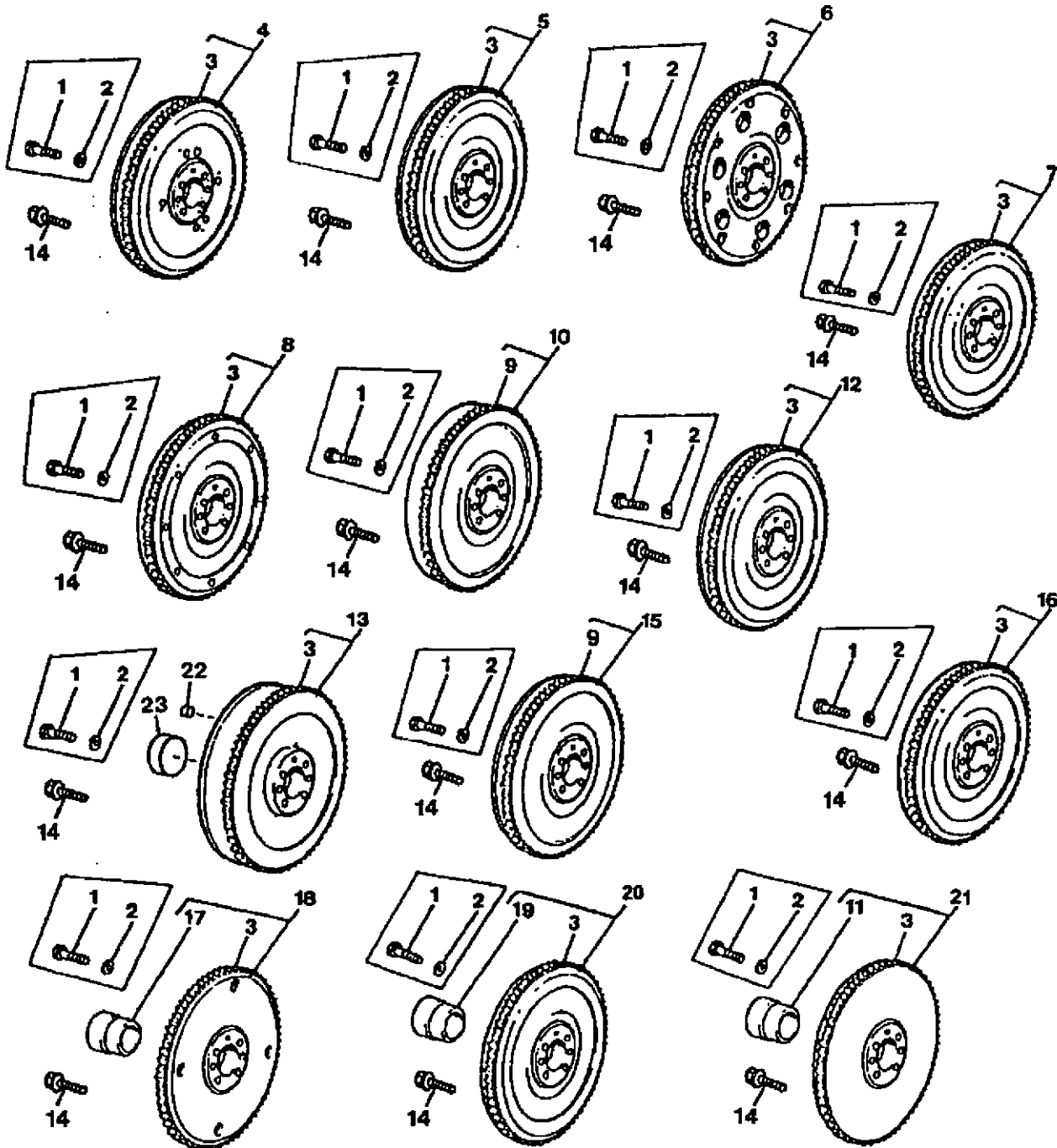
FAN DRIVE SUPPORT, (NODULAR IRON) HEAVY DUTY
(CODES 2312, 2313, 2314)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE503664	SUPPORT	1		(MARKED R502014) (SUB FOR RE70177)
2	E1343FN	SNAP RING	1		
3	.....	SHAFT	1		(RE69292 NO LONGER AVAILABLE)
4	.....	HUB	1		(MARKED R123284)
5	19M7790	SCREW	2		M12 X 35
6	R134891	BRACKET	1		
7	T151858	WASHER	1		(LH) (CODE 2314)
8	19M7835	SCREW	4		M10 X 35
9	19M7784	SCREW	2		M10 X 20
10	R134890	SPACER	1		
11	19M7786	SCREW	2		M10 X 30
12	H98792	WASHER	1		(RH)

1H11

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

ENGINE FLYWHEEL CODE 1501 THRU 1513,1515,1544 AND 1553
VOLANT
SCHWUNGRAD
VOLANO
VOLANTE
SUAENGHSM
TP58401 -UN-15DEC98



TP58401

1H12

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

ENGINE FLYWHEEL

FLYWHEEL CODE 1501,1502,1503,1504,1505
FLYWHEEL CODE 1506,1507,1508,1509,1510
FLYWHEEL CODE 1511,1512,1513,1515,1544 AND 1553

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7493	CAP SCREW	AR	-708963	M12 X 40
2	T77258	WASHER	AR	-708963	
3	R28811	RING GEAR	1		(129 TEETH)
4	RE500511	FLYWHEEL	1		(CODE 1501) (MARKED R122406) (SUB FOR RE58571)
5	RE500398	FLYWHEEL	1		(CODE 1503) (MARKED R500219) (SUB FOR RE500398)
6	RE500513	FLYWHEEL	1		(CODE 1504) (MARKED R122410) (SUB FOR RE58575)
7	RE500514	FLYWHEEL	1		(CODE 1505) (MARKED R122408) (SUB FOR RE58573)
8	RE500512	FLYWHEEL	1		(CODE 1506) (MARKED R122407) (SUB FOR RE58572)
9	RE501476	FLYWHEEL	1		(CODE 1544) (MARKED R500726)
	R114282	GEAR	1		(CODE 1507 AND 1512) (142 TEETH)
10	RE58574	FLYWHEEL	1		(CODE 1507) (MARKED R122409)
11	R108587	SLEEVE	1		(CODE 1508)
12	RE500516	FLYWHEEL	1		(CODE 1509) (MARKED R123966) (SUB FOR RE60279)
13	RE59315	FLYWHEEL	1		(CODE 1510,1511) (MARKED R123198)
	RE502470	FLYWHEEL	1		(CODE 1553) (MARKED R501321) (INCLUDES R34456 AND 30H9)
14	R135918	BOLT	6	708964-	
15	RE59337	FLYWHEEL	1		(CODE 1512) (MARKED R123209)
16	RE500518	FLYWHEEL	1		(CODE 1513) (MARKED R123227) (SUB FOR RE59435)
17	R123531	SLEEVE	1		(CODE 1515)
18	RE500529	FLYWHEEL	1		(CODE 1515) (MARKED R123515) (SUB FOR RE59779)
19	R123521	SLEEVE	1		(CODE 1502)
20	RE500137	FLYWHEEL	1		(CODE 1502) (MARKED R500096) (SUB FOR RE58569)
21	RE504534	FLYWHEEL	1		(CODE 1508) (MARKED R123202) (SUB FOR RE59339) (MARKED R123202 AND RE500515) (MARKED R123202)
22	30H9	PLUG	1		(CODE 1553)
23	R34456	CAP	1		(CODE 1553)

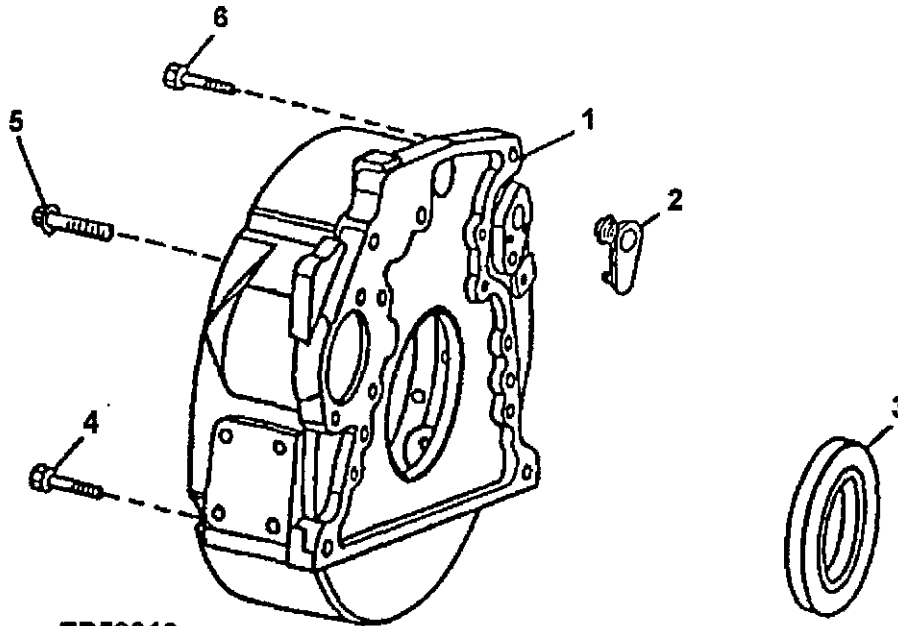
THIS PARTS LISTING IS CONTINUED

MEMORANDA

1H13

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

FLYWHEEL HOUSING CODE 1401 FLYWHEEL
 CARTER DE VOLANT
 SCHUNGRADGEHAEUSE
 CARCASSAVOLANO
 CARCASAVOLANTE
 HUS SVALGHJUL
 TP58313 -UN-17JUN98

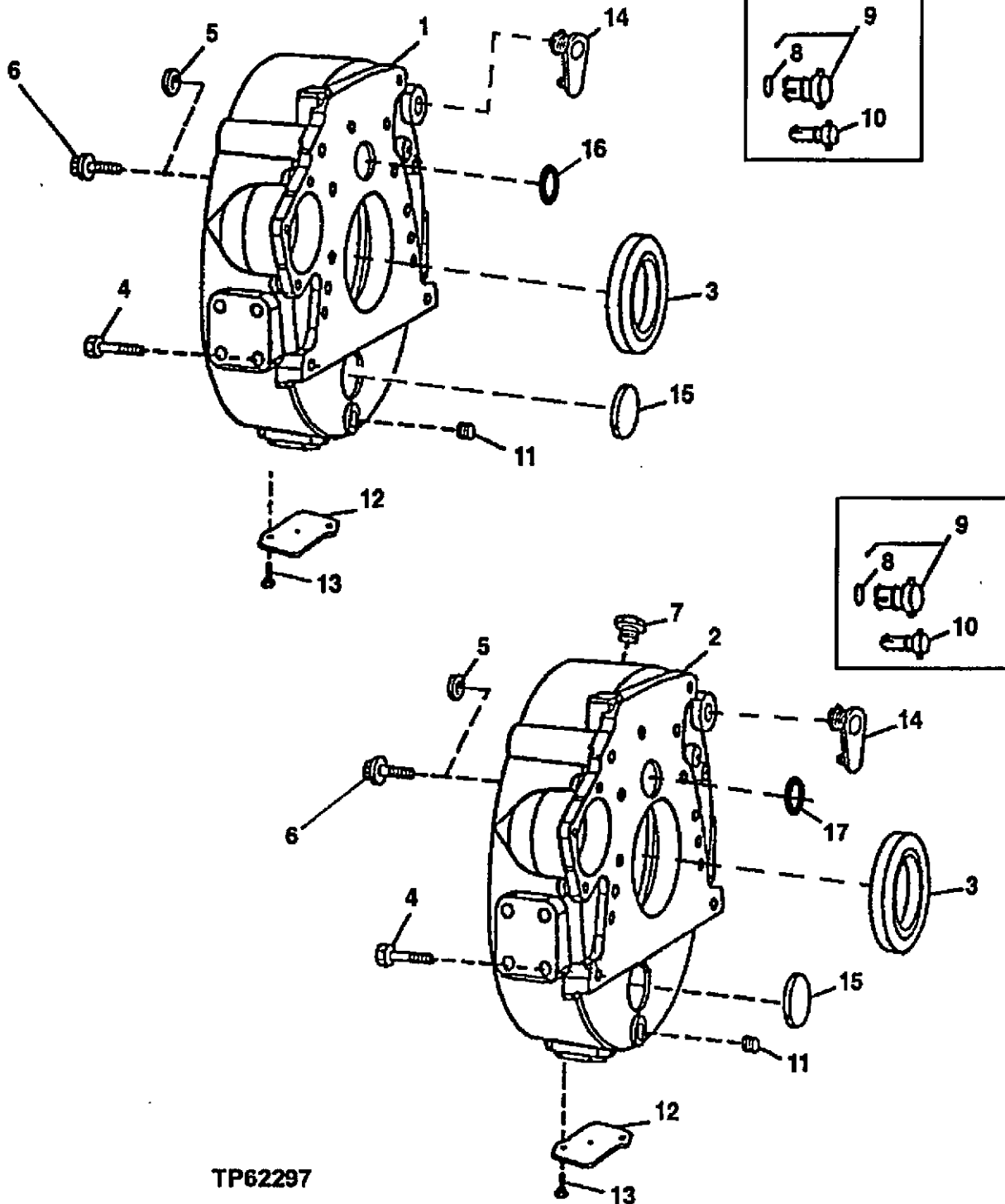


TP58313

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R501332	HOUSING	1		(SUB FOR R123214)
2	R131765	PLUG	1		
3	RE44574	SEAL	1		
4	19M7838	SCREW	2	M12 X 130	
5	R135918	BOLT	8		
6	19M8306	SCREW	2	M12 X 50	

1H14

ENGINE FLYWHEEL HOUSING CODE 1403 AND 1404 FLYWHEEL HOUSING
CARTER DE VOLANT
SCHUNGRADGEHAEUSE
CARCASSAVOLANO
CARCASAVOLANTE
HUS SVAEGHJUL
TP62297 -JN-17DEC99



TP62297

1H15

ENGINE 4

FLYWHEEL, HOUSING AND FASTENINGS 0433

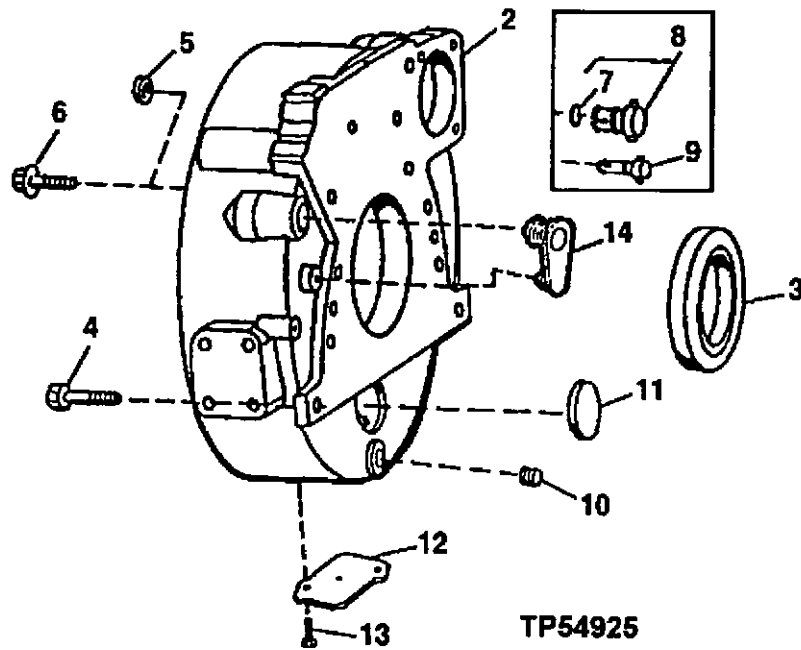
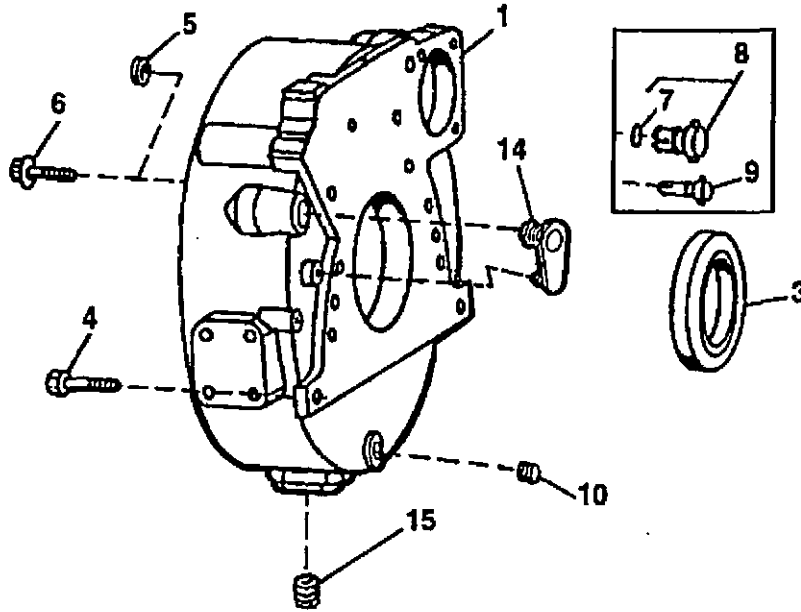
**ENGINE FLYWHEEL HOUSING
CODE 1403 AND 1404 FLYWHEEL HOUSING**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123208	HOUSING	1		(CODE 1403)
2	R122087	HOUSING	1	-XXXXXX	(CODE 1404) (SUB R502941 AND R61467)
	R502941	HOUSING	1	XXXXXX-	
3	RE44574	SEAL	1		
4	19M8306	SCREW	4		M12 X 50
5	T77258	WASHER	8		(USE WITH 19M7493)
6	R135918	BOLT	8		(SUB FOR 19M7493, THIS APPLICATION)
7	R39112	FITTING	1		(CODE 1404)
8	R27149	O-RING	1	-XXXXXX	
9	AR61533	PLUG	1	-XXXXXX	
10	AR61589	PLUG	1	-XXXXXX	
11	15H624	PIPE PLUG	1		1/2"
12	R121039	PLATE	2		(CODE 1404)
13	19M7923	CAP SCREW	2		M6 X 12, (CODE 1404)
14	R131768	PLUG	1	XXXXXX-	
15	T13518	CAP	1		(CODE 1404)
16	R61467	O-RING	1		(CODE 1403)
17	R61467	O-RING	1	XXXXXX-	(CODE 1404)

1H16

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

ENGINE FLYWHEEL HOUSING CODE 1405 AND 1406 FLYWHEEL HOUSING
CARTER DE VOLANT
SCHWUNGRADGEHAEUSE
CARCASSAVOLANO
HUS SVAEGHJUL
TP54925 -UN-30APR97



TP54925

1H17

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

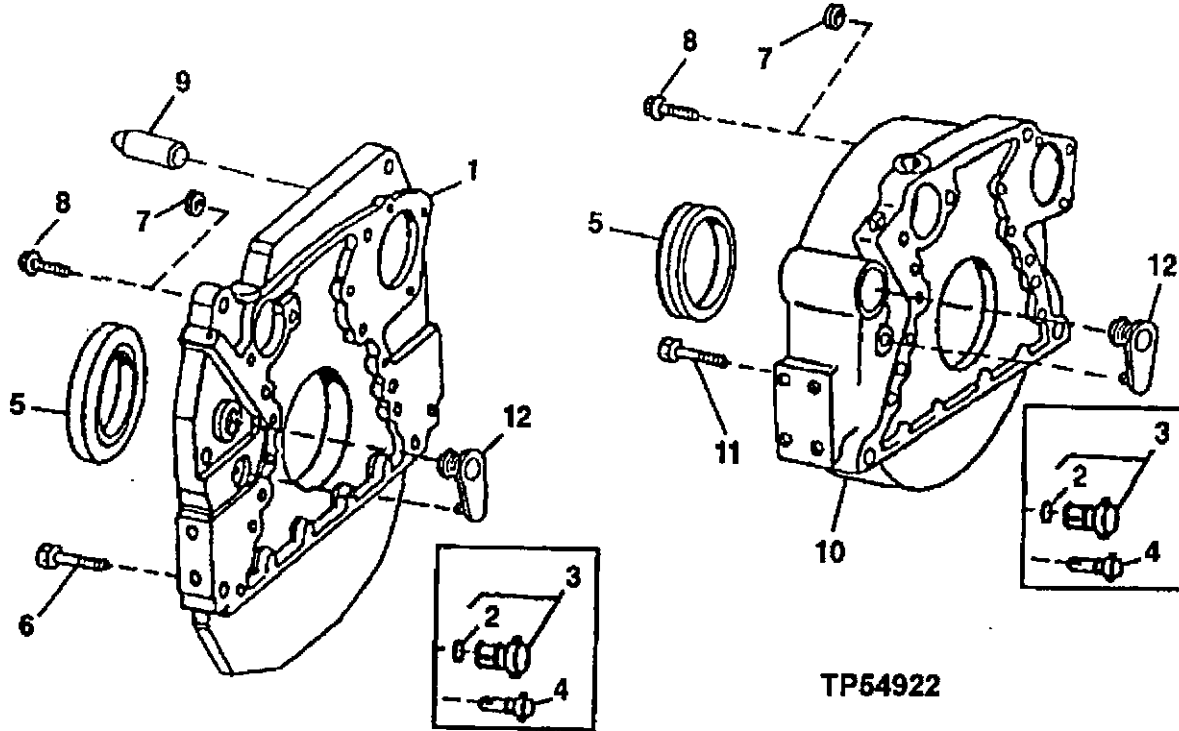
ENGINE FLYWHEEL HOUSING CODE 1405 AND 1406 FLYWHEEL HOUSING

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123687	HOUSING	1		(CODE 1405) (MARKED R121830)
2	R132006	HOUSING	1		(CODE 1406) (MARKED R121830) (SUB FOR R121793)
3	RE44574	SEAL	1		
4	19M8306	SCREW	4		M12 X 50
5	T77258	WASHER	8		13.005 X 21.006 X 2.286 MM (0.512" X 0.827" X 0.090") (USE WITH 19M7493)
6	R135918	BOLT	8		(SUB FOR 19M7493, THIS APPLICATION)
7	R27149	O-RING	1	-XXXXXX	
8	AR61533	PLUG	1	-XXXXXX	
9	AR61589	PLUG	1	-XXXXXX	
10	15H624	PIPE PLUG	1		1/2", (CODE 1404)
11	T13518	CAP	1		(CODE 1406)
12	R121039	PLATE	1		(CODE 1406)
13	19M7923	CAP SCREW	2		M6 X 12 (CODE 1406)
14	R131769	PLUG	1	XXXXXX-	
15	15H562	PIPE PLUG	1		1", (CODE 1405)

1H18

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

FLYWHEEL HOUSING CODE 1407 AND 1408 FLYWHEEL HOUSING
CARTER DE VOLANT
SCHUNGRADGEHÄUSE
CARCASSAVOLANTE
HUS SVAEGHJUL
TP54922 -UN-30APR97



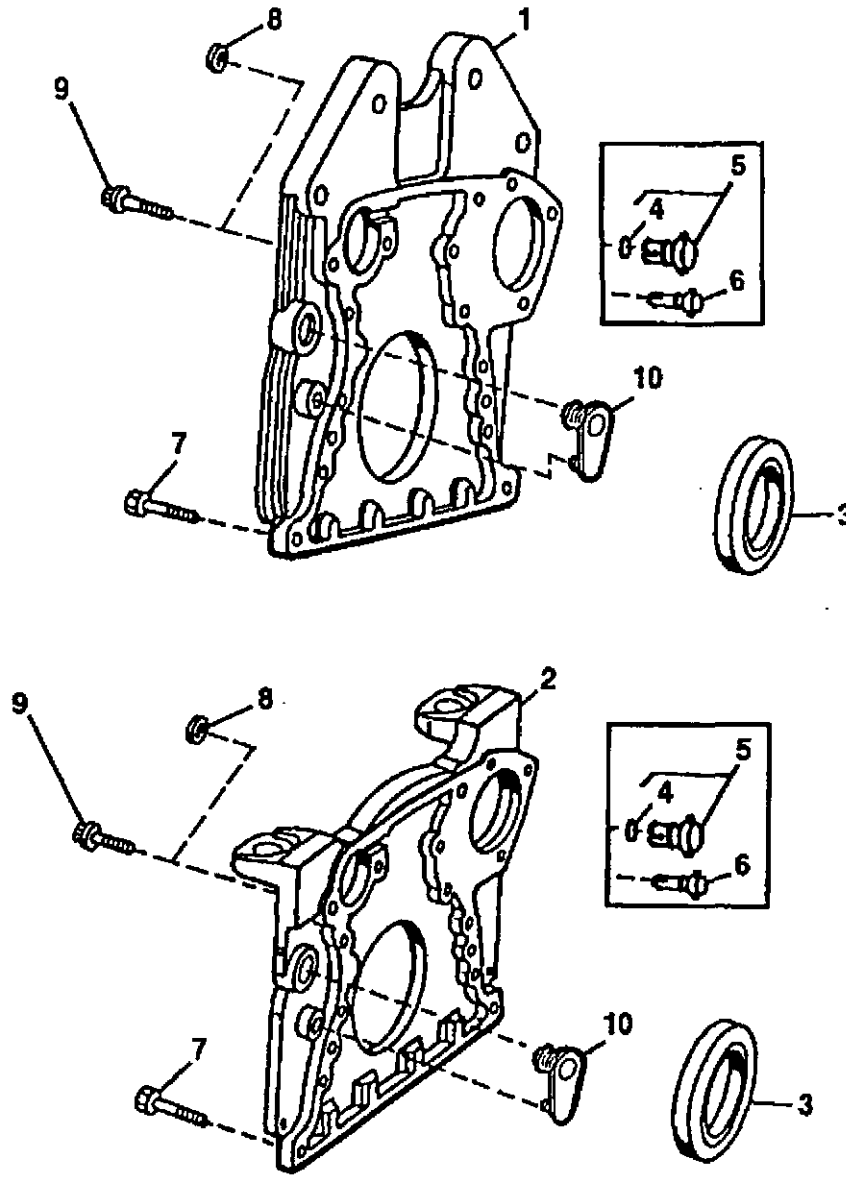
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R122183	HOUSING	1		(CODE 1408)
2	R27149	O-RING	1	-XXXXXX	
3	AR61533	PLUG	1	-XXXXXX	
4	AR61589	PLUG	1	-XXXXXX	TIMING HOLE
5	RE44574	SEAL	1		
6	19M7813	SCREW	4		M12 X 45
7	T77258	WASHER	8		(USE WITH 19M7493)
8	R135918	BOLT	8		(SUB FOR 19M7493, THIS APPLICATION)
9	H79910	DOWEL PIN	2		(CODE 1408)
10	R123234	HOUSING	1		(CODE 1407)
11	19M8306	SCREW	4		M12 X 50, (CODE 1407,1429)
12	R131769	PLUG	1	XXXXXX-	

MEMORANDA

1H19

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

ENGINE FLYWHEEL HOUSING CODE 1409 AND 1410 FLYWHEEL HOUSING
CARTER DE VOLANT
SCHUNGRADGEHAEUSE
CARCASSAVOLANO
CARCASVOLANTE
HUS SVALGHJUL
TP54923 -UN-01MAY97



1H20

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

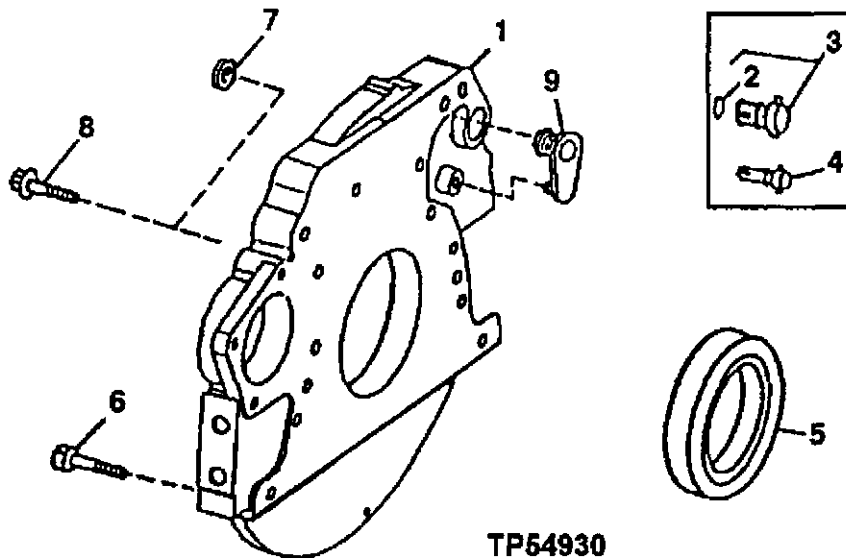
ENGINE FLYWHEEL HOUSING
CODE 1409 AND 1410 FLYWHEEL HOUSING

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123211	HOUSING	1		(CODE 1409)
2	R123175	HOUSING	1		(CODE 1410)
3	RE44574	SEAL	1		
4	R27149	O-RING	1	-XXXXXX	
5	AR61533	PLUG	1	-XXXXXX	
6	AR61589	PLUG	1	-XXXXXX	
7	R135918	BOLT	4		(SUB FOR 19M7790, THIS APPLICATION)
8	T77258	WASHER	8		13.005 X 21.006 X 2.286 MM (0.512" X 0.827" X 0.090") (USE WITH 19M7493)
9	R135918	BOLT	8		(SUB FOR 19M7493)
10	R131769	PLUG	1	XXXXXX-	

1H21

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

FLYWHEEL HOUSING CODE 1411 FLYWHEEL
CARTER DE VOLANT
SCHUNGRADGEHAEUSE
CARCASSAVOLANO
CARCASAVOLANTE
HUS SVALGHJUL
TP54930 -UN-01MAY97



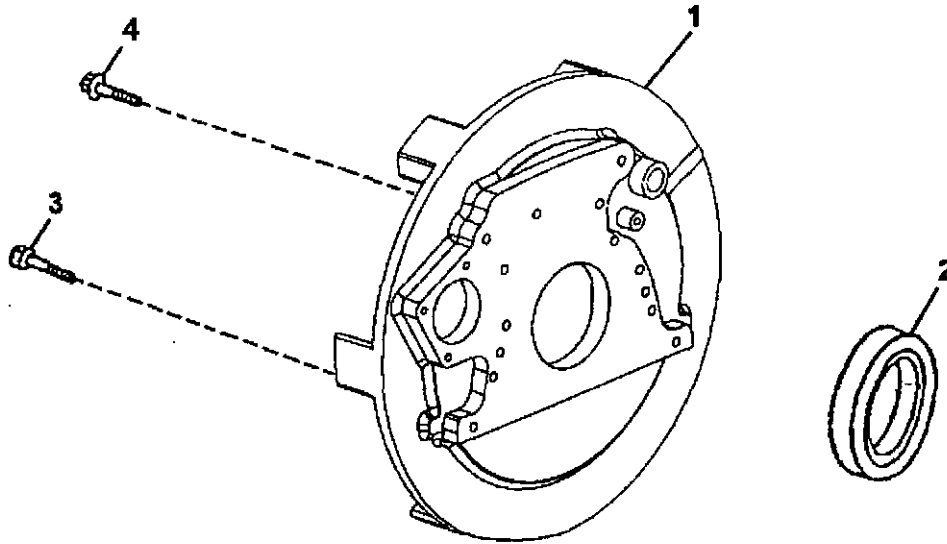
TP54930

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R501078	HOUSING	1		(SUB FOR R122092 OR R500272)
2	R27149	O-RING	1	-XXXXXX	23.393 X 3.531 MM (0.921" X 0.139")
3	AR61533	PLUG	1	-XXXXXX	
4	AR61589	PLUG	1	-XXXXXX	
5	RE44574	SEAL	1		
6	19M8306	SCREW	2		M12 X 50
7	T77258	WASHER	10		13.005 X 21.006 X 2.286 MM (0.512" X 0.827" X 0.090") (USE WITH 19M7493)
8	R135918	BOLT	10		(SUB FOR 19M7493, THIS APPLICATION)
9	R131768	PLUG	1	XXXXXX-	

1H22

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

FLYWHEEL HOUSING CODE 1426 FLYWHEEL
 CARTER DE VOLANT
 SCHUNGRADGEHAEUSE
 CARCASSAVOLANO
 CARCASAVOLANTE
 HUS SVALGHJUL
 TP55270 -JUN-23JAN98



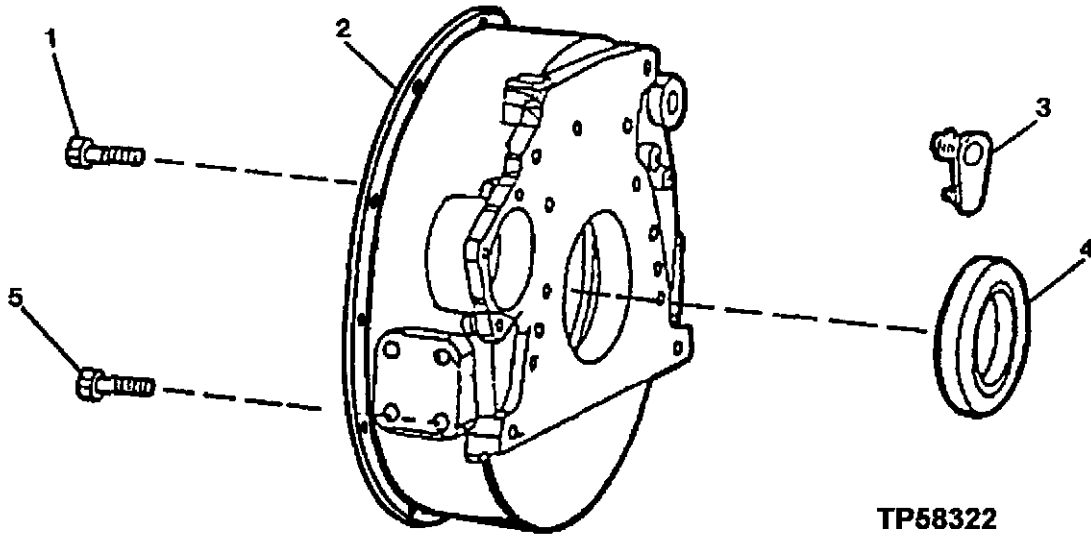
TP55270

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500715	HOUSING	1		
2	RE44574	SEAL	1		
3	19M8306	SCREW	2	M12 X 50	
4	R135918	BOLT	10		

1H23

ENGINE 4
FLYWHEEL, HOUSING AND FASTENINGS 0433

ENGINE FLYWHEEL HOUSING
CODE 1429
TP58322 -UN-01OCT98

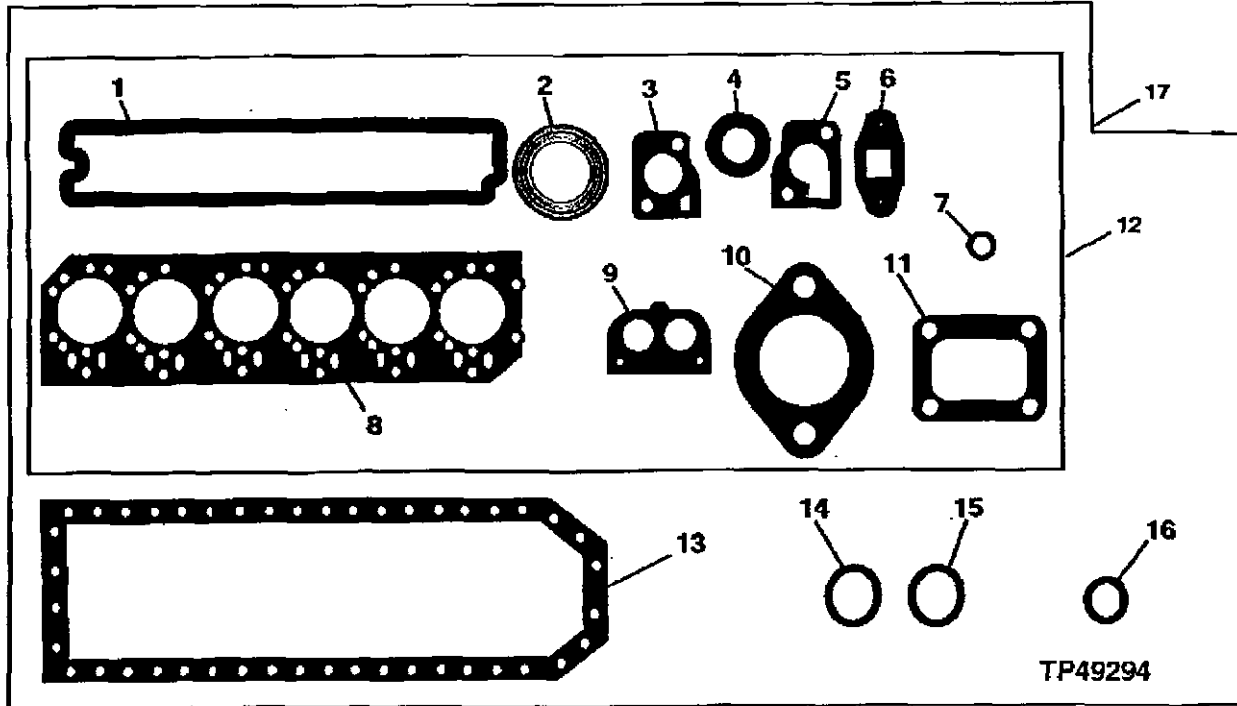


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R135918	BOLT	8		
2	R501046	HOUSING	1	(MARKED R501362)	
3	R131769	PLUG	1		
4	RE44574	SEAL	1		
5	19M8306	SCREW	4	M12 X 50	

1H24

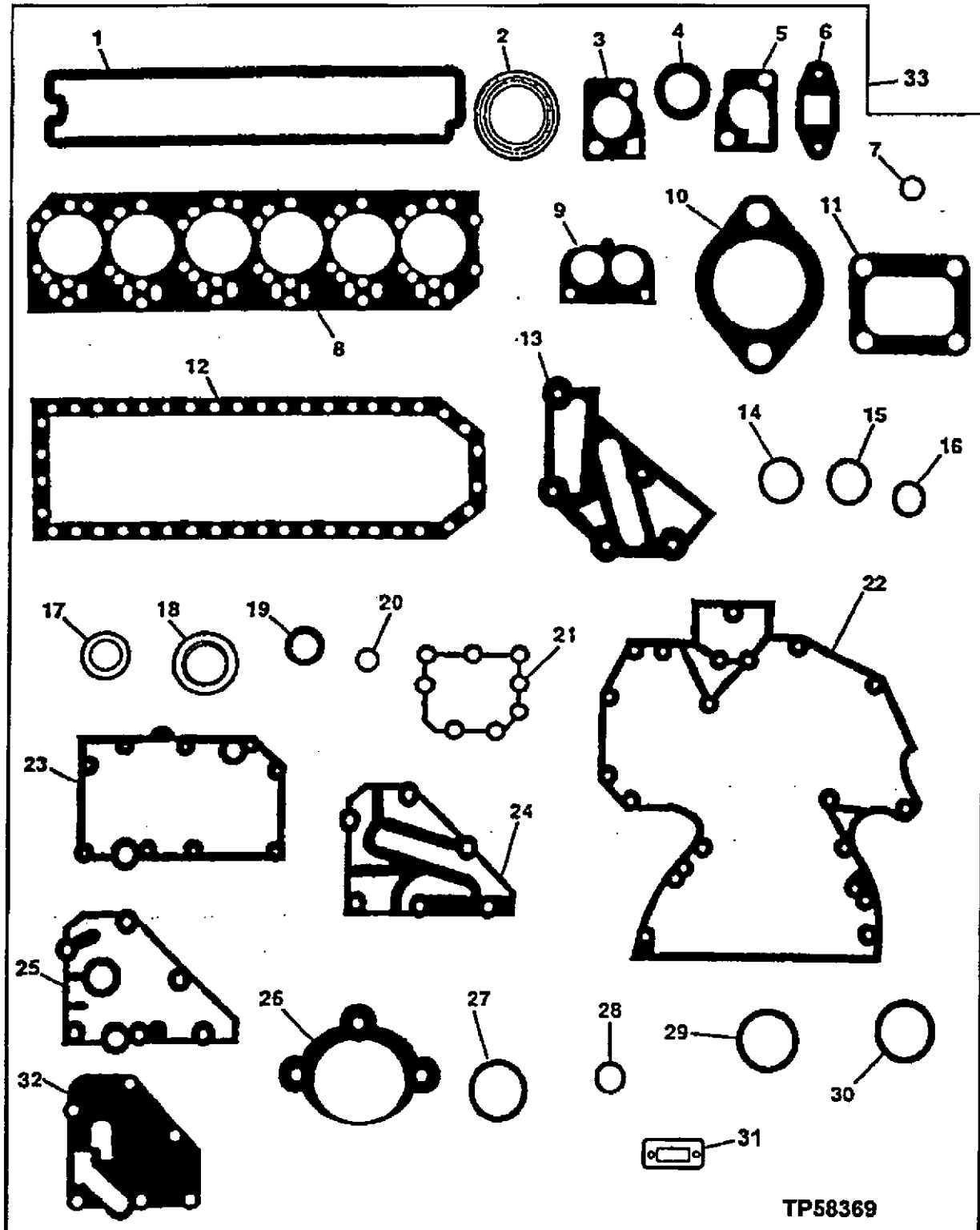
ENGINE 4
GASKET REPLACEMENT KITS 0452

CYLINDER HEAD REMOVAL AND IN VEHICLE OVERHAUL GASKET SETS
 CULASSE/JEU DE JOINTS DU MOTEUR
 ZYLINDERKOPF/MOTOR-DICHTUNGSSATZ
 TESTADA DEL MOTORE/CORREDO GUARIZIONI PER MOTORI
 CULATA/JUEGO DE JUNTAS PARA EL MOTOR
 CYINDERTOPPLOCK/PACKNINGSSATS FOER MOTOR
 TP49294 -UN-28SEP85



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123543	GASKET	1		ROCKER ARM COVER
2	R90658	GASKET	6		EXHAUST MANIFOLD
3	R135896	GASKET	1		THERMOSTAT COVER, (SUB FOR R121416)
4	R123226	GASKET	2		WATER BY-PASS TUBE
5	R123345	GASKET	1		THERMOSTAT HOUSING
6	R123570	GASKET	1		TURBOCHARGER OIL OUTLET LINE
7	R123575	O-RING	6		ROCKER ARM COVER HOLD DOWN STUD
8	R116516	ENGINE CYLINDER HEAD GASKET	1		CYLINDER HEAD
9	R501373	GASKET	1		THERMOSTAT COVER, (SUB FOR R54638)
10	R81275	GASKET	1		AIR INLET
11	R123572	GASKET	1		TURBOCHARGER TO EXHAUST MANIFOLD
12	RE66083	GASKET KIT	1		CYLINDER HEAD REMOVAL
13	R123354	GASKET	1		ENGINE OIL PAN
14	R75892	GASKET	1		OIL PUMP TUBE CONNECTOR
15	R97185	O-RING	1		OIL PUMP OUTLET TUBE TO COVER
16	R61871	O-RING	1		OIL PUMP INTAKE TUBE TO COVER
17	RE66085	GASKET KIT	1		IN CHASSIS OVERHAUL

ENGINE MAJOR OVERHAUL GASKET SET AND REBUILD KIT
 JEU DE JOINTS DU MOTEUR
 MOTOR-DICHTUNGSSATZ
 CORREDO GUARNIZIONI PER MOTOR
 JUEGO DE JUNTAS PARA EL MOTOR
 PACKNINGSSATS FOER MOTOR
 TP58369 -UN-08FEB99



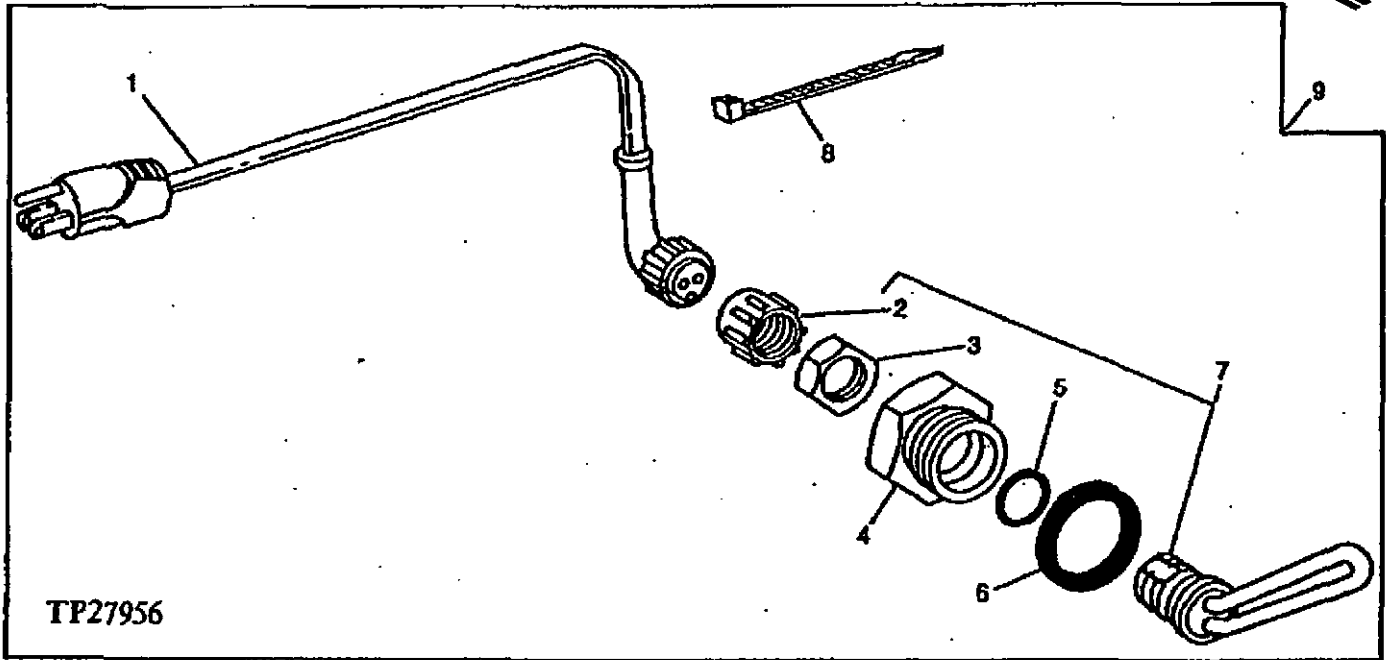
TP58369

ENGINE MAJOR OVERHAUL GASKET SET AND REBUILD KIT

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123543	GASKET	1		ROCKER ARM COVER
2	R90658	GASKET	6		EXHAUST MANIFOLD
3	R135896	GASKET	1		THERMOSTAT COVER, (SUB FOR R121416)
4	R123226	GASKET	2		WATER BY-PASS TUBE
5	R123345	GASKET	1		THERMOSTAT HOUSING
6	R123570	GASKET	1		TURBOCHARGER OIL OUTLET TUBE
7	R123575	GASKET	4		ROCKER ARM COVER HOLD DOWN STUD
8	R116516	GASKET	1		CYLINDER HEAD
9	R501373	GASKET	1		(SUB FOR R54638) THERMOSTAT COVER
10	R81275	GASKET	1		AIR INLET
11	R123572	GASKET	1		TURBOCHARGER TO EXHAUST MANIFOLD
12	R123354	GASKET	1		ENGINE OIL PAN
13	R501428	GASKET	1		COOLANT PASSAGE ADAPTER, (SUB FOR R123502)
14	R75892	O-RING	1		OIL PUMP TUBE CONNECTOR
15	R97185	O-RING	1		OIL PUMP OUTLET TUBE TO COVER
16	R61871	O-RING	1		OIL PUMP INTAKE TUBE
17	A4827R	WASHER	1		OIL PRESSURE REGULATOR PLUG
18	RE44574	SEAL	1		REAR OIL SEAL
19	RE59810	SEAL KIT	1		FRONT OIL SEAL
20	R123273	O-RING	1		FUEL TRANSFER PUMP
21	R123417	GASKET	1		WATER PUMP
22	R136516	GASKET	1		TIMING GEAR COVER (USE WITH CODE 4401 AND 4403 TIMING GEAR COVER) (SUB FOR R123421 AND R134534)
	R136515	GASKET	1		TIMING GEAR COVER FOR AUXILIARY DRIVE (USE WITH CODE 4402 AND 4404 TIMING GEAR COVER) (NOT ILLUSTRATED) (SUB FOR R123425 AND R134533)
23	R123501	GASKET	1		OIL COOLER HOUSING
24	R123504	GASKET	1		REMOTE OIL FILTER ADAPTER
25	R123525	GASKET	1	-766852	OIL FILTER HEADER
26	R53108	GASKET	1		STARTING MOTOR
27	R72328	O-RING	4		REMOTE OIL FILTER TUBES
28	R89944	O-RING	1		WATER PUMP INLET
29	R61105	O-RING	2		CONNECTOR TUBE TO TIMING GEAR COVER
30	T122075	O-RING	2		OIL COOLER TO HOUSING
31	R136495	GASKET	2		OIL FILL COVER
32	R500374	GASKET	1	766853-	OIL FILTER HEADER
33	RE501456	KIT	1		(SUB FOR RE66087) ENGINE MAJOR OVERHAUL
	RE66096	ENGINE OVERHAUL KIT	1		(ENGINE REBUILD)(NOT ALL ILLUSTRATED) (WITH TURBOCHARGER)(T1) (INCLUDES ENGINE MAJOR OVERHAUL GASKET SET,ENGINE CONNECTING ROD BEARINGS,ENGINE MAIN BEARINGS,AND PISTON AND CYLINDER LINER KITS) (ORDER ONE KIT PER ENGINE)
	RE66097	ENGINE OVERHAUL KIT	1		(ENGINE REBUILD)(NOT ALL ILLUSTRATED) (WITH TURBOCHARGER)(H1,H2 AND T2) (INCLUDES ENGINE MAJOR OVERHAUL GASKET SET,ENGINE CONNECTING ROD BEARINGS,ENGINE MAIN BEARINGS,AND PISTON AND CYLINDER LINER KITS)(ORDER ONE KIT ENGINE)
	RE66095	ENGINE OVERHAUL KIT	1		(ENGINE REBUILD)(NOT ILLUSTRATED) (WITHOUT TURBOCHARGER) (INCLUDES ENGINE OVERHAUL GASKET SET,ENGINE CONNECTING ROD BEARINGS,ENGINE MAIN BEARINGS,AND PISTON AND CYLINDER LINER KITS)

MEMORANDA

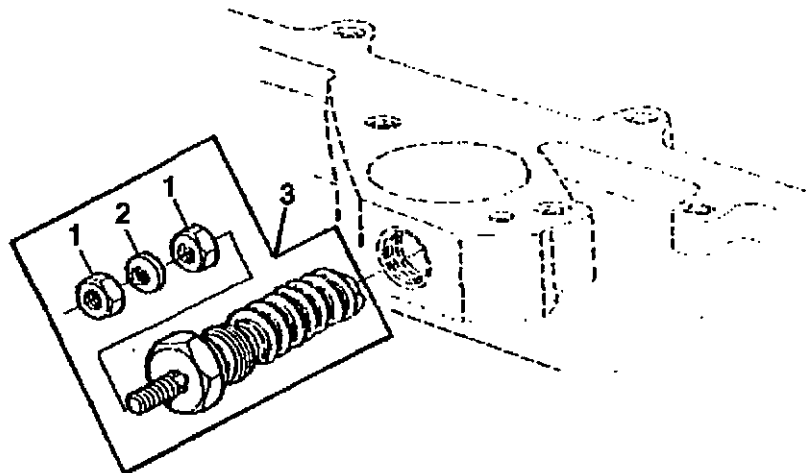
ENGINE COOLANT HEATER CODE 2601-110 VOLT COOLANT HEATER - CODE 2602 - 220 VOLT COOLANT HEATER
 LIQUIDE DE REFROIDISSEMENT RECHAUFFEUR
 KUEHLFLUESSIGKEIT VORWAERMER
 LIQUIDO DI RAFFREDAMENTO PRERISCALD.
 REFRIGERANTE PRECALENTADOR
 KYLVAETSKA KYLVAETSKEV
 TP27956 -UN-01JAN94



TP27956

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR87079	POWER CORD	1	220 VOLT	
	AR50411	WIRING LEAD	1	110 VOLT	
2	.....	CAP	1		
3	.....	NUT	1		
4	R54123	ADAPTER	1		
5	R47693	GASKET	1		
6	U13639	O-RING	1		
7	RE42139	HEATING ELEMENT	1	(CODE 2601)(110 VOLT)	
	RE42140	COOLANT HEATER	1	(CODE 2602)(220 VOLT)	
8	R44302	TIE BAND	1		
9	RE42138	COOLANT HEATER	1	(CODE 2601)(110 VOLT)	
	RE42140	COOLANT HEATER	1	(CODE 2602)(220 VOLT)	

AIR INTAKE SYSTEM AIR HEATER CODE 4303 AIR INTAKE HEATER
ORIFICE D'ARRIVEE D'AIR
LUFTEINLASS
ASPIRAZIONE
ADMISSION DE AIRE
LUFTINTAG
(ENGINE SERIAL # -XXXXXX)
TP49379 -UN-26.JAN96

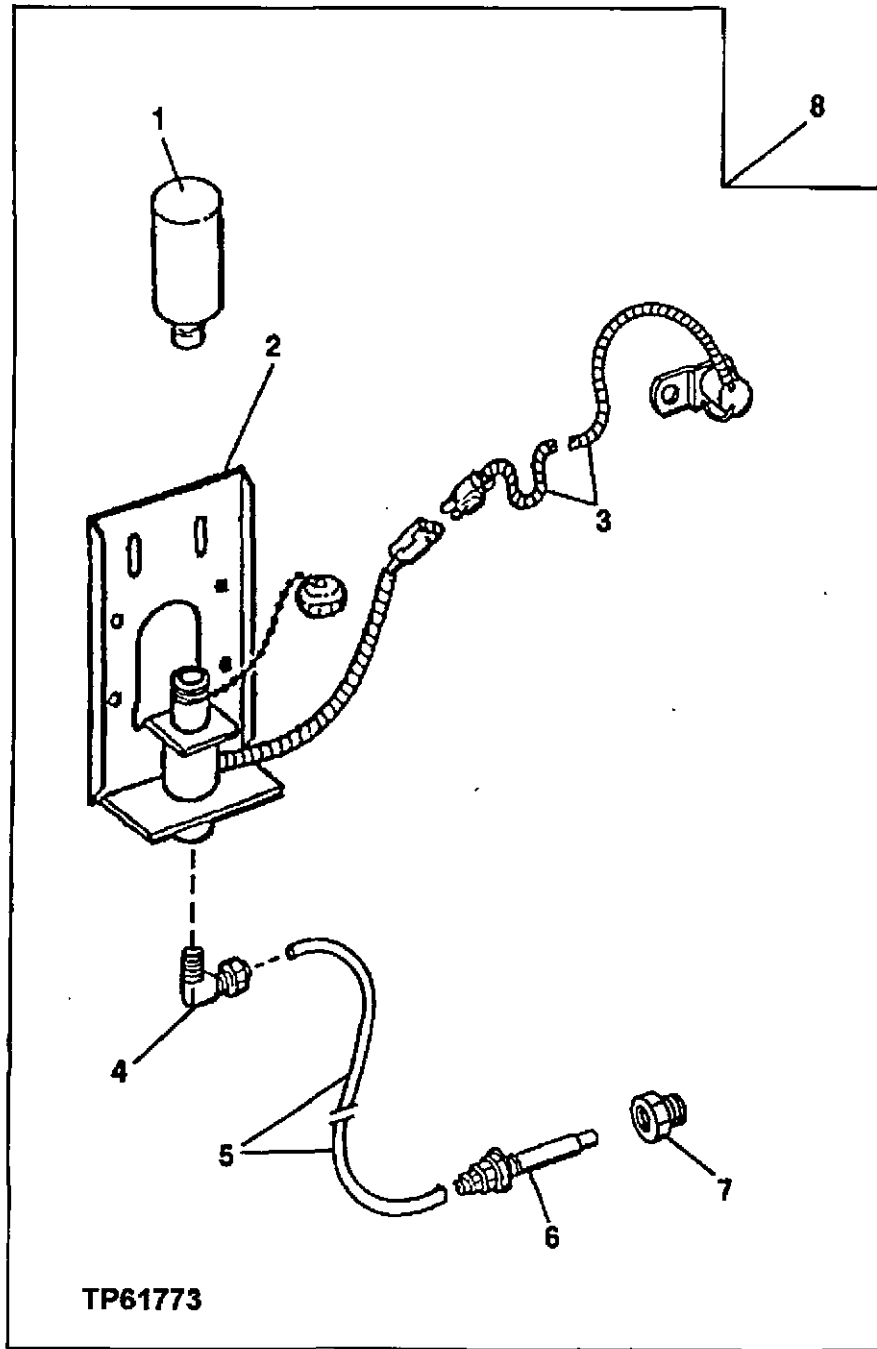


TP49379

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	14M7297	NUT	2	M5, 7/8"-14UNF	
2	12M7011	LOCK WASHER	2	5.100 MM	
3	RE502079	GLOW PLUG	1	(SUB FOR RE29658)	

MEMORANDA

COLD WEATHER STARTING AID
CODE 9701
TP61773 -UN-06NOV98



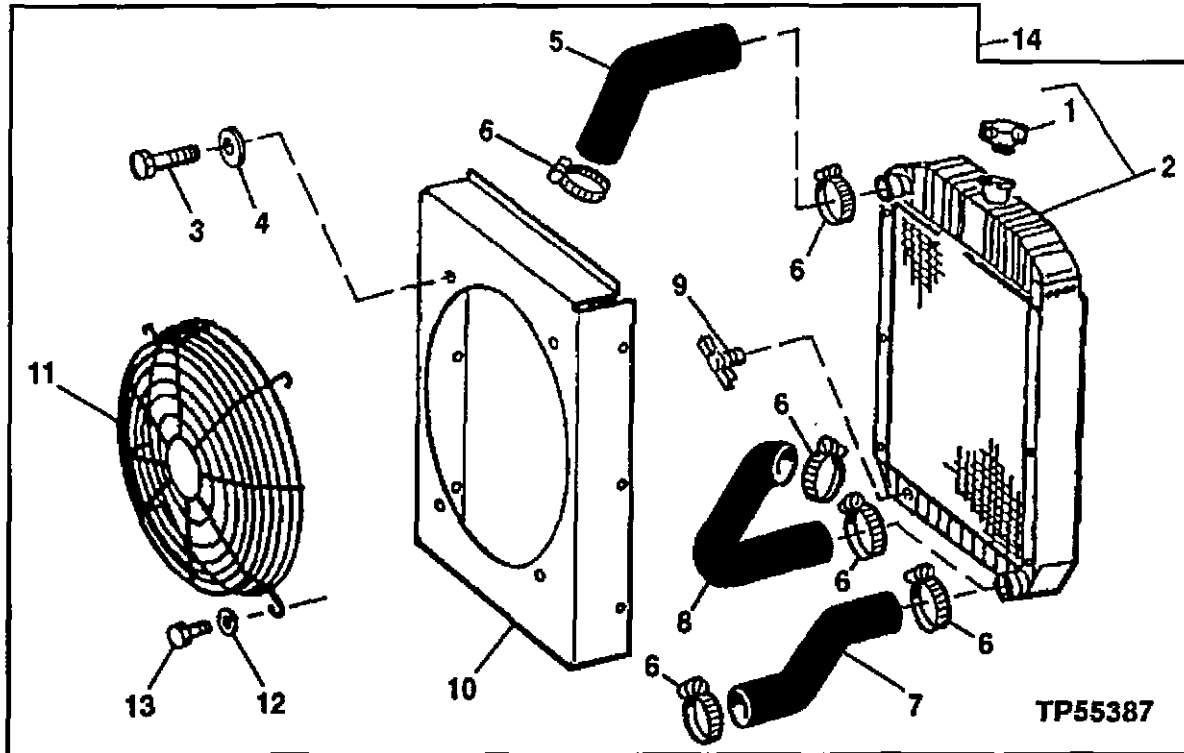
**COLD WEATHER STARTING AID
CODE 9701**

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT171162	STARTING FLUID	1		
2	RE502443	VALVE	1		
3	RE502891	SWITCH	1		TEMPERATURE SENSOR
4	AT181582	ELBOW FITTING	1		
5	.....	TUBE	1		(MAKE FROM T78593 BULK MATERIAL, CUT TO LENGTH)
6	AT183222	NOZZLE	1		
7	T175293	ADAPTER	1		
8	RE502745	KIT	1		

MEMORANDA

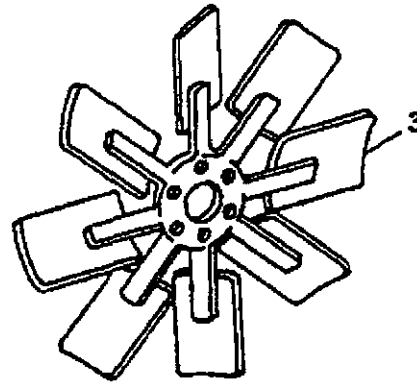
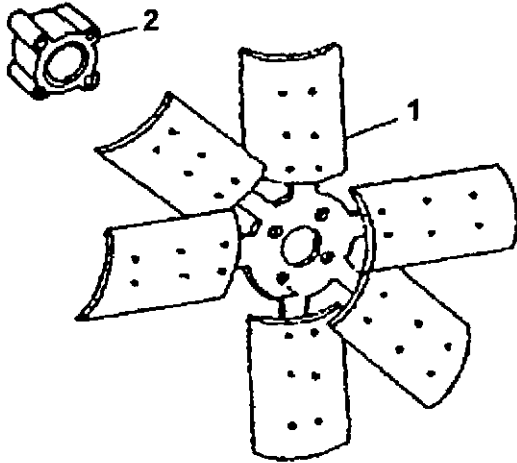
RADIATOR, RADIATOR HOSES, FAN SHROUD AND FAN GUARD

TP55387 UN-11JUN98



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE64092	FILLER CAP	1		
2	RE64112	RADIATOR	1		STANDARD
	RE64113	RADIATOR	1		TRASH RESISTANT
3	19H1813	CAP SCREW	6		5/16" X 5/8"
4	12H303	LOCK WASHER	6		5/16"
5	R128455	HOSE	1		
6	TY22471	CLAMP	4		
7	R128480	HOSE	1		LOWER(WITH STANDARD RADIATOR)
8	R128475	HOSE	1		LOWER(WITH TRASH RESISTANT RADIATOR)
9	AT13740	DRAIN VALVE	1		
10	RE64114	SHROUD	1		(WITH STANDARD RADIATOR)
	RE64115	SHROUD	1		(WITH TRASH RESISTANT RADIATOR)
11	RE57059	GUARD	1		
12	24M7024	WASHER	4		9 X 28 X 3 MM
13	19H2127	CAP SCREW	4		5/16" X 7/8"
14	RE68028	KIT	1		(STANDARD RADIATOR)
	RE68029	KIT	1		(TRASH RESISTANT RADIATOR)

FAN BLADES
 CODE 9901
 TP55388 -UN-23JUL98

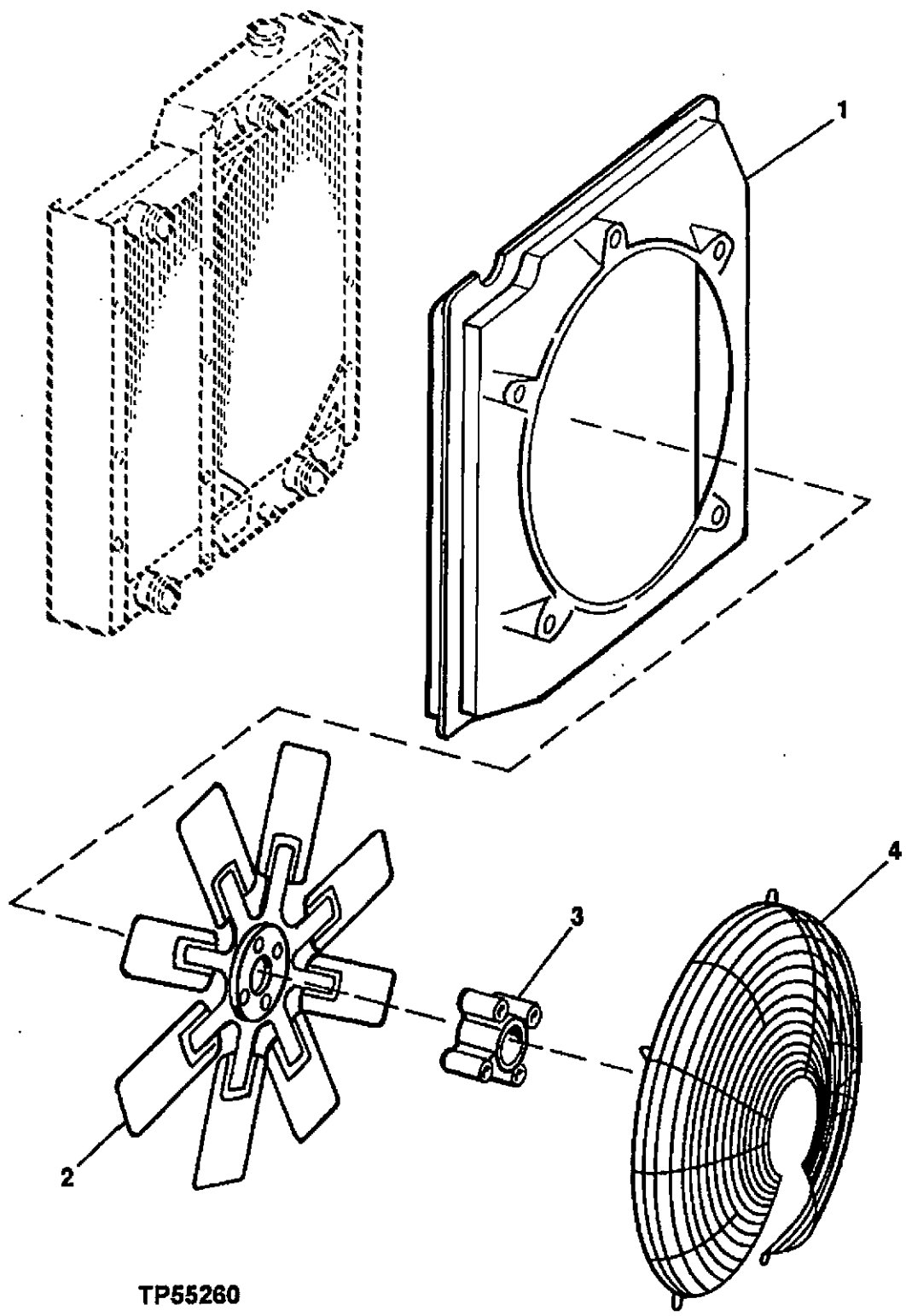


TP55388

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AT24834	BLOWER FAN	1		SIX BLADE BLOWER
	AR48871	FAN	1		SIX BLADE SUCTION
2	R128442	SPACER	1		(USE WITH AT24834)
	R128443	SPACER	1		(USE WITH AR48871)
3	AT34808	FAN	1		EIGHT BLADE BLOWER
	AT135668	FAN	1		EIGHT BLADE SUCTION

MEMORANDA

RADIATOR SHROUD,FAN BLADES,FAN SPACER,FAN GUARD
TP55260 -UN-09FEB98

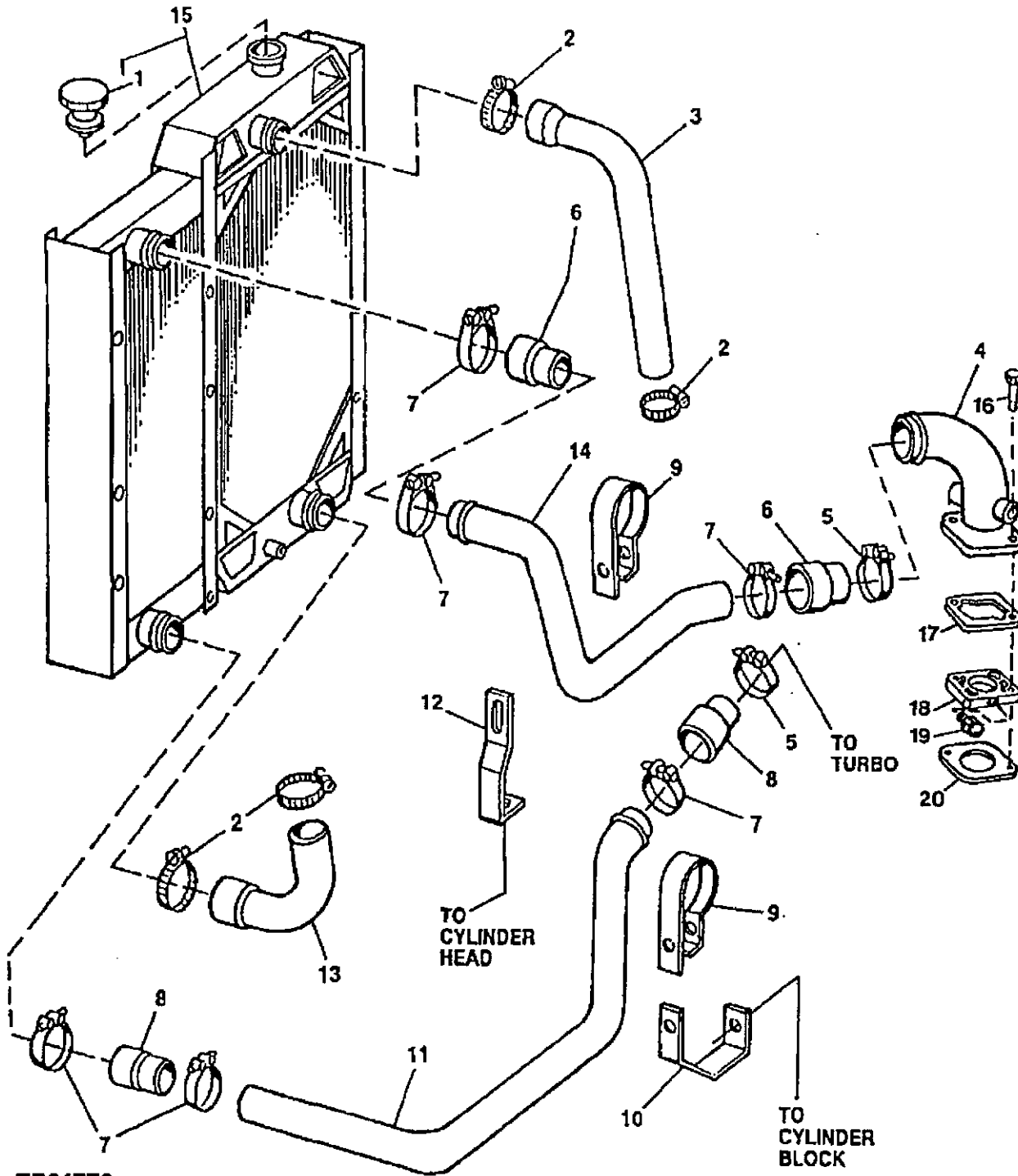


TP55260

**RADIATOR SHROUD, FAN BLADES, FAN SPACER, FAN GUARD
WITH CHARGE AIR ASSEMBLY**

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	RE70527	SHROUD	1		
2	AT34808	FAN	1		(8 BLADE-BLOWER)
	AT38076	FAN	1		(6 BLADE-SUCTION)
3	R128442	SPACER	1		(USE WITH AT34808)
	R128443	SPACER	1		(USE WITH AT37076)
4	RE70650	GUARD	1		

RADIATOR/WITH AIR CHARGE,RADIATOR HOSES,TUBES,CLAMPS,BRACKETS
TP61770 -UN-27OCT98



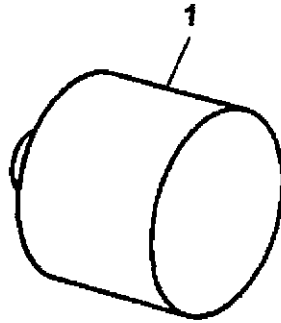
TP61770

RADIATOR/WITH AIR CHARGE, RADIATOR HOSES,TUBES,CLAMPS,BRKTS.

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	RE64092	FILLER CAP	1		
2	AR21840	CLAMP	4		
3	R135733	HOSE	1		
4	RE501895	AIR INTAKE	1		(SUB FOR RE70723) (ALSO ORDER R501472, R81275, (2) 19M8292, RE60071 AND R133893)
5	R110531	CLAMP	1		
6	R135729	HOSE	2		
7	AT105289	CLAMP	6		
8	R135730	HOSE	2		
9	N110000	CLIP	2		
10	R136011	BRACKET	1		
11	R135731	TUBE	1		
12	R136012	BRACKET	1		
13	R136010	HOSE	1		
14	R135732	TUBE	1		
15	RE500070	RADIATOR TOP	1		
16	19M8292	SCREW	2	XXXXXX-	
17	R133893	GASKET	1	XXXXXX-	
18	R501472	SPACER	1	XXXXXX-	
19	RE60071	FITTING	1	XXXXXX-	
20	R81275	GASKET	1	XXXXXX-	

MEMORANDA

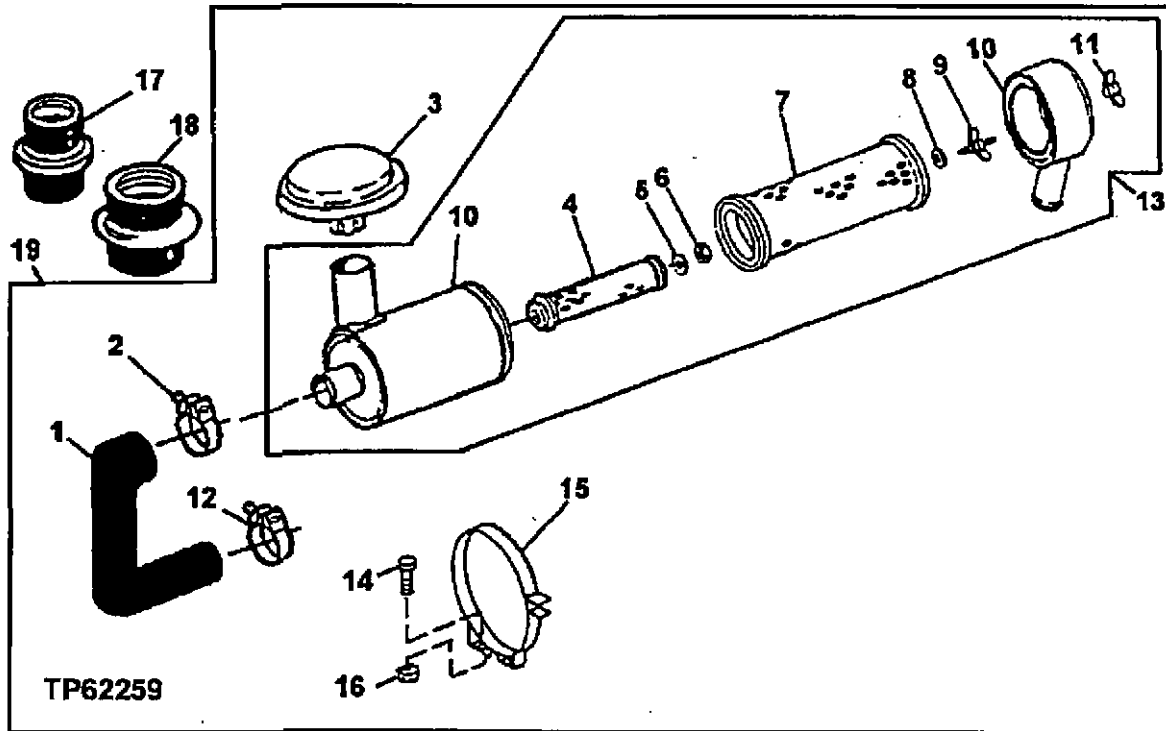
AIR CLEANER
CODE 9701 AIR CLEANER
 TP62190 -UN-03SEP99



TP62190

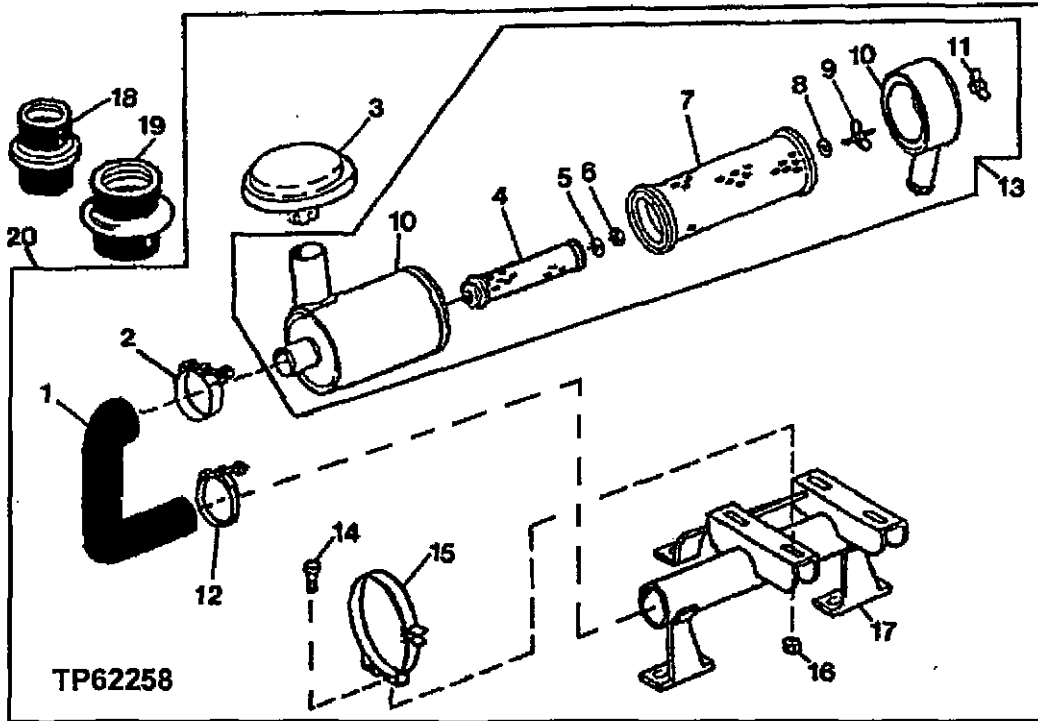
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE63780	AIR CLEANER	1		
	RE19429	CLAMP	1		
2	RE46837	AIR CLEANER	1		(ALSO ORDER AR21841)
	.....	AIR CLEANER	1		(RE56422 - NO LONGER AVAILABLE) (ALSO ORDER RE61559) (SUB RE502014)
	RE502014	AIR CLEANER	1		(ALSO ORDER AR85329)

AIR CLEANER AND HOSE (6068DF150,6068TF150)
FILTRE A AIR
LUFTFILTER-ZUSB.
DEPURATORE D'AIRE
FILTRO DE AIRE
LUFTRENARE
 TP62259 -UN-18NOV99



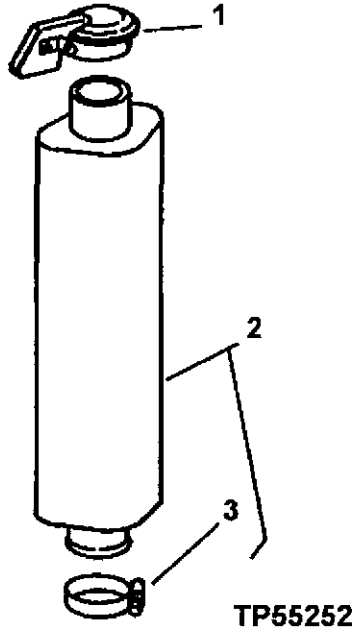
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R128438	HOSE	1	6068TF150	
	R128437	HOSE	1	6068DF150	
2	AT56657	CLAMP	1		
3	AT175358	CAP	1		
4	AR79680	FILTER ELEMENT	1		
5	AR52066	PACKING	1		
6	E17421	LOCK NUT	1		
7	AR79679	AIR FILTER	1		
8	AR52065	PACKING	1		
9	AN191169	WING SCREW	1		
10	AR84565	COVER	1		
11	R48723	WING NUT	1		
12	AT50923	CLAMP	1		
13	AT115660	AIR CLEANER	1		
14	19M7784	SCREW	4		
15	AR64937	BAND	2		
16	14M7296	FLANGE NUT	4	M10	
17	R128993	REDUCER	1		
18	R128992	REDUCER	1		
19	RE68009	AIR CLEANER	1		

AIR CLEANER AND HOSE(6068HF150,6068HF250)
FILTRE A AIR
LUFTFILTER-ZUSB.
DEPURATORE D'AIRE
FILTRO DE AIRE
LUFTRENARE
 TP62258 -UN-18NOV99



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R128438	HOSE	1		
2	AT56657	CLAMP	1		
3	AT175358	CAP	1		
4	AR79680	FILTER ELEMENT	1		
5	AR52066	PACKING	1		
6	E17421	LOCK NUT	1		
7	AR79679	AIR FILTER	1		
8	AR52065	PACKING	1		
9	AN191169	WING SCREW	1		
10	AR84565	COVER	1		
11	R48723	WING NUT	1		
12	AT50923	CLAMP	1		
13	AT115660	AIR CLEANER	1		
14	19M7784	SCREW	4		
15	AR64937	BAND	2		
16	14M7296	FLANGE NUT	4		
17	RE70724	SUPPORT	1		
18	R128993	REDUCER	1		
19	R128992	REDUCER	1		
20	RE500801	AIR CLEANER	1		

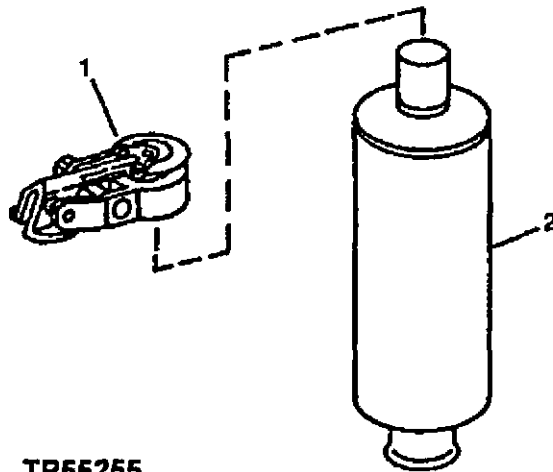
MUFFLER AND MUFFLER COVER
 (CODE 9901)
 TP55252 -UN-04DEC97



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR86600	CAP	1		
2	RE20224	MUFFLER	1		
3	RE20223	CLAMP	1		

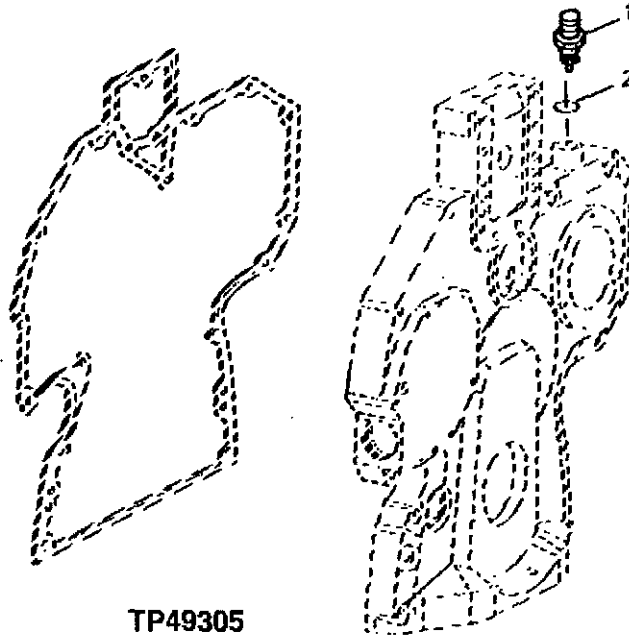
MEMORANDA

MUFFLER
 CODE 9901 MUFFLER WITH COVER
 TP55255 .UN-05DEC97



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR56784	EXHAUST CAP	1		
2	AT24984	MUFFLER	1		

TACHOMETER SENSOR CODE 6701 SENSOR
TACHYMETRE CAPTEUR
DREHZAHLMESSER MESSWERTGEBER
TACHIMETRO SENSORE
TACOMETRO TRANSDUCTOR
VARVMAETARE AVKALMARE
TP49305 -UN-04OCT95

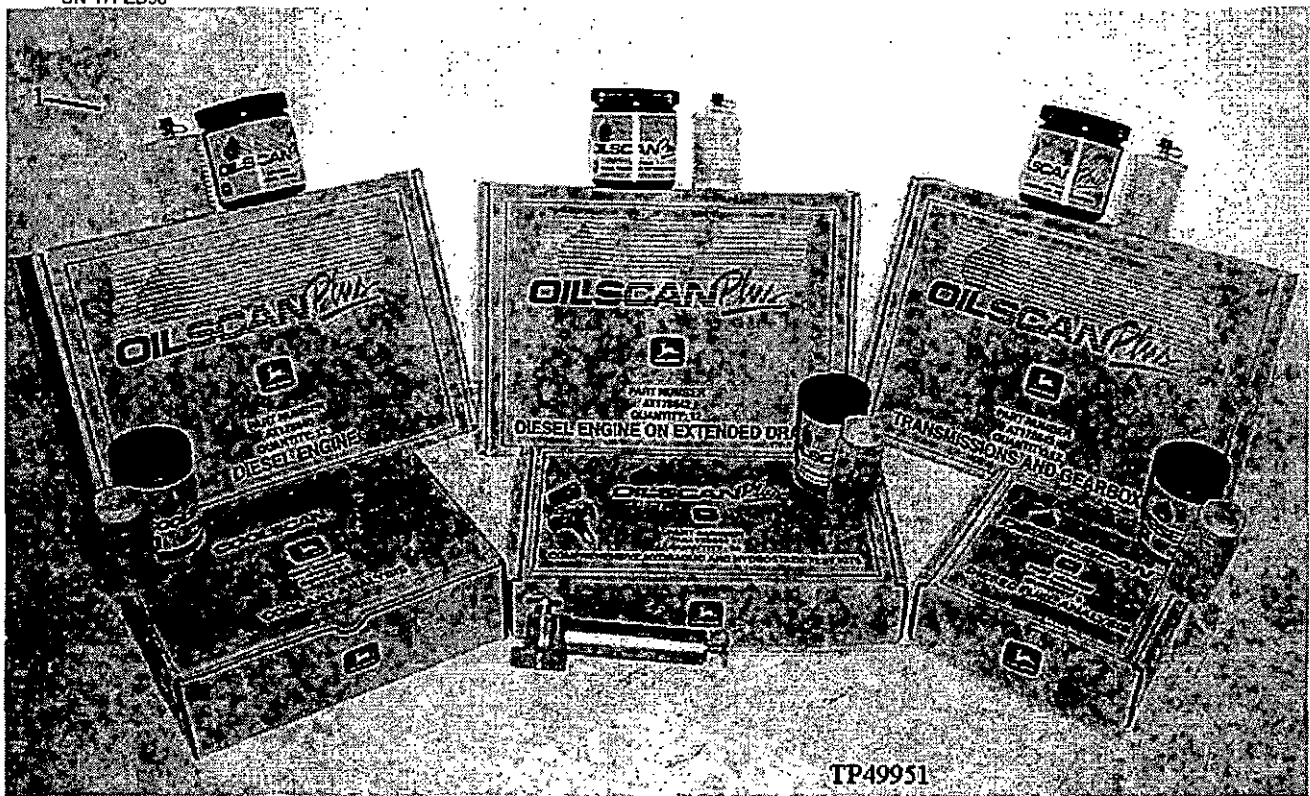


TP49305

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE71121	SENSOR	1		(SUB FOR RE43511)
2	51M7044	O-RING	1		

FLUID ANALYSIS PRODUCTS

TP49951 -UN-17FEB98



TP49951

"OILSCAN PLUS"

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT178840	KIT	1		STANDARD ENGINE, SELF EXTRACTION (12 PER PACKAGE)(INCLUDES SPECTROCHEMICAL ANALYSIS, VISCOSITY, * WATER, FUEL DILUTION, GLYCOL, FUEL SOOT) (SUB FOR AT178843)
	AT180333	KIT	1		STANDARD ENGINE, 4 OZ BOTTLE (10 PER PACKAGE) (SAME AS AT178840) (SUB FOR AT180335)
	AT178842	KIT	1		COMPREHENSIVE ENGINE W/TBN (EXTENDED DRAIN) (12 PER PACKAGE)(SAME AS AT178840 PLUS TBN)
	AT180334	KIT	1		COMPREHENSIVE ENGINE W/TBN (EXTENDED DRAIN) 4 OZ BOTTLE (10 PRT PACKAGE) (SAME AS AT178842)
	.....	KIT	1		TRANSMISSION, GEARBOXES & BASIC HYDRAULIC SYSTEM (12 PER PACKAGE)(INCLUDES SPECTRO-CHEMICAL ANALYSIS, VISCOSITY, * WATER) (AT178843 NO LONGER USED) (SUB AT178840)
	.....	KIT	1		TRANSMISSION,GEARBOXES & BASIC HYDRAULICS, 4 OZ BOTTLE (10 PER PACKAGE) (AT180335 NO LONGER AVAILABLE) (SUB AT180333)
	AT178844	KIT	1		COMPREHENSIVE HYDRAULIC & HYDROSTATIC SYSTEMS, 4 OZ BOTTLE (10 PER PACKAGE) (REQUIRES USE OF A SAMPLING VALVE FOR ACCURATE RESULTS)
	AT182602	KIT	1		VALVE, SAMPLING, 1000 PSI RATING, (5 PER PACKAGE)(PUSH BUTTON, 1/8" NPT MALE)
	AT182603	KIT	1		FITTING, PRESSURE REDUCING (5 PER PACKAGE) (REQUIRED FOR CIRCUIT PRESSURE OVER 100 PSI) (USED WITH AT182602) (7/16" O-RING
	AT185503	KIT	1		MALE X 1/8" NPT FEMALE WITH 0.025" ORIFACE) FITTING, PRESSURE REDUCING (5 PER PACKAGE) (1/8" NPT MALE X 1/8" NPT FEMALE) (NOT ILLUSTRATED)

1123

MISCELLANEOUS VEHICLE 13
GREASES ,OILS ,FUELS AND COOLANTS 1369

"OILSCAN PLUS" (CONTINUED)					
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT183524	FITTING	1		PRESSURE REDUCING (5 PER PACKAGE)(REQUIRED FOR PRESSURE OVER 100 PSI)(USED WITH AT182602, 9/16" O-RING MALE X 1/8" NPT FEMALE WITH 0.025" ORIFICE)
	ISPKIT3	PUMP	1		OIL EXTRACTION (1 PER PACKAGE)(CAN BE USED WITH AT180333, AT180334, AND AT180335 KITS TO EXTRACT OIL SAMPLE)
	DSO345	TUBE	1		500' ROLL (USED WITH IPSKIT3 PUMP TO EXTRACT SAMPLE)
	DSO346	TUBE	1		100' ROLL (USED WITH IPSKIT3 PUMP TO EXTRACT SAMPLE)

"COOLSCAN PLUS"

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT183016	KIT	1		COOLANT ANALYSIS (6 PER PACKAGE)(TESTS FREEZE POINT, * ANTIFREEZE, PH, RESERVE ALKALINITY, NITRITE, MOLYBDATE, SILICATE, VISUAL ASSESSMENT & CORROSION METALS (IRON, COPPER, ALUMINUM & LEAD))

"DIESELSCAN "

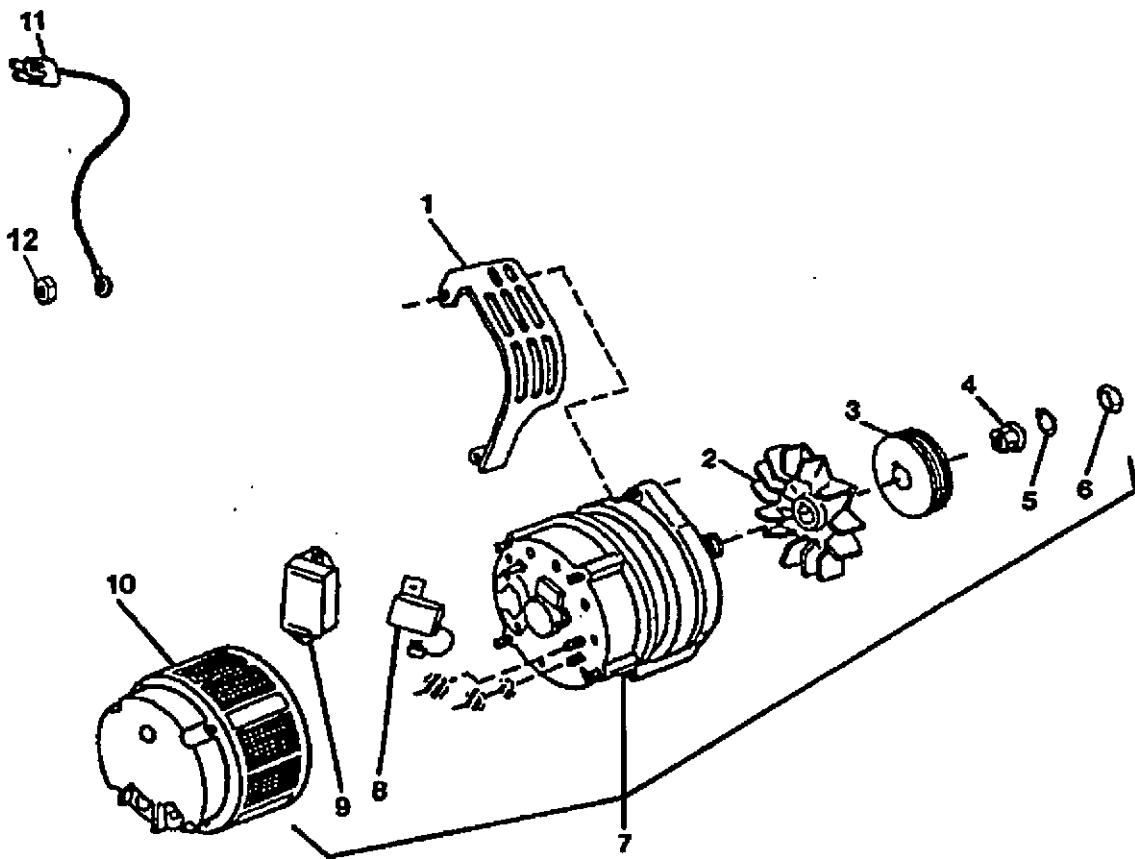
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT180344	KIT	1		DIESEL ANALYSIS (6 PER PACKAGE)(USED TO VERIFY TYPE, SUITABILITY FOR COLD TEMPERATURE OPERATIONS, CLEANLINESS, WATER CONTENT AND IF FUEL IS WITHIN ASTM SPECIFICATIONS. CHECKS API GRAVITY, VISCOSITY AT 40C, SULFUR, CETANE INDEX, DISTILLATION, CLOUD POINT, POUR POINT AND COLD FILTER PLUGGING POINT.

CUSTOMER CONVENIENCE PACKS ENGINE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT182016	KIT	1		(INCLUDES (6) AT178840 KITS)
	AT182017	KIT	1		(INCLUDES (6) AT178840 & (2) AT178844 KITS)

1J2

ALTERNATOR, VOLTAGE REGULATOR AND WIRE HARNESS CODE 3104, 3107, 3108 AND 3109 ALTERNATOR
ALTERNATEUR - REGULATEUR DE TENSION - FAISCEAU DE CABLES
DREHSTROMGENERATOR - SPANNUNGSREGLES - KABELBAUM
CABLAGGIO - REGOLATORE DI TENSIONE - CABLAGGIO
ALTERNADOR - REGULADOR DE VOLTAJE - GRUPO DE CABLES
VAEXELSTROEMSGENERATOR - SPAENNINGREGULATOR - KABELHAERVA
TP55208 -UN-18SEP97



TP55208

1J3

ELECTRICAL SYSTEM 16

ALTERNATOR, REGULATOR AND CHARGING SYSTEM WIRING 1672

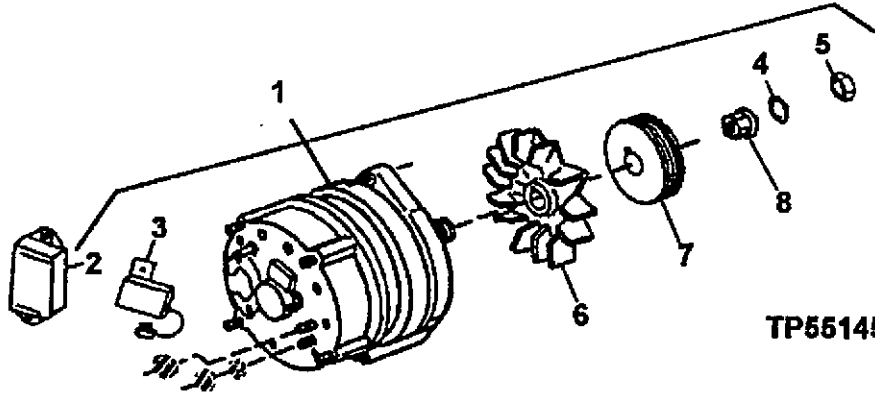
**ALTERNATOR, VOLTAGE REGULATOR AND WIRE HARNESS
CODE 3104, 3107, 3108 AND 3109 ALTERNATOR**

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R122848	SHIELD	1		(CODE 3107)
2	T158584	FAN	1		
3	R94350	SHEAVE	1		
4	R94351	BUSHING	1		
5	T10745	WASHER	1		
6	14M7158	NUT	1	M16	
7	AT185696	ALTERNATOR	1		NEW (CODE 3104) 24V-45AMP, (BOSCH) (CONVENIENCE ASSEMBLY) (SUB FOR AT175195)
	AT220394	ALTERNATOR	1		NEW (CODE 3107) 12V-95AMP, (BOSCH) (CONVENIENCE ASSEMBLY) (SUB FOR AT175194)
	AT185951	ALTERNATOR	1		NEW (CODE 3108) 12V-120AMP, (BOSCH) (SUB FOR AE53101)
	AT220393	ALTERNATOR	1		NEW (CODE 3109) 12V-65AMP, BOSCH (CONVENIENCE ASSEMBLY) (SUB FOR AT173624)
	TY6799	ALTERNATOR	1		(CODE 3109) 12V-65 AMP, REMANUFACTURED (BOSCH)
	TY24322	ALTERNATOR	1		(CODE 3104) 24V-45 AMP, REMANUFACTURED BOSCH
	TY24485	ALTERNATOR	1		(CODE 3107) 12V-95 AMP, REMANUFACTURED BOSCH
8	H144095	CAPACITOR	1		
9	AT163156	REGULATOR	1		(CODE 3104)
	H144094	VOLTAGE REGULATOR	1		(CODE 3107 AND 3109)
10	AT207952	COVER	1		(SUB FOR AH138291, THIS APPLICATION)
11	RE505090	CONNECTOR	1		(SUB FOR RE503814)
12	14M7297	NUT	1	M5	

1J4

ALTERNATOR, REGULATOR, WITHOUT WIRING HARNESS
(CODE 3111)

TP55145 -UN-24JUN97

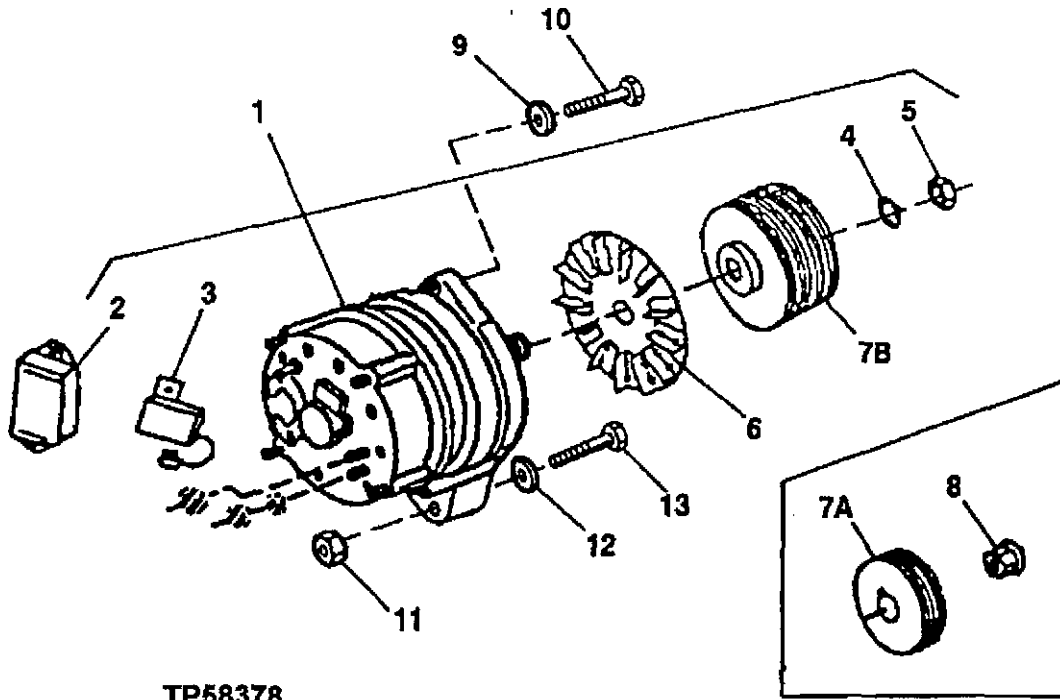


TP55145

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT220393	ALTERNATOR	1		12-65 AMP BOSCH, (SUB FOR AT173624) (NEW)
	TY6799	ALTERNATOR	1		CONVENIENCE ASSEMBLY
2	H144094	VOLTAGE REGULATOR	1		(REMANUFACTURED) 12V-65 AMP BOSCH
3	H144095	CAPACITOR	1		
4	T10745	WASHER	1		
5	14M7158	NUT	1	M16	
6	T158584	FAN	1		
7	R94350	SHEAVE	1		
8	R94351	BUSHING	1		

1J5

ALTERNATOR, REGULATOR, 24 VOLT 45AMP.
(CODE 3110)
TP58378 -UN-08DEC98



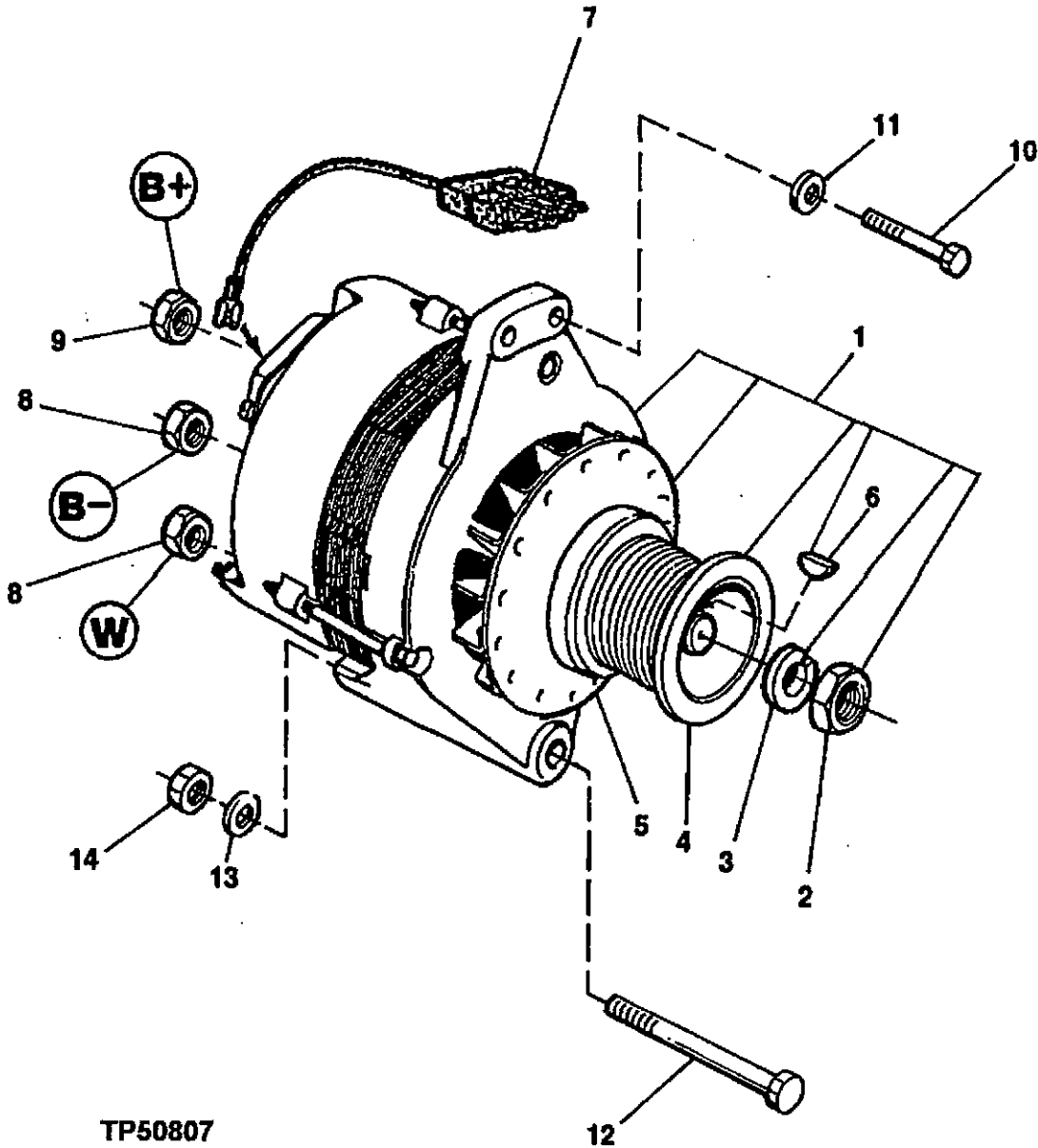
TP58378

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	TY24322	ALTERNATOR	1		45 AMP.-24VOLT, (REMANUFACTURED)
2	AT163156	REGULATOR	1		
3	H144095	CAPACITOR	1		
4	T10745	WASHER	1		
5	14M7158	NUT	1	M16	
6	T158584	FAN	1		
7A	R94350	SHEAVE	1	-XXXXXX	
7B	R94351	BUSHING	1	XXXXXX-	
8	R94351	BUSHING	1	-XXXXXX	
9	R48808	WASHER	1		
10	19M7867	SCREW	1	M8 X 25	
11	14M7296	FLANGE NUT	1	M10	
12	R64525	WASHER	1		
13	19M7812	SCREW	1	M10 X 100	

1J6

ALTERNATOR, REGULATOR AND CHARGING SYSTEM WIRING 1672
ALTERNATOR WITH WIRING HARNESS
(CODE 3101)

TP50807 -UN-16APR98



TP50807

1J7

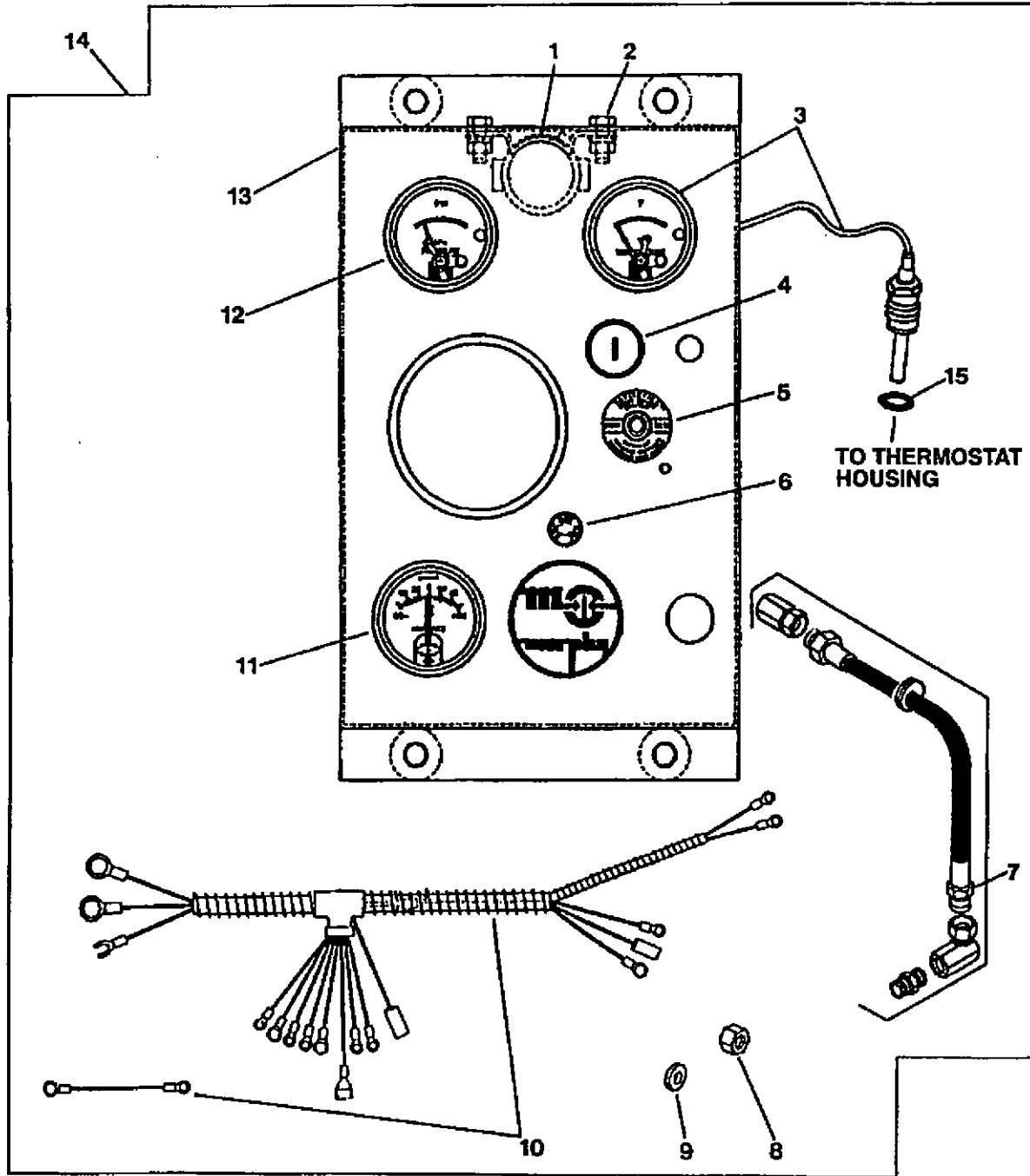
ELECTRICAL SYSTEM 16

ALTERNATOR, REGULATOR AND CHARGING SYSTEM WIRING 1672
ALTERNATOR WITH WIRING HARNESS
(CODE 3101)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	RE501634	ALTERNATOR	1		
2	.....	NUT	1		
3	.....	LOCK WASHER	1		
4	R501192	SHEAVE	1		
5	T158584	FAN	1		
6	.....	SHAFT KEY	1		
7	RE503815	CONNECTOR	1		(SUB FOR RE62627)
8	14M7265	LOCK NUT	1		M5
9	14M7165	LOCK NUT	1		M6
10	19M7867	SCREW	1		M8 X 25
11	R501065	WASHER	1		
12	19M7812	SCREW	1		M10 X 100
13	R64525	WASHER	1		10.312 X 17.475 X 0.914 MM (13/32" X 11/16" X 0.036")
14	14M7296	FLANGE NUT	1		M10

1J8

INSTRUMENT PANEL AND GAUGES
12-VOLT
TP55389 -UN-24JUN98

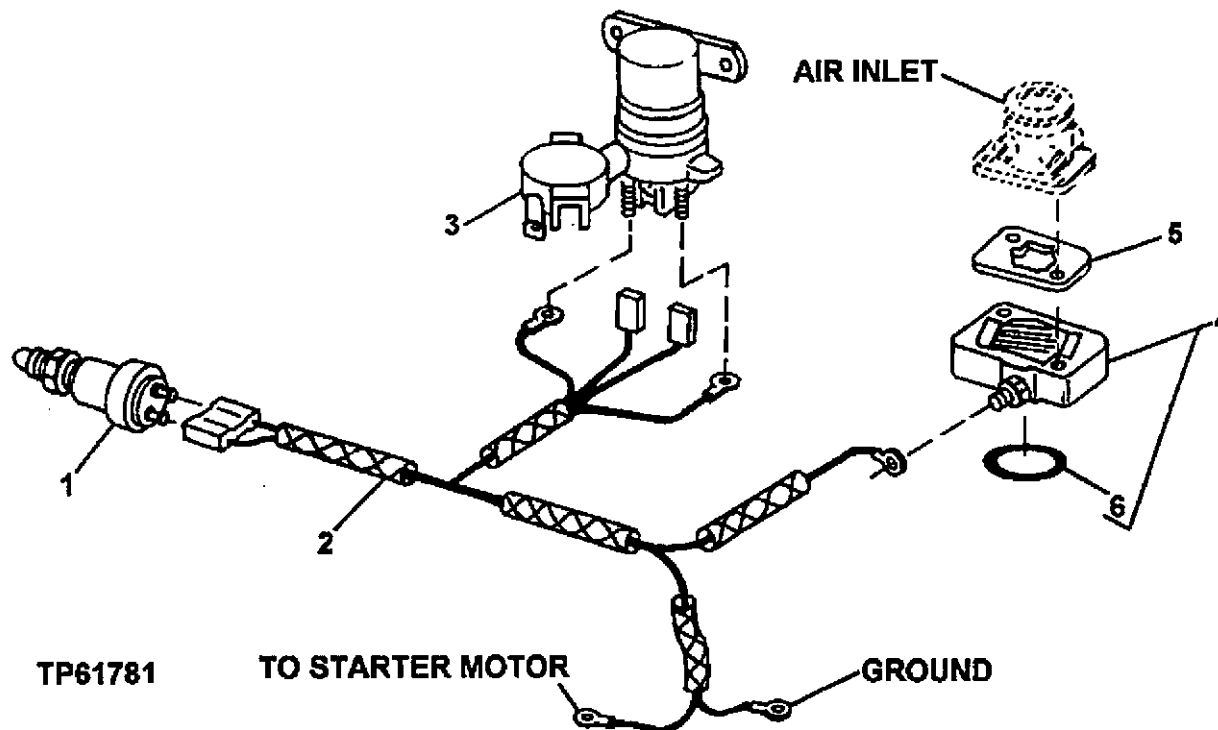


INSTRUMENT PANEL AND GAUGES-CONTINUED
 12-VOLT

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AT141011	RELAY	1		
2	.....	CAP SCREW	2		EXTERNAL (1/4-20 X 3/4)
	.....	LOCK WASHER	2		EXTERNAL (1/4")
	.....	NUT	2		INTERNAL (1/4-20 X 7/16)
	.....	WASHER	2		INTERNAL (1/4")
	.....	LOCK WASHER	2		INTERNAL (1/4")
3	RE501656	TEMPERATURE GAUGE	1		
4	AR58126	KEY SWITCH	1		
	AR51481	KEY	1		
5	RE63642	SWITCH	1		
6	RE63643	FUSE HOLDER	1		
	AH84168	FUSE	1		
7	RE63695	HYDRAULIC HOSE	1		
8	R44342	NUT	10		
9	A4827R	WASHER	10		
10	RE63641	WIRING HARNESS	1		
11	RE43304	AMMETER	1		
12	RE43305	METER	1		
13	.....	PANEL	1		(ORDER RE502090)
14	.....	PANEL	1		(RE502090 NOT AVAILABLE FOR SERVICE, ORDER DIRECT)
15	51M7041	O-RING	1		

1J10

AIR HEATER AND WIRING HARNESS
RELAY, 12 AND 24 VOLT
SWITCH
TP61781 -UN-06NOV98



TP61781

TO STARTER MOTOR

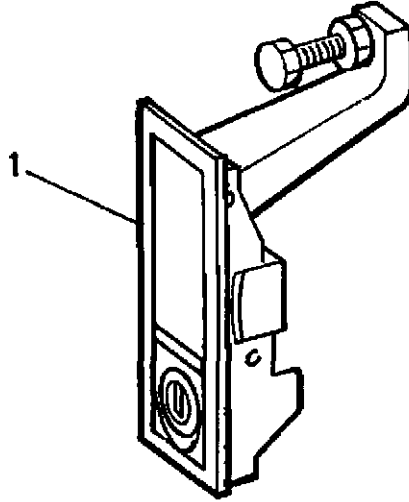
GROUND

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R39554	SWITCH	1		
2	RE502646	WIRING HARNESS	1		
3	AT141011	RELAY	1		
	AT145341	RELAY	1		12 VOLT
4	RE502657	HEATER	1		24 VOLT
	RE502668	HEATER	1		12 VOLT
5	R133893	GASKET	1		
6	R501459	GASKET	1		

1J12

HINGES

HINGES, YOKES AND GUDGEONS
CODE 9701 LATCH, FLUSH LOCKING
TP48986 -UN-01MAY96



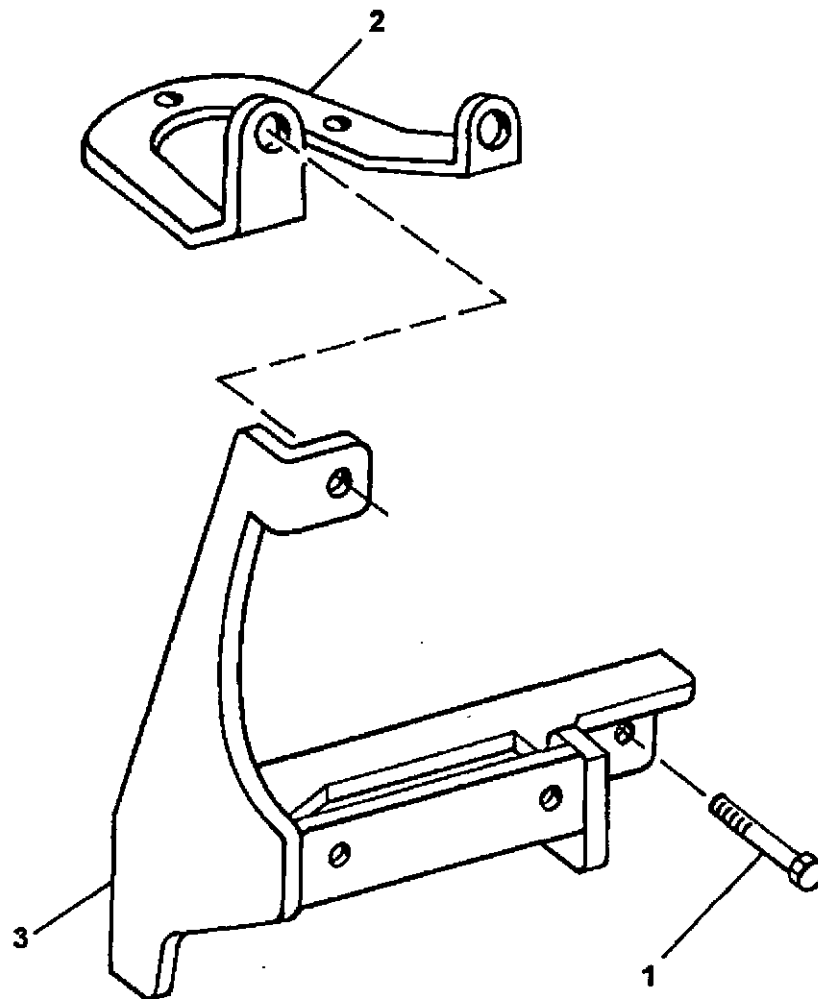
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	RE64097	LATCH	1		

MEMORANDA

MEMORANDA

1J14

AIR CONDITIONER COMPRESSOR SUPPORT CODE 7402
CLIMATISEUR COMPRESSEUR APPUI
KLIMAAANLAGE KOMPRESSOR STUETZE
CONDIZIONATORE COMPRESSORE SUPPORTO
ACONDICIONADOR DE AIRE COMPRESSOR APOYO
LIFTKONDITIONERING KOMPRESSOR STOED
TP55178 -UN-19AUG97



TP55178

1J15

OPERATOR'S STATION 18

AIR CONDITIONING SYSTEM COMPRESSOR AND DRIVE 1832

AIR CONDITIONER COMPRESSOR SUPPORT
(CODE 7402)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7784	SCREW	1		
2	R132690	BRACKET	1	M10 X 20	
3	RE70107	BRACKET	1		(SUB FOR R123500)

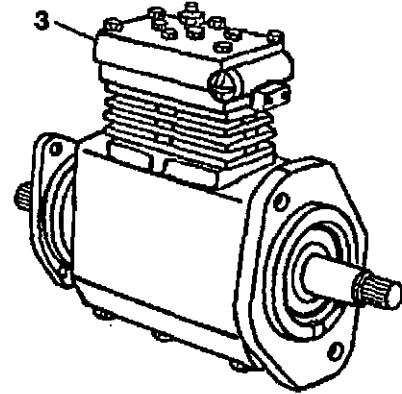
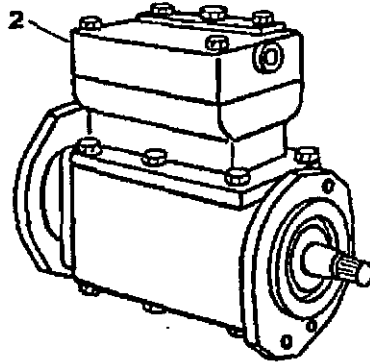
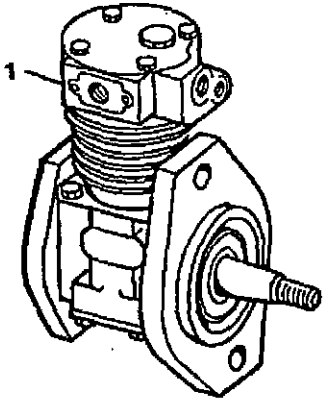
MEMORANDA

1J17

PNEUMATIC

SYSTEM

AIR COMPRESSOR
TP49629 UN-30JUN97



TP49629

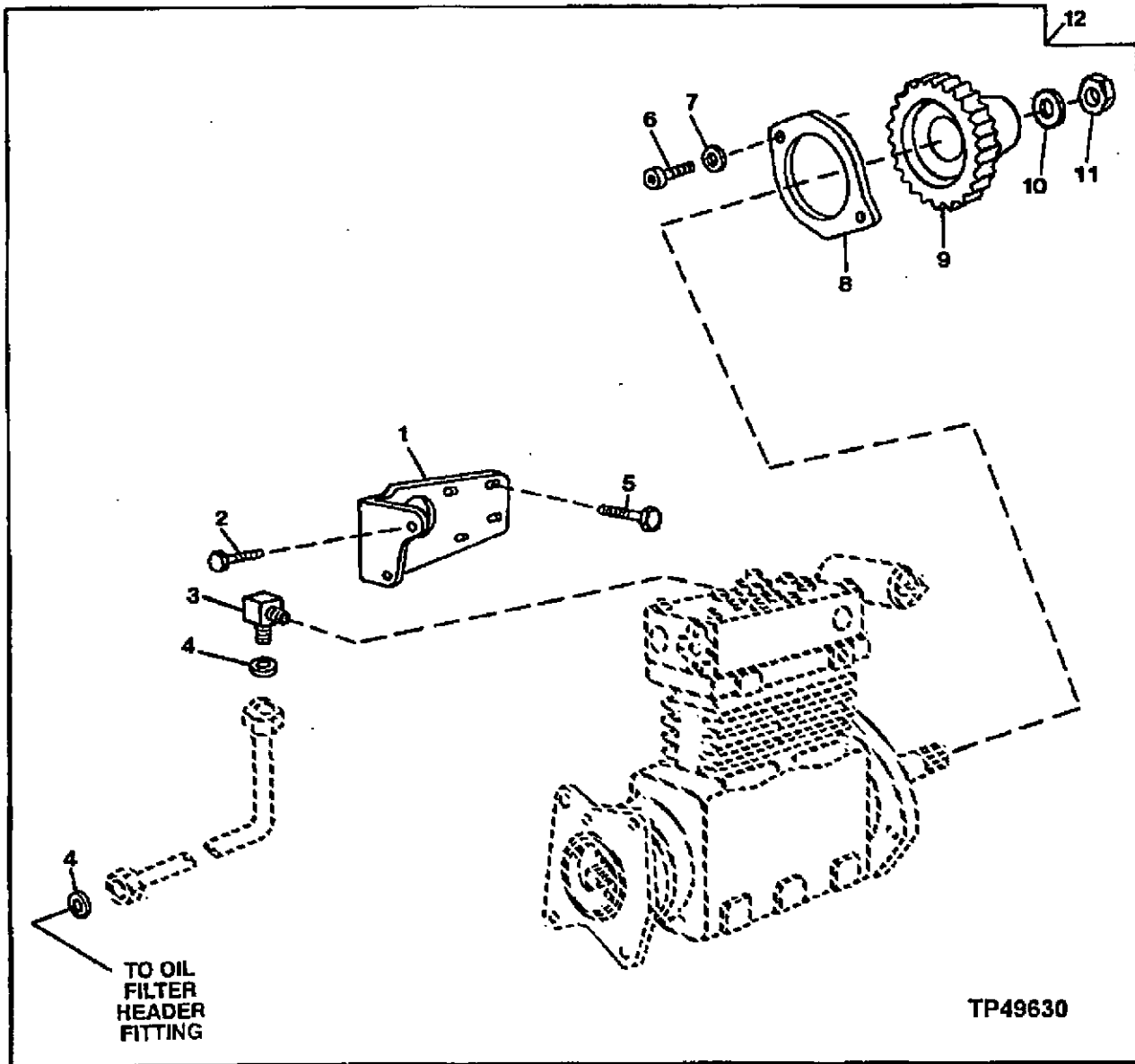
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	RE71102	COMPRESSOR	1	(MIDLAND NO.EL-850) (SUB FOR RE67309 AND RE67310)	
	RE70072	GOVERNOR	1	(MIDLAND NO.EL-850)	
2	RE71103	COMPRESSOR	1	(MIDLAND NO.EL-1300)(WITH HYDRAULIC PUMP DRIVE THROUGH)	
	RE71133	COMPRESSOR	1	(MIDLAND NO.EL-1300)(WITHOUT HYDRAULIC PUMP DRIVE THROUGH)	
3	RE70072	GOVERNOR	1	(MIDLAND NO.EL-1300)	
	RE66033	COMPRESSOR	1	(BENDIX TU-FLO 550)	

1J18

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT
(USE WITH BENDIX AIR COMPRESSOR)
(ENGINE SERIAL NO. -742889)
TP49630 -UN-30JUN97



1J19

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT- CONTINUED
(USE WITH BENDIX AIR COMPRESSOR)
(ENGINE SERIAL NO. -742889)

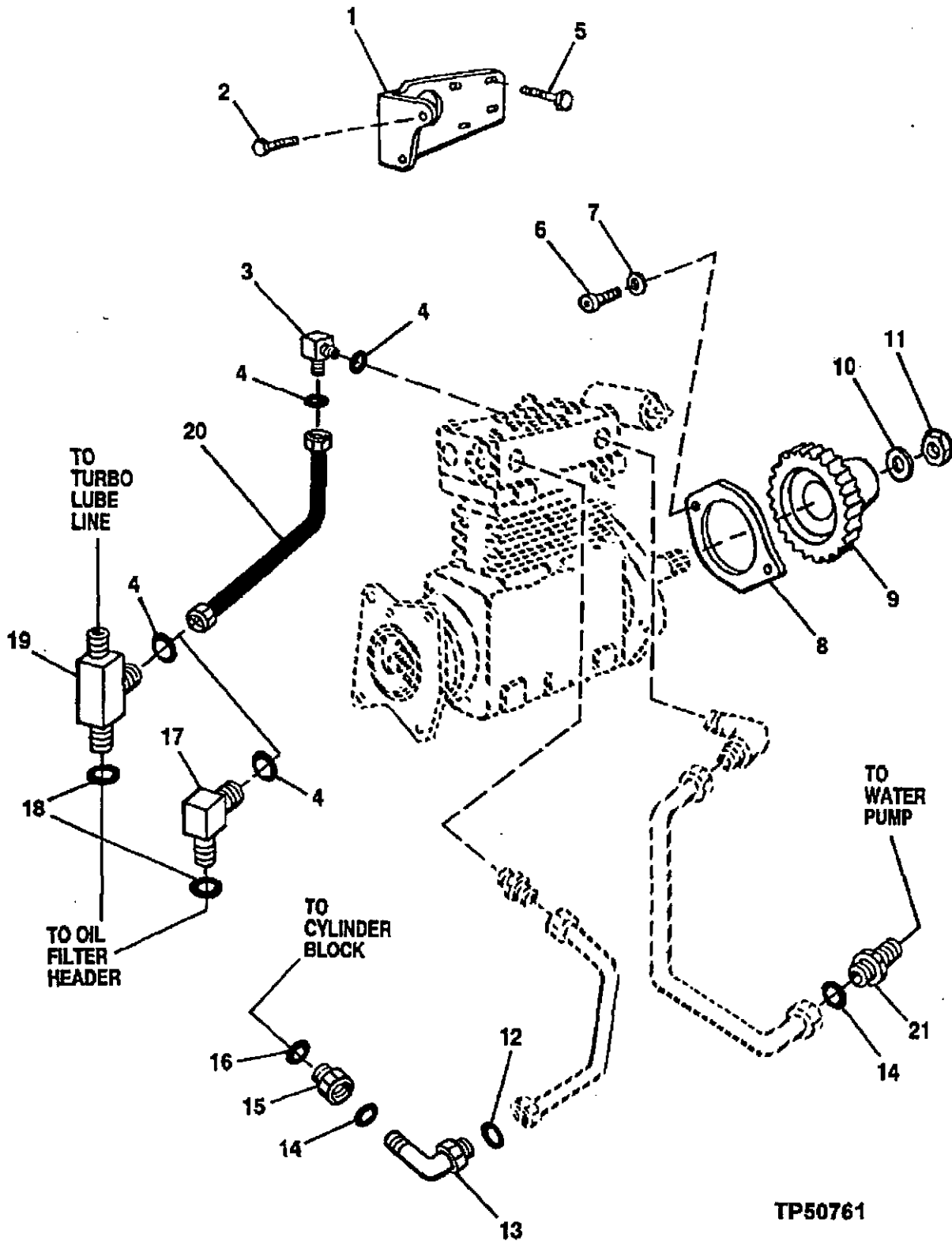
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R132348	BRACKET	1		
2	19M7402	CAP SCREW	2	M10 X 25	
3	T112804	ELBOW FITTING	1		
4	T77613	O-RING	1		
5	19M7865	SCREW	4	M8 X 16	
6	19M8489	SCREW	2	M12 X 65	
7	24M7044	WASHER	2	13 X 20 X 2 MM	
8	R123676	GASKET	1		
9	R134479	BEVEL GEAR DRIVE	1	(34 TEETH)	
10	24H1392	WASHER	1	25/32" X 1-3/8" X 0.120"	
11	14H863	NUT	1	3/4"	
12	RE60196	KIT	1	(BENDIX AIR COMPRESSOR DRIVE) (SUB RE500909)	

1J20

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT
(WITH BENDIX 550 AIR COMPRESSOR)
(ENGINE SERIAL NO.742890-)
TP50761 -UN-12MAR98



1J21

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT- CONTINUED
(WITH BENDIX 550 AIR COMPRESSOR)
(ENGINE SERIAL NO.742890-)

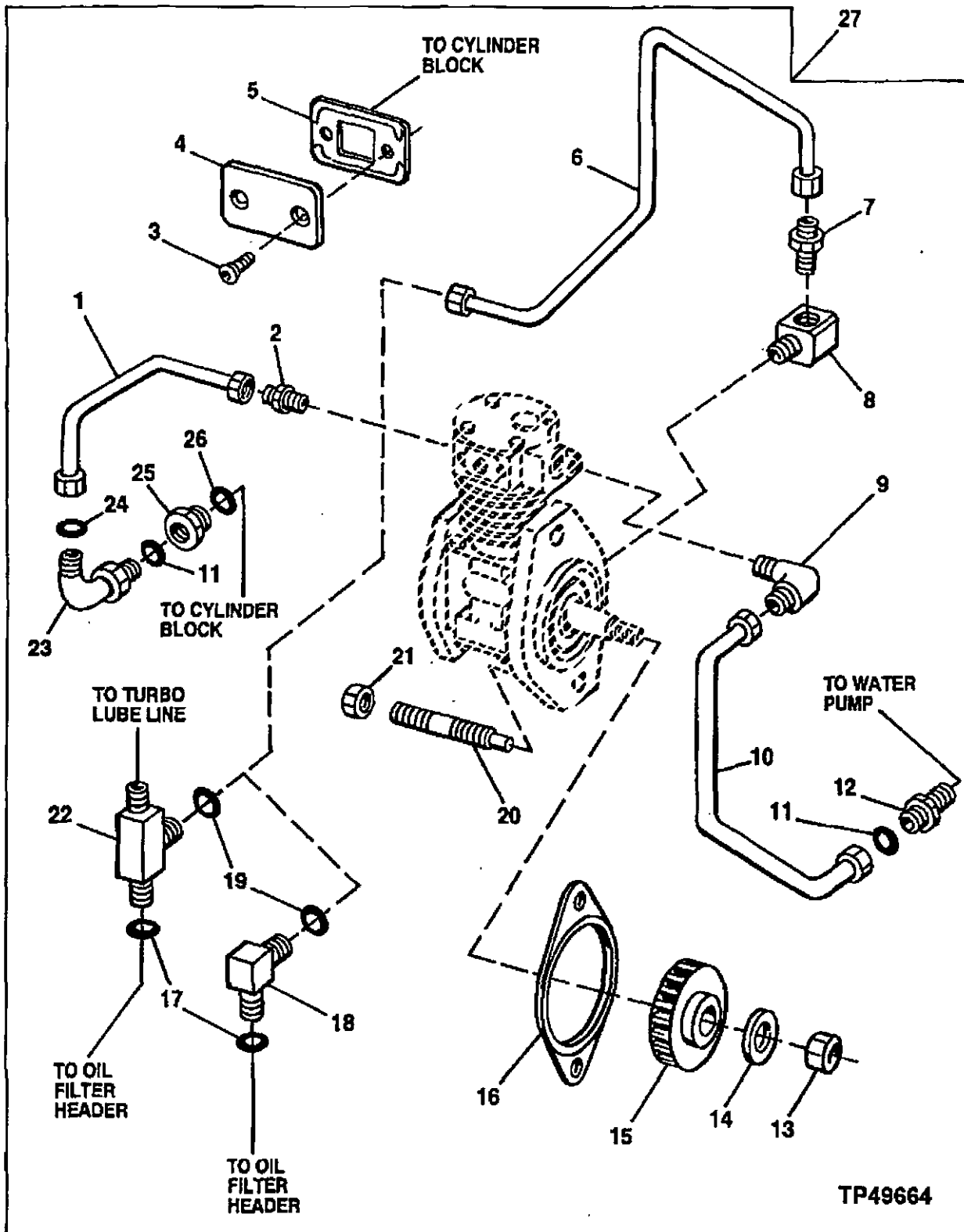
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R132348	BRACKET	1		
2	19M7402	CAP SCREW	2	M10 X 25	
3	T112804	ELBOW FITTING	1		
4	T77673	O-RING	2	0.364" X 0.070"	
5	19M7865	SCREW	4	M8 X 16	
6	19M8489	SCREW	2	M12 X 65	
7	24M7044	WASHER	2	13 X 20 X 2 MM	
8	R123676	GASKET	1		
9	R134479	BEVEL GEAR DRIVE	1	(34 TEETH)	
10	24H1392	WASHER	1	25/32" X 1-3/8" X 0.120"	
11	14H863	NUT	1	3/4"	
12	51M7043	O-RING	1	15.300 X 2.200 MM	
13	38H5017	ELBOW FITTING	1		
14	T77857	O-RING	2	0.489" X 0.070"	
15	R135334	PLUG	1		
16	U13639	O-RING	1	1.475" X 0.118"	
17	38H5035	ELBOW FITTING	1	(WITHOUT TURBOCHARGER, BUT WITH LOW MOUNT TURBOCHARGER)	
18	51M7042	O-RING	1	13.300 X 2.200 MM	
19	38H5165	TEE FITTING	1	(WITH HIGHT MOUNT TURBOCHARGER)	
20	RE60017	HYDRAULIC HOSE - FABRICATE	1		
21	38H5003	ADAPTER	1	(STRAIGHT CONNECTOR)	
22	RE500909	KIT	1		

1J22

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT
(WITH MIDLAND NO.EL-850 COMPRESSOR)
(ENGINE SERIAL NO. -742889)
TP49664 -UN-16JAN98



1J23

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT - CONTINUED
(WITH MIDLAND NO.EL-850 COMPRESSOR)
(ENGINE SERIAL NO. -742889)

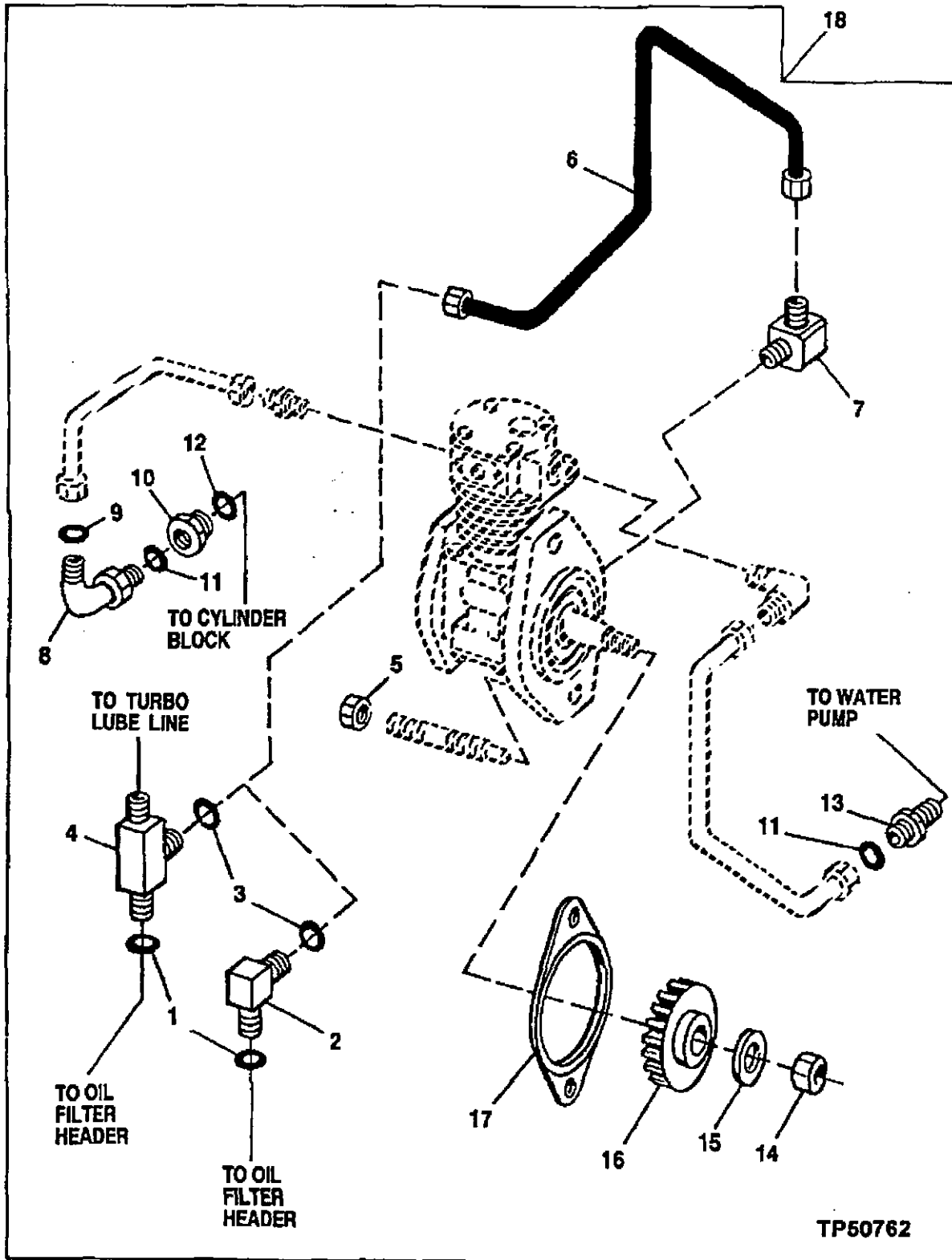
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70322	LINE	1		
2	R126206	CONNECTOR	1		
3	RE70306	SCREW	2		
4	R135262	COVER	1		
5	R136495	GASKET	1		(34 TEETH)
6	RE69763	OIL LINE	1		
7	R63604	FITTING	1		
8	R135261	FITTING	1		
9	R126287	PIPE ELBOW	1		
10	RE70323	LINE	1		
11	T77857	O-RING	2		
12	38H5003	ADAPTER	1		
13	14H1083	NUT	1	5/8"	
14	24H1368	WASHER	2	21/32" X 1-5/16" X 0.090"	
15	R120634	GEAR	1		(31 TEETH)
16	R134465	GASKET	1		
17	51M7042	O-RING	2	0.524" X 0.087"	
18	38H5035	ELBOW FITTING	1		(WITH LOW MOUNT TURBOCHARGER)
19	T77613	O-RING	2	0.364" X 0.070"	
20	R134228	STUD	2		
21	14M7299	FLANGE NUT	2	M12	
22	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
23	38H5017	ELBOW FITTING	1		
24	51M7043	O-RING	1		
25	R135334	PLUG	1		
26	U13639	O-RING	1		
27	RE60177	KIT	1		(SUB RE500910)

1J24

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT
(WITH MIDLAND EL1300 COMPRESSOR)
(ENGINE SERIAL NO.742890-)
TP50762 -UN-12MAR98



1J25

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT - CONTINUED
(WITH MIDLAND EL1300 COMPRESSOR)
(ENGINE SERIAL NO.742890-)

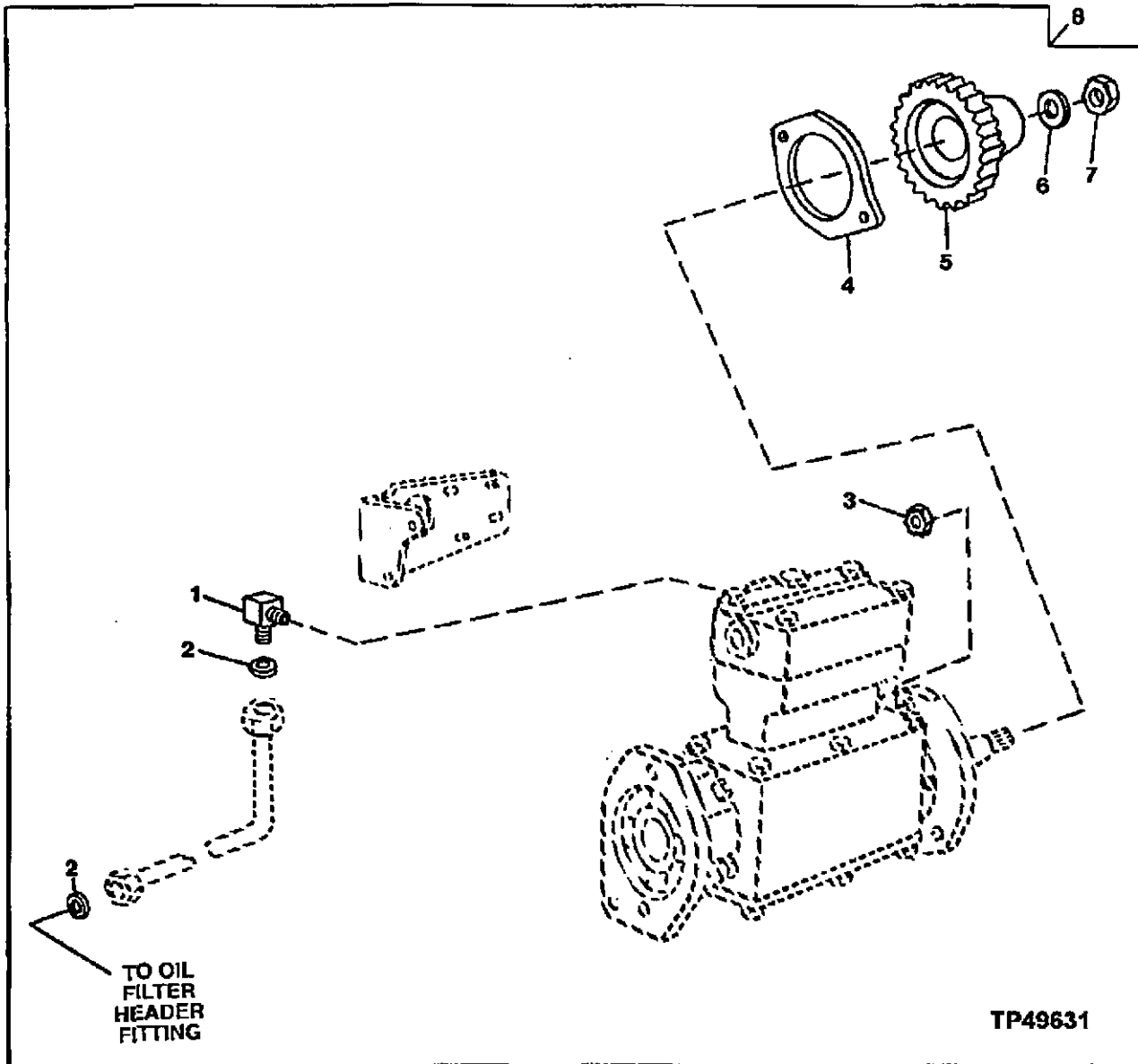
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	51M7042	O-RING	1		13.300 X 2.200 MM
2	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER, BUT WITH LOW MOUNT TURBOCHARGER)
3	T77613	O-RING	2		0.364" X 0.070"
4	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
5	14M7299	FLANGE NUT	2		M12
6	RE60017	HYDRAULIC HOSE - FABRICATE	1		
7	T112804	ELBOW FITTING	1		
8	38H5017	ELBOW FITTING	1		
9	51M7043	O-RING	1		15.300 X 2.200 MM
10	R135334	PLUG	1		
11	T77857	O-RING	2		0.489" X 0.070"
12	U13639	O-RING	1		1.475" X 0.118"
13	38H5003	ADAPTER	1		(STRAIGHT CONNECTOR)
14	14H1083	NUT	1		5/8"
15	24H1368	WASHER	1		21/32" X 1-5/16" X 0.090"
16	R134479	BEVEL GEAR DRIVE	1		
17	R125670	GASKET	1		
18	RE500910	KIT	1		

1K1

PNEUMATIC

SYSTEM

AIR COMPRESSOR DRIVE KIT
(USE WITH MIDLAND NO.EL-1300 AIR COMPRESSOR)
TP49631 -UN-30JUN97



1K2

PNEUMATIC

SYSTEM

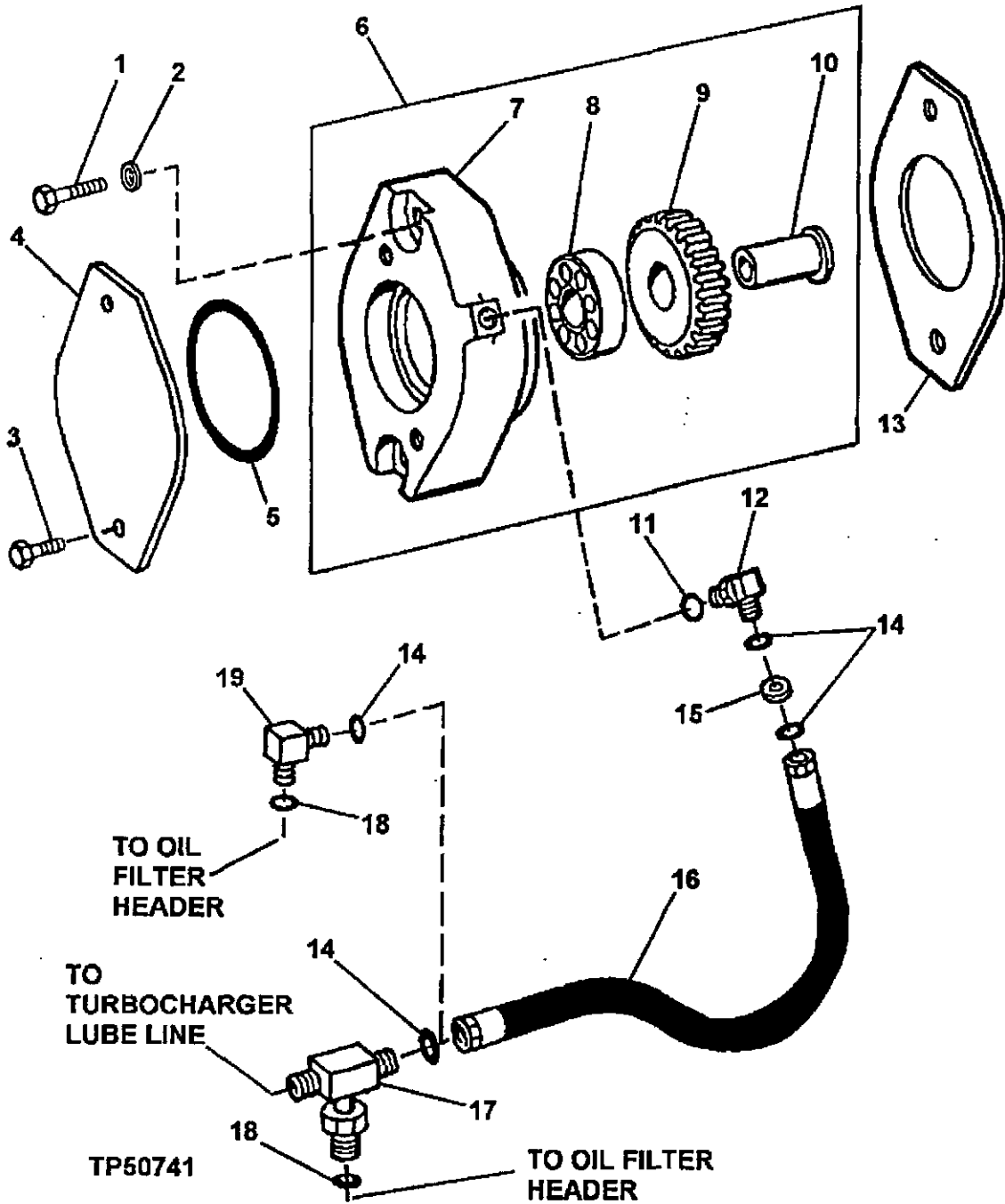
AIR COMPRESSOR DRIVE KIT - CONTINUED
(USE WITH MIDLAND NO.EL- 1300 AIR COMPRESSOR)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T112804	ELBOW FITTING	1		
2	T77613	O-RING	2		
3	14M7299	FLANGE NUT	2	M12	
4	R125670	GASKET	1		
5	R134479	BEVEL GEAR DRIVE	1	(34 TEETH)	
6	24H1368	WASHER	1	21/32" X 1-5/16" X 0.090"	
7	14H1083	NUT	1	5/8"	
8	RE60197	KIT	1	(MIDLAND AIR COMPRESSOR DRIVE)	

2B11

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5201) (ENGINE SERIAL NO. -700294)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP50741 -UN-10MAR98



2B12

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

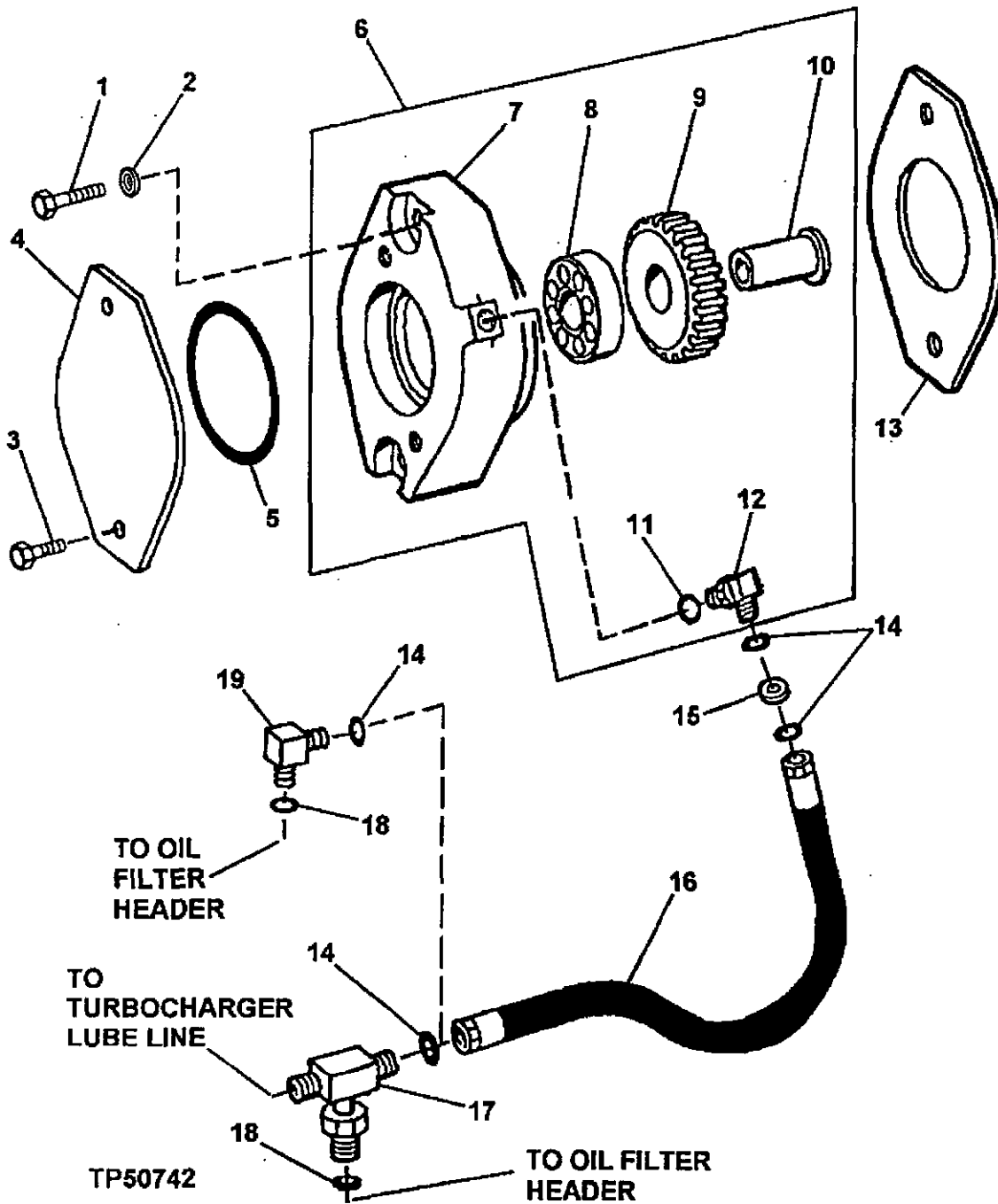
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5201)
(ENGINE SERIAL NO. -700294)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2	M12 X 70	
2	24M7047	WASHER	2	13 X 24 X 2.500 MM	
3	19M7943	CAP SCREW	2	M12 X 90, (WITHOUT ACCESSORIES)	
4	R135757	COVER	1	(WITHOUT ACCESSORIES) (SUB FOR R123480)	
5	T20758	O-RING	1	(WITHOUT ACCESSORIES)	
6	RE59505	ADAPTER	1	(MARKED R123289) (SUB RE500824, T77613, 38H5022 AND 51M7040) (ALSO ORDER (2) 14M7299)	
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	51M7040	O-RING	1	9.300 X 2.200 MM	
12	38H5022	ELBOW FITTING	1		
13	R134465	GASKET	1	(SUB FOR R123481)	
14	T77613	O-RING	3	0.364" X 0.070"	
15	N275799	ORIFICE	1		
16	RE60017	HYDRAULIC HOSE - FABRICATE	1		
17	38H5165	TEE FITTING	1	(WITH HIGH MOUNT TURBOCHARGER)	
18	51M7042	O-RING	1	13.300 X 2.200 MM	
19	38H5035	ELBOW FITTING	1	(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)	

2B13

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5201) (ENGINE SERIAL NO.700295-720811)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELOPDRIVENHET
TP50742 -JN-10MAR98



2B14

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

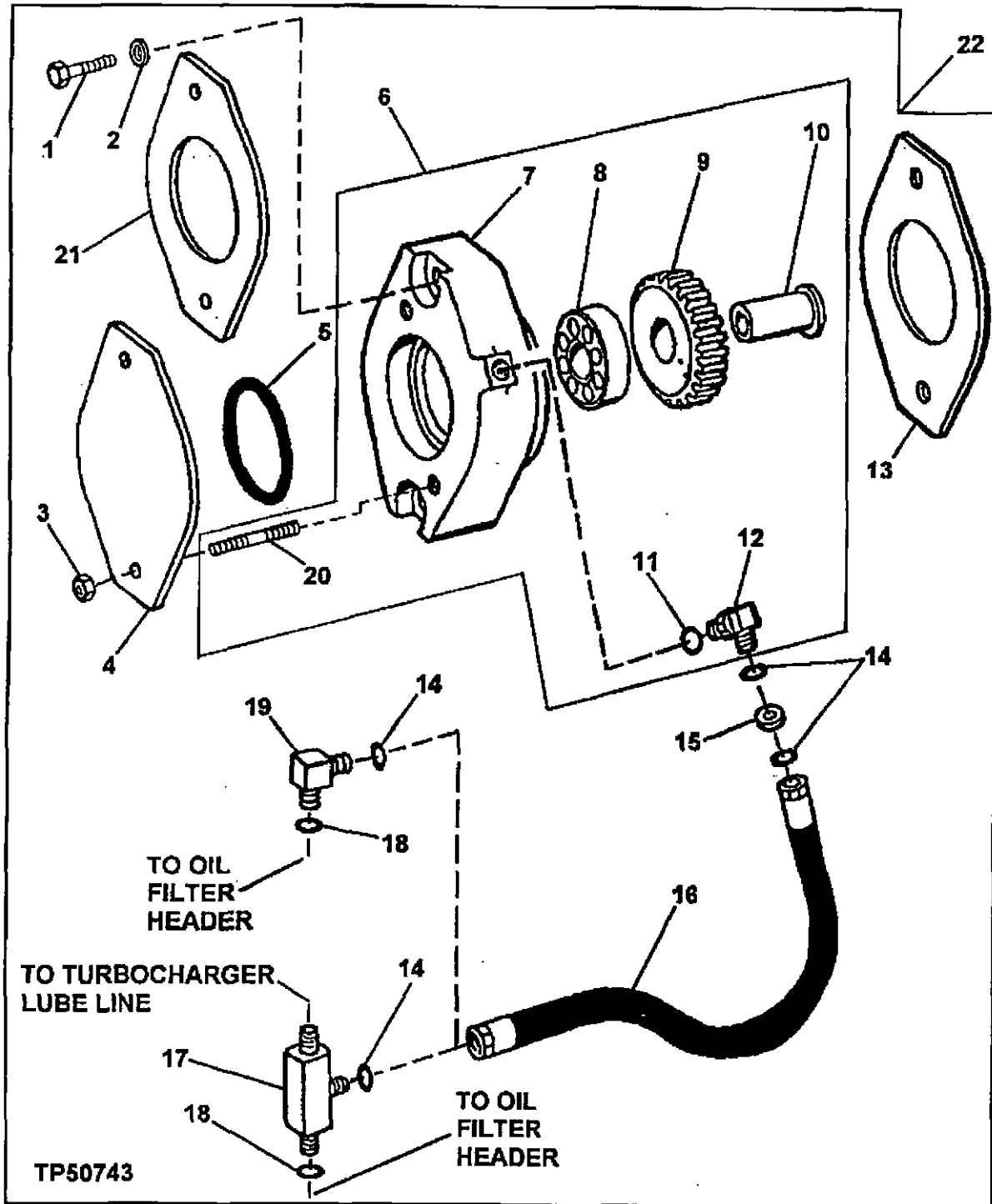
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5201)
(ENGINE SERIAL NO.700295-720811)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2	M12 X 70	
2	24M7047	WASHER	2	13 X 24 X 2.500 MM	
3	19M7789	SCREW	2	M12 X 30, (WITHOUT ACCESSORIES)	
4	R135757	COVER	1	(WITHOUT ACCESSORIES)	
5	T20758	O-RING	1	(WITHOUT ACCESSORIES)	
6	RE69561	ADAPTER	1	(MARKED R135121) (SUB RE500824, T77613, 38H5022 AND 51M7040) (ALSO ORDER (2) 14M7299)	
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	51M7040	O-RING	1	9.300 X 2.200 MM	
12	38H5022	ELBOW FITTING	1		
13	R134465	GASKET	1		
14	T77613	O-RING	3	0.364" X 0.070"	
15	N275799	ORIFICE	1		
16	RE60017	HYDRAULIC HOSE - FABRICATE	1		
17	38H5035	ELBOW FITTING	1	(WITH HIGH TURBOCHARGER)	
18	51M7042	O-RING	1	13.300 X 2.200 MM	
19	38H5035	ELBOW FITTING	1	(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)	

2B15

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5201) (ENGINE SERIAL NO.720812-742889)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELOPDRIVENHET
TP50743 -UN-10MAR98



2B16

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

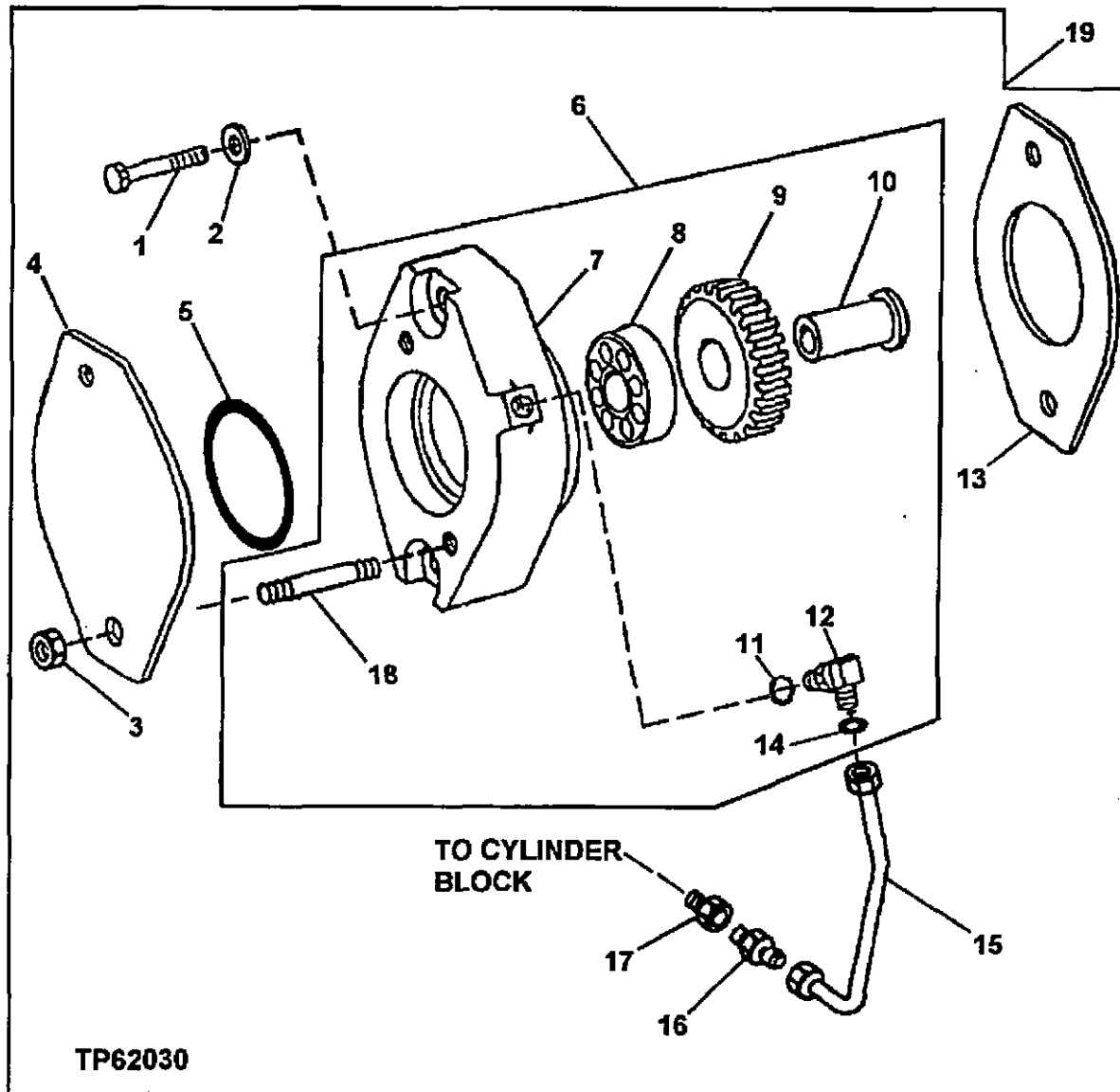
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5201)
(ENGINE SERIAL NO.720812-742889)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2	M12 X 70	
2	24M7047	WASHER	2	13 X 24 X 2.500 MM	
3	14M7299	FLANGE NUT	2	M12, (WITHOUT ACCESSORIES)	
4	R135757	COVER	1	(WITHOUT ACCESSORIES)	
5	T20758	O-RING	1	(WITHOUT ACCESSORIES)	
6	RE500038	ADAPTER	1	(MARKED R135121) (SUB RE500824, 38H5022, 51M7040 AND T77613)	
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	51M7040	O-RING	1	9.300 X 2.200 MM	
12	38H5022	ELBOW FITTING	1		
13	R134465	GASKET	1		
14	T77613	O-RING	3	0.364" X 0.070"	
15	N275799	ORIFICE	1		
16	RE60017	HYDRAULIC HOSE - FABRICATE	1		
17	38H5165	TEE FITTING	1	(WITH HIGH MOUNT TURBOCHARGER)	
18	51M7042	O-RING	1	13.300 X 2.200 MM	
19	38H5035	ELBOW FITTING	1	(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)	
20	42M7071	STUD	2		
21	R134465	GASKET	1	(WITH ACCESSORIES)	
22	RE500029	ADAPTER	1	(KIT) (SUB RE500883, RE46716, T77613, 38H5037, 38H5154 AND 51M7042)	

2B17

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5201) (ENGINE SERIAL NO.742890-)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELODRIVENHET
TP62030 -UN-13JAN99



2B18

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

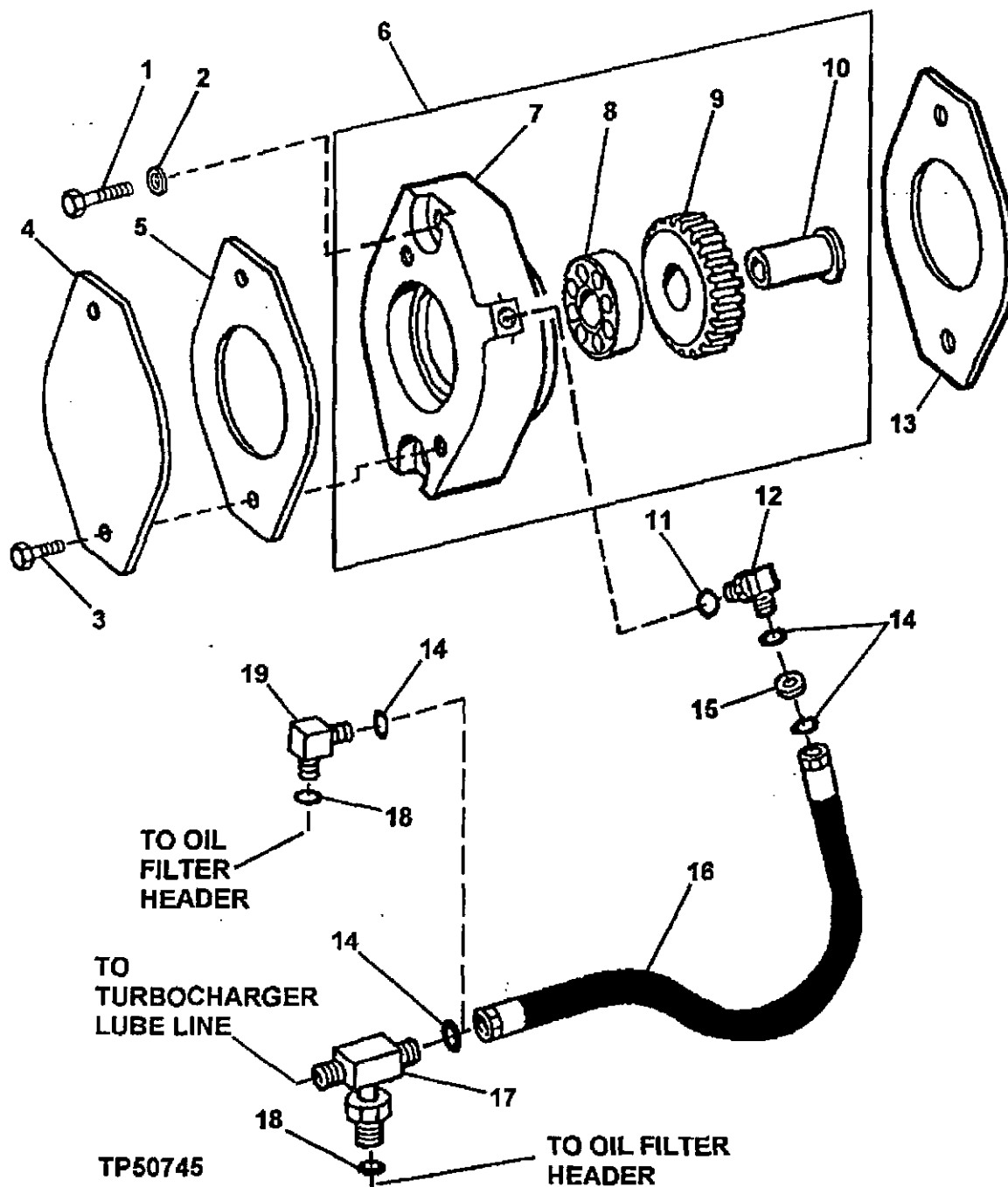
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5201)
(ENGINE SERIAL NO.742890-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2	M12 X 70	
2	24M7047	WASHER	2	13 X 24 X 2.500 MM	
3	14M7299	FLANGE NUT	2	M12, (WITHOUT ACCESSORIES)	
4	R135757	COVER	1	(WITHOUT ACCESSORIES)	
5	T20758	O-RING	1	(WITHOUT ACCESSORIES)	
6	RE500824	ADAPTER	1	(MARKED R135121)	
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	T77814	O-RING	1		
12	38H5015	ELBOW FITTING	1		
13	R134465	GASKET	1		
14	T77614	UNION FITTING	1		
15	RE500718	OIL LINE	1		
16	R110664	COUPLING	1		
17	15H642	PIPE BUSHING	1	1/4"	
18	42M7071	STUD	1		
19	RE500883	ADAPTER	1	(KIT)	

2B19

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5202) (ENGINE SERIAL NO. -700294)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELODRIVENHET
TP50745 -UN-10MAR98



2B20

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

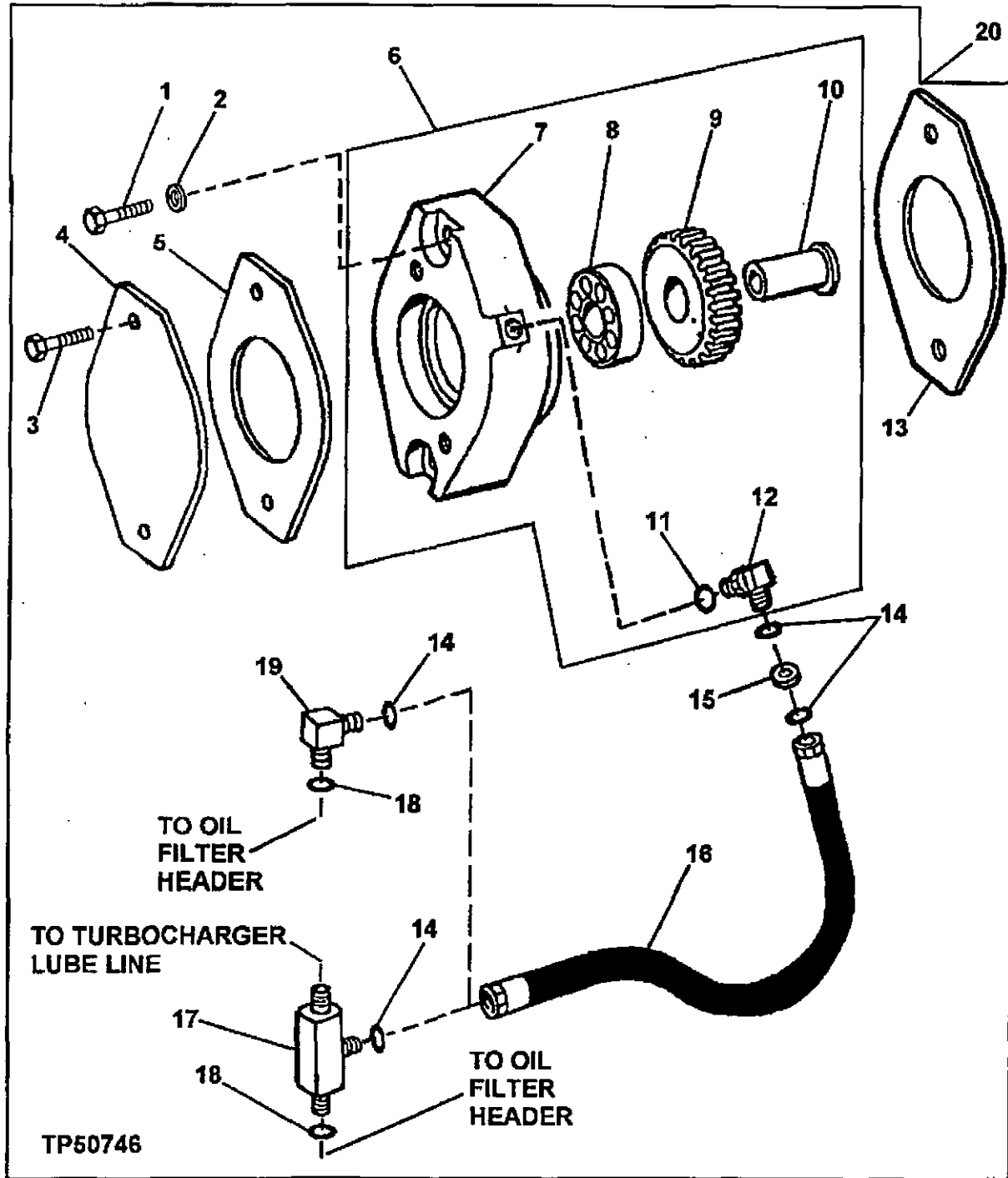
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5202)
(ENGINE SERIAL NO. -700294)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2	M12 X 70	
2	24M7047	WASHER	2	13 X 24 X 2.500 MM	
3	19M7402	CAP SCREW	2	M10 X 25, (WITHOUT ACCESSORIES)	
4	R85145	COVER	1	(WITHOUT ACCESSORIES)	
5	R96935	GASKET	1	(WITHOUT ACCESSORIES) (SUB FOR R123482)	
6	RE59503	ADAPTER	1	(MARKED R123286) (SUB RE500825, T77613, 38H5022 AND 51M7040)	
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	51M7040	O-RING	1	9.300 X 2.200 MM	
12	38H5022	ELBOW FITTING	1		
13	R134465	GASKET	1	(SUB FOR R123481)	
14	T77613	O-RING	3	0.364" X 0.070"	
15	N275799	ORIFICE	1		
16	RE60017	HYDRAULIC HOSE - FABRICATE	1		
17	38H5165	TEE FITTING	1	(WITH HIGH MOUNT TURBOCHARGER)	
18	51M7042	O-RING	1	13.300 X 2.200 MM	
19	38H5035	ELBOW FITTING	1	(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)	

2B21

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5202) (ENGINE SERIAL NO.700295-742889)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJÆLPDRIVENHET
TP50746 -UN-10MAR98



2B22

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

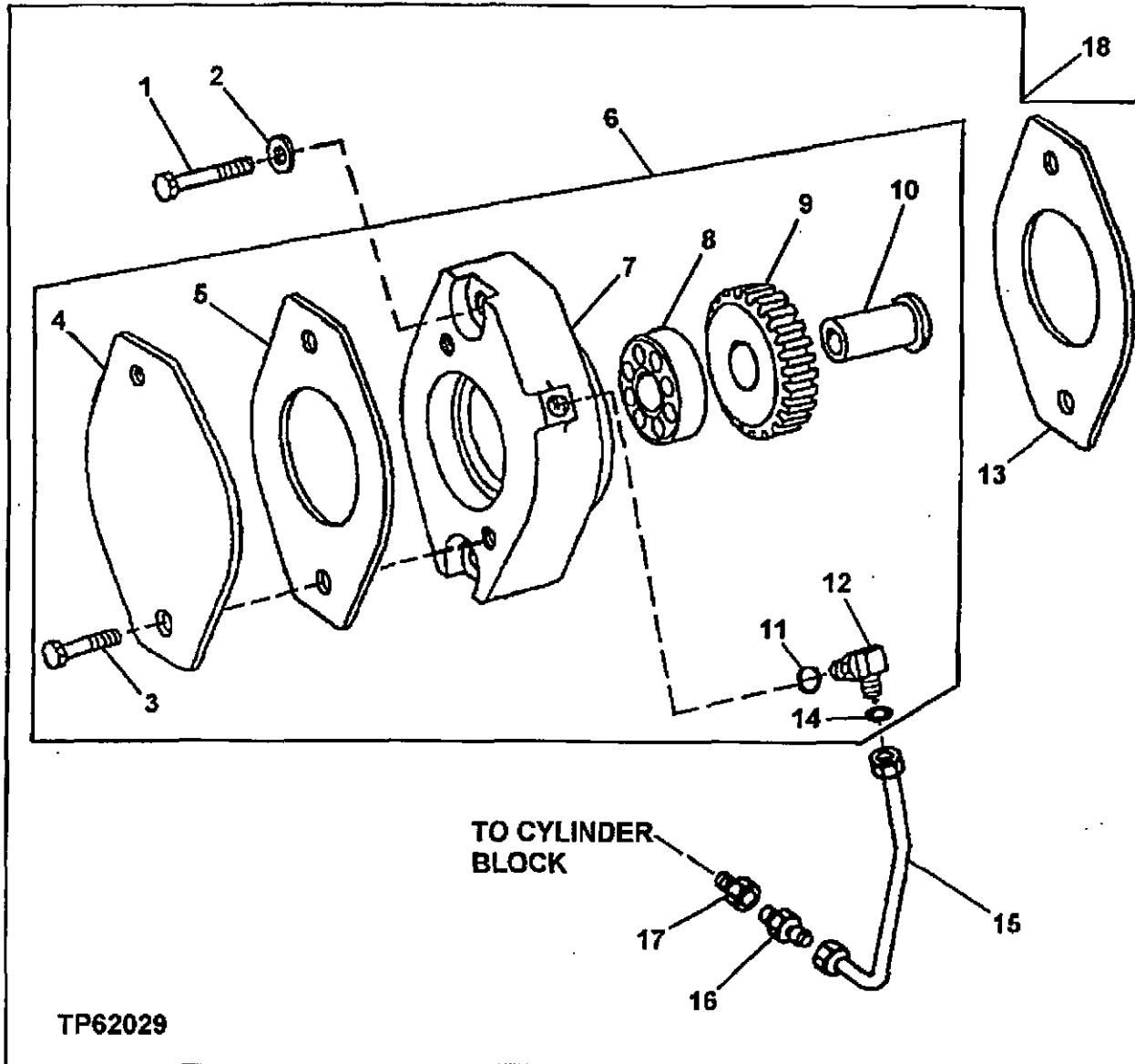
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5202)
(ENGINE SERIAL NO.700295-742889)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2	M12 X 70	
2	24M7047	WASHER	2	13 X 24 X 2.500 MM	
3	19M7786	SCREW	2	M10 X 30, (WITHOUT ACCESSORIES)	
4	R85145	COVER	1	(WITHOUT ACCESSORIES)	
5	R96935	GASKET	1	(WITHOUT ACCESSORIES)	
6	RE69562	ADAPTER	1	(MARKED R135120) (SUB RE500825, T77613, 38H5022 AND 51M7040)	
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	51M7040	O-RING	1	9.300 X 2.200 MM	
12	38H5022	ELBOW FITTING	1		
13	R134465	GASKET	1		
14	T77613	O-RING	3	0.364" X 0.070"	
15	N275799	ORIFICE	1		
16	RE60017	HYDRAULIC HOSE - FABRICATE	1		
17	38H5165	TEE FITTING	1	(WITH HIGH MOUNT TURBOCHARGER)	
18	51M7042	O-RING	1	13.300 X 2.200 MM	
19	38H5035	ELBOW FITTING	1	(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)	
20	RE500030	ADAPTER	1	(KIT) (SUB RE500884, RE46716, T77613, 38H5037, 38H5154 AND 51M7042)	

2B23

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE GEAR ADAPTER (CODE 5202) (ENGINE SERIAL NO.742890-)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJÆLPEDRIVENHET
TP62029 -UN-27JAN99



2B24

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

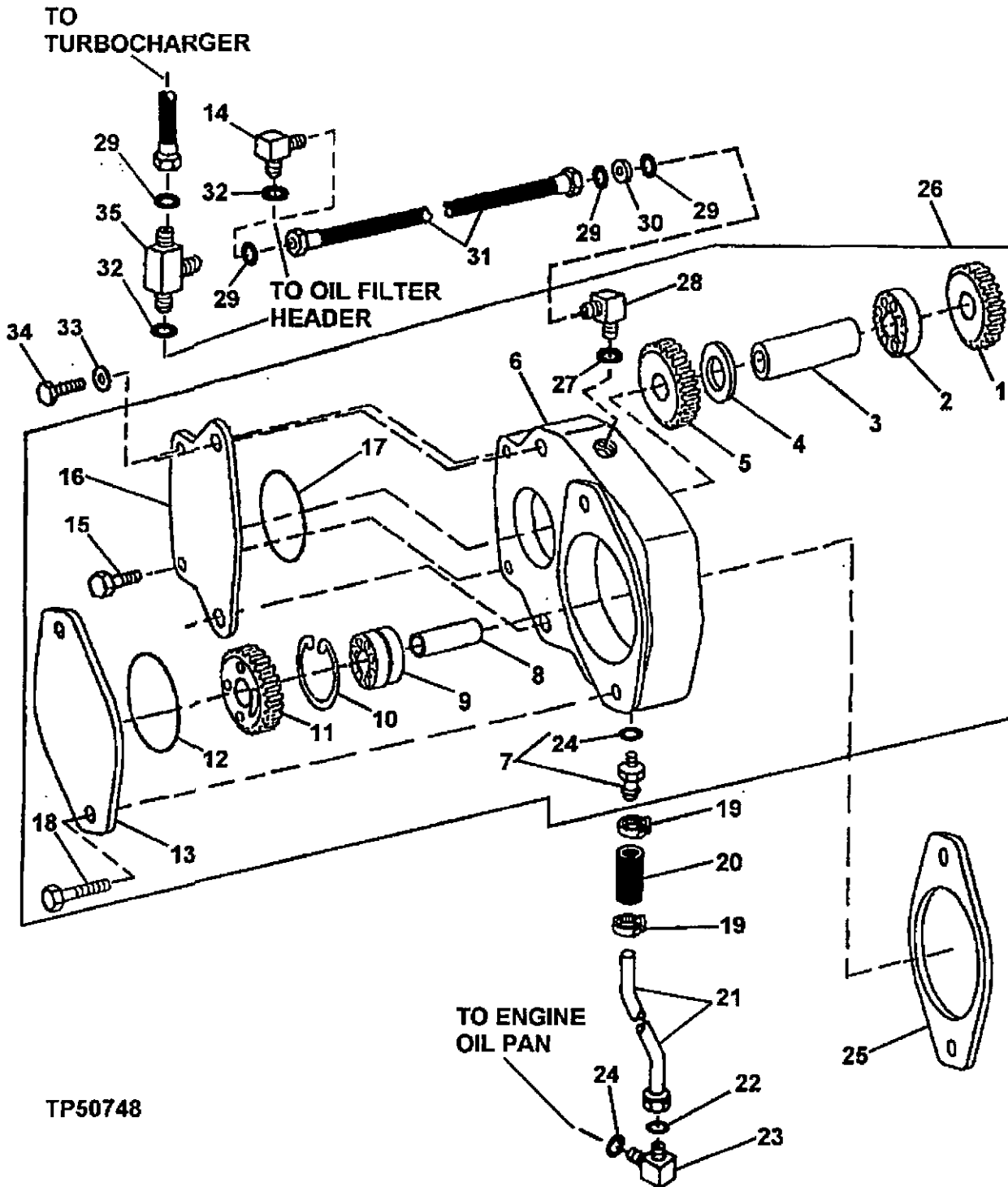
AUXILIARY DRIVE GEAR ADAPTER
(CODE 5202)
(ENGINE SERIAL NO.742890-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7753	CAP SCREW	2		M12 X 70
2	24M7047	WASHER	2		13 X 24 X 2.500 MM
3	19M7785	SCREW	2		M10 X 25, (WITHOUT ACCESSORIES)
4	R85145	COVER	1		(WITHOUT ACCESSORIES)
5	R96935	GASKET	1		(WITHOUT ACCESSORIES)
6	RE500825	ADAPTER	1		(MARKED R135120)
7	.....	HOUSING	1		
8	.....	ROLLER BEARING	1		
9	.....	GEAR	1		
10	.....	DRIVE SHAFT	1		
11	51M7040	O-RING	1		9.300 X 2.200 MM
12	38H5015	ELBOW FITTING	1		
13	R134465	GASKET	1		
14	T77814	O-RING	1		
15	RE500718	OIL LINE	1		
16	R110864	COUPLING	1		
17	15H642	PIPE BUSHING	1		1/4"
18	RE500884	ADAPTER	1		(KIT)

2C1

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5203) (ENGINE SERIAL NO. -XXXXXX)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP50748 -UN-10MAR98



2C2

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

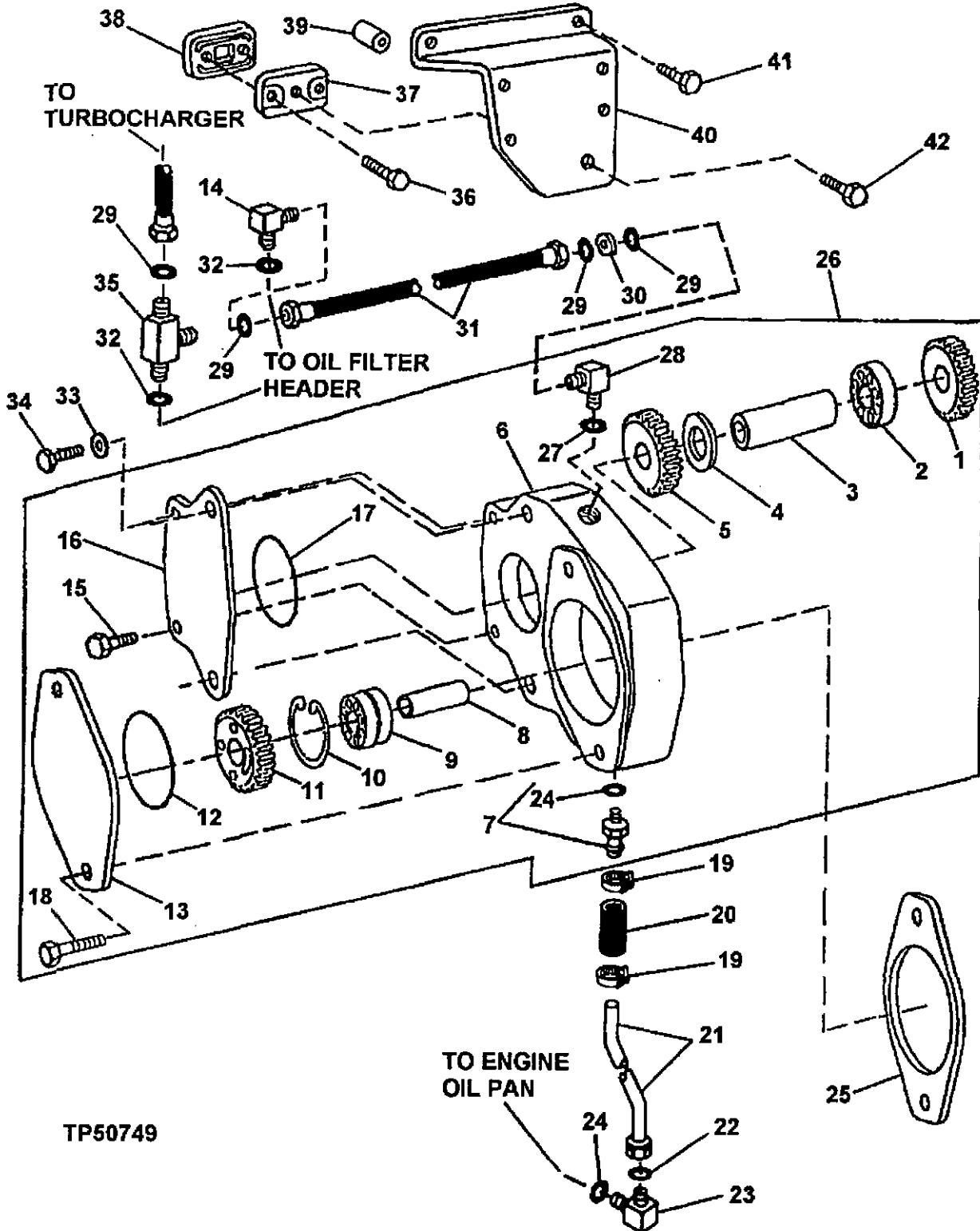
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5203)
(ENGINE SERIAL NO. -XXXXXX)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	GEAR	1		
2	.....	ROLLER BEARING	1		
3	.....	DRIVE SHAFT	1		
4	.....	SPACER	1		
5	.....	GEAR	1		
6	.....	HOUSING	1		
7	L56883	HOSE FITTING	1		
8	.....	DRIVE SHAFT	1		
9	.....	ROLLER BEARING	1		
10	R71228	RING	1		
11	.....	GEAR	1		
12	T20758	O-RING	1		
13	R135757	COVER	1		(SUB FOR R123480)
14	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
15	19M7785	SCREW	2		M10 X 25
16	.....	COVER	1		
17	R112857	O-RING	1		
18	19M7789	SCREW	2		M12 X 30
19	RE32361	HOSE CLAMP	2		
20	.....	HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE69088	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R134465	GASKET	1		(SUB FOR R123481)
26	RE59654	ADAPTER	1		(MARKED R123443) (SUB RE500826, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1		13.300 X 2.200 MM
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110
35	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)

2C3

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5203) (ENGINE SERIAL NO.XXXXXX-717568)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJÆLPDRIVENHET
TP50749 -UN-10MAR98



TP50749

2C4

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41

GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5203)
(ENGINE SERIAL NO.XXXXXX-717568)

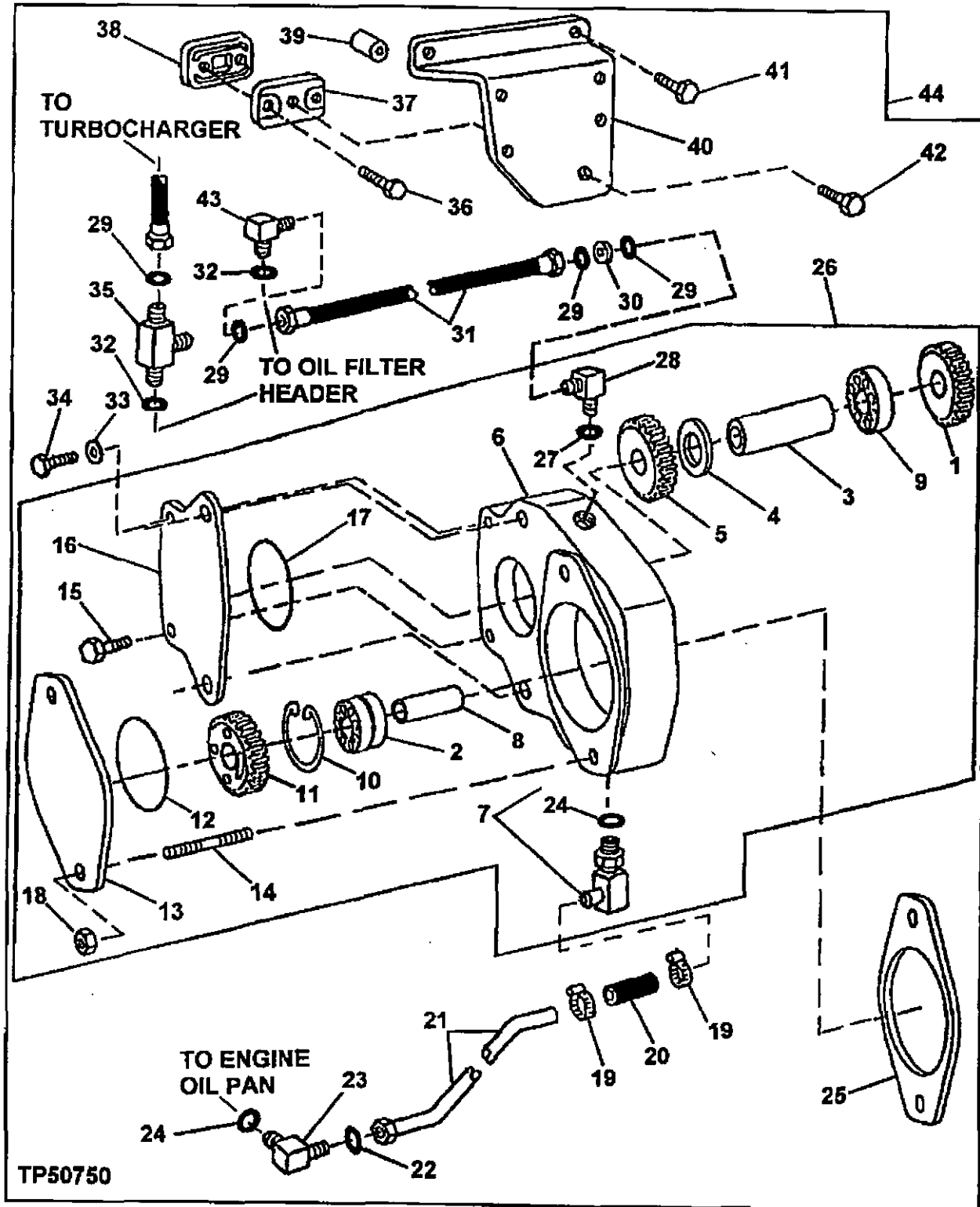
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	GEAR	1		
2	.....	ROLLER BEARING	1		
3	.....	DRIVE SHAFT	1		
4	.....	SPACER	1		
5	.....	GEAR	1		
6	.....	HOUSING	1		
7	L56883	HOSE FITTING	1		
8	.....	DRIVE SHAFT	1		
9	.....	ROLLER BEARING	1		
10	R71228	RING	1		
11	.....	GEAR	1		
12	T20758	O-RING	1		
13	R135757	COVER	1		(SUB FOR R123480)
14	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
15	19M7785	SCREW	2		M10 X 25
16	.....	COVER	1		
17	R112857	O-RING	1		
18	19M7789	SCREW	2		M12 X 30
19	RE32361	HOSE CLAMP	2		
20	.....	HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE69088	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R134465	GASKET	1		
26	RE69486	ADAPTER	1		(MARKED R134446) (SUB RE500826, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1		13.300 X 2.200 MM
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110
35	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
36	RE71544	CAP SCREW	2		
37	R132350	SPACER	1		
38	R136495	GASKET	1		(SUB FOR R116297, THIS APPLICATION)
39	R114358	SPACER	1		
40	R134953	BRACKET	1		
41	19M7835	SCREW	2		M10 X 35
42	19M7784	SCREW	1		M10 X 20

2C5

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5203) (ENGINE SERIAL NO.717569-742889)

ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP50750 -UN-10MAR98



2C6

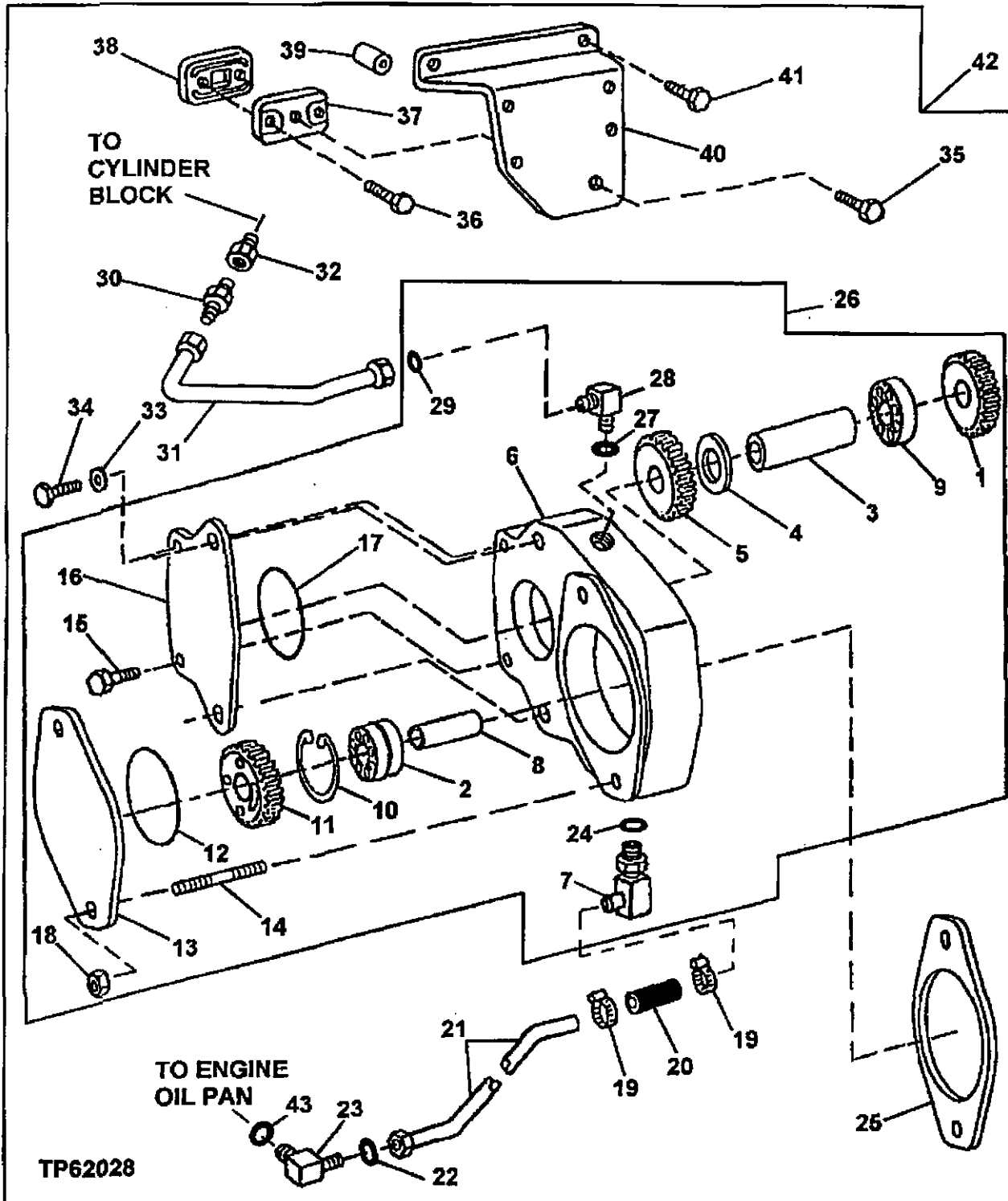
MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5203)
(ENGINE SERIAL NO.717569-742889)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4		SPACER	1		
5		GEAR	1		
6		HOUSING	1		
7	R136464	FITTING	1		
8		DRIVE SHAFT	1		
9		ROLLER BEARING	1		
10		RING	1		
11		GEAR	1		
12	T20758	O-RING	1		(WITHOUT ACCESSORIES)
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	42M7071	STUD	2		
15	19M7785	SCREW	2		M10 X 25
16		COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2		M12
19	M19356	CLAMP	2		(SUB FOR RE32361, THIS APPLICATION)
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		(SUB FOR RE69088)
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R134465	GASKET	1		(SUB FOR R123481)
26	RE500041	ADAPTER	1		(MARKED R134446) (SUB RE500826, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1		13.300 X 2.200 MM
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110
35	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
36	19M8291	SCREW	2		M8 X 35
37	R132350	SPACER	1		
38	R136495	GASKET	1		(SUB FOR R116297, THIS APPLICATION)
39	R114358	SPACER	1		
40	R134953	BRACKET	1		
41	19M7835	SCREW	2		M10 X 35
42	19M7784	SCREW	1		M10 X 20
43	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
44	RE500031	ADAPTER	1		(KIT) (SUB RE500885, RE46716, T77613, 38H5037, 38H5154 AND 51M7042)

2C7

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5203) (ENGINE SERIAL NO.742890-)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP62028 -UN-27JAN99



2C8

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

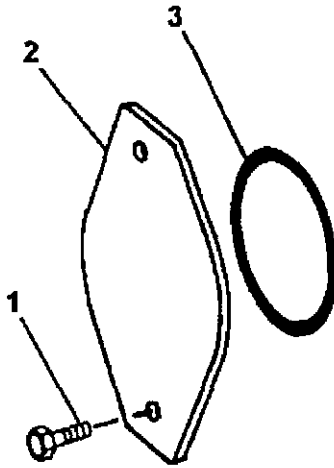
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5203)
(ENGINE SERIAL NO.742890-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4		SPACER	1		
5		GEAR	1		
6		HOUSING	1		
7	R136464	FITTING	1		
8		DRIVE SHAFT	1		
9		ROLLER BEARING	1		
10		SNAP RING	1		
11		GEAR	1		
12	T20758	O-RING	1		(WITHOUT ACCESSORIES)
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	42M7071	STUD	2		
15	19M7785	SCREW	2		M10 X 25
16		COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2		M12
19	M19356	CLAMP	2		
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R134465	GASKET	1		(SUB FOR R123481)
26	RE500826	ADAPTER	1		(MARKED R134446)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5015	ELBOW FITTING	1		
29	T77814	O-RING	1		0.301" X 0.070"
30	R110664	COUPLING	1		
31	RE500750	OIL LINE	1		
32	15H642	PIPE BUSHING	1		1/4"
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110
35	19M7784	SCREW	1		M10 X 20
36	RE71544	CAP SCREW	2		
37	R132350	SPACER	1		
38	R136495	GASKET	1		
39	R114358	SPACER	1		
40	R134953	BRACKET	1		
41	19M7835	SCREW	2		M10 X 35
42	RE500885	ADAPTER	1		(KIT)
43	51M7043	O-RING	1		

2C9

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

AUXILIARY DRIVE COVER
(WITHOUT AUXILIARY DRIVE ADAPTER)
(CODE 5204)
TP50752 -UN-10MAR98



TP50752

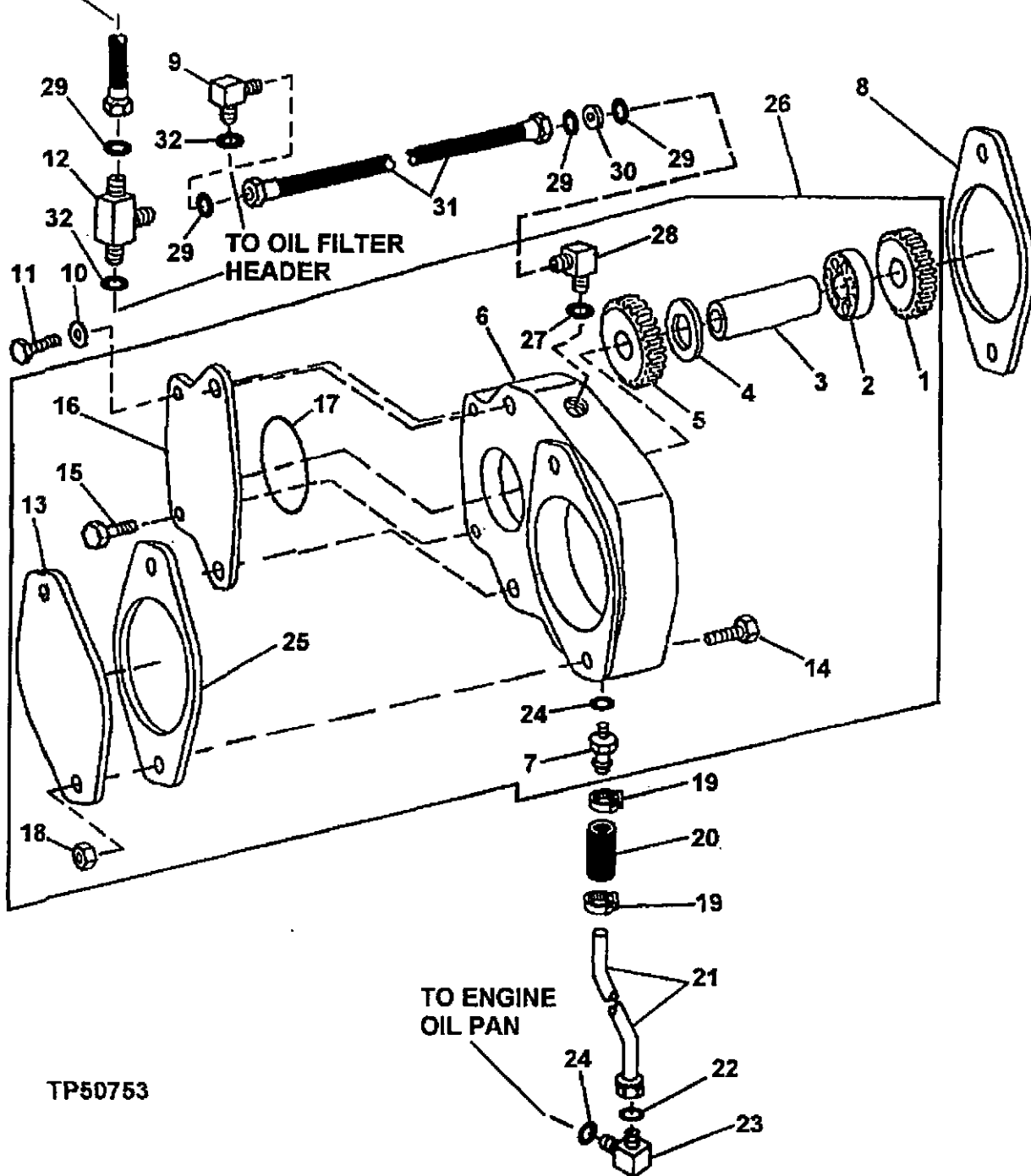
KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	19M7790	SCREW	2		
2	R135757	COVER	1		
3	T20758	O-RING	1		
					M12 X 35 (SUB FOR R123480) 4.237" X 0.103"

MEMORANDA

2C10

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5205) (ENGINE SERIAL NO. -XXXXXX)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELOPDRIVENHET
TP50753 -JUN-10MAR98

TO
TURBOCHARGER



TP50753

THIS PARTS LISTING IS CONTINUED

2C11

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5205)
(ENGINE SERIAL NO. -XXXXXX)

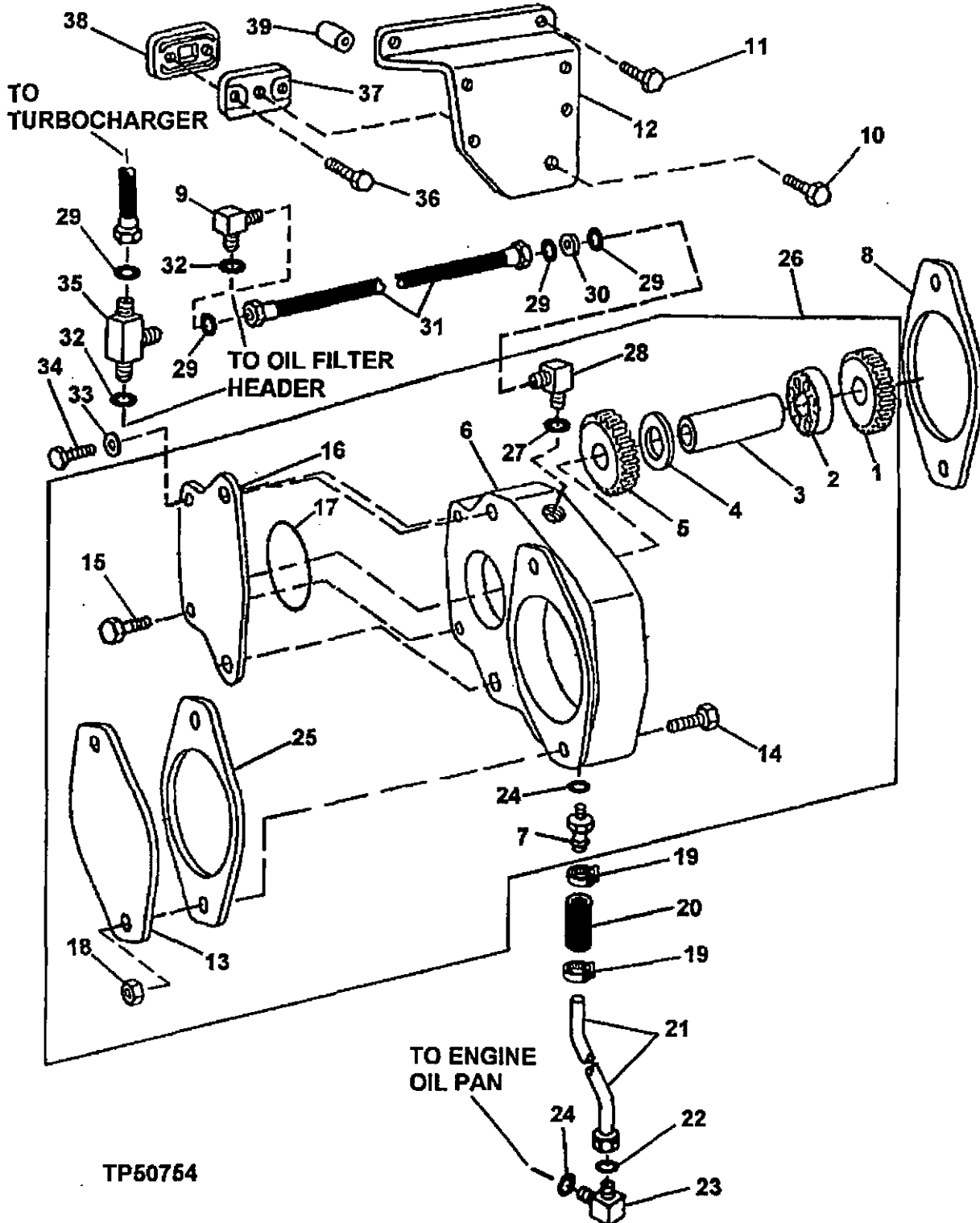
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	GEAR	1		
2	.....	ROLLER BEARING	1		
3	.....	DRIVE SHAFT	1		
4	.....	SPACER	1		
5	.....	GEAR	1		
6	.....	HOUSING	1		
7	L56883	HOSE FITTING	1		
8	R123481	GASKET	1		
9	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
10	24M7047	WASHER	2		13 X 24 X 2.500 MM
11	19M7908	CAP SCREW	2		M12 X 110
12	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	19M8790	SCREW	2		M12 X 55
15	19M7785	SCREW	2		M10 X 25
16	.....	COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2		M12
19	RE32361	HOSE CLAMP	2		
20	.....	HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE69088	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R134465	GASKET	1		(WITHOUT ACCESSORIES) (SUB FOR R123676)
26	RE60164	ADAPTER	1		(MARKED R123443) (SUB RE500827, L56883, T77613, 38H5022, 51M7040 AND 51M7045)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1		13.300 X 2.200 MM

2C12

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5205) (ENGINE SERIAL NO.XXXXXX-720811)

ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELOPDRIVENHET
TP50754 -JUN-10MAR98



TP50754

2C13

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41

GEARS, SHAFTS AND BEARINGS 4151

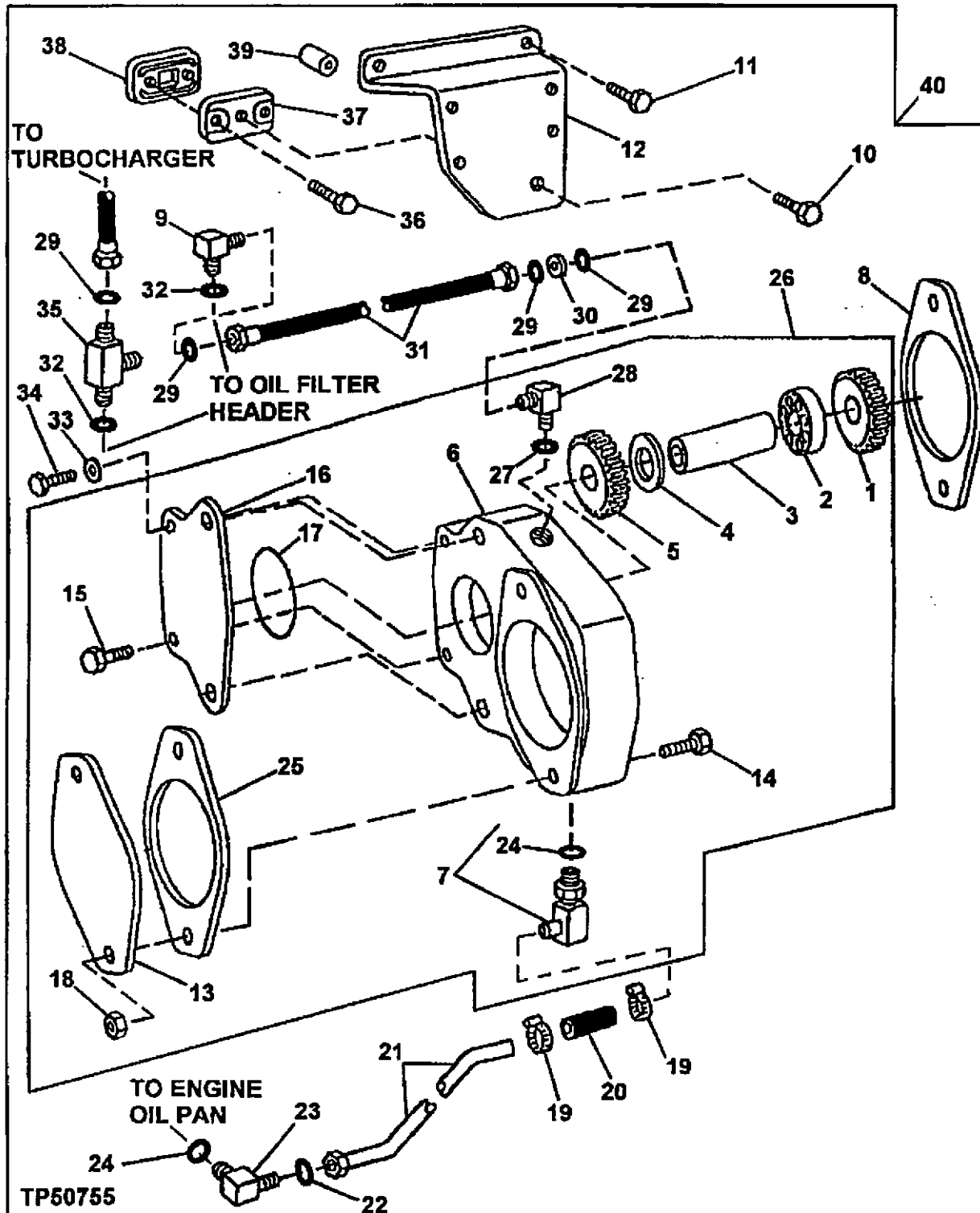
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5205)
(ENGINE SERIAL NO.XXXXXX-720811)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4		SPACER	1		
5		GEAR	1		
6		HOUSING	1		
7	L56883	HOSE FITTING	1		
8	R134465	GASKET	1		
9	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
10	19M7784	SCREW	2		M10 X 20
11	19M7835	SCREW	2		M10 X 35
12	R134953	BRACKET	1		
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	19M8790	SCREW	2		M12 X 55
15	19M7785	SCREW	2		M10 X 25
16		COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2		M12
19	RE32361	HOSE CLAMP	2		
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE69088	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R123676	GASKET	1		(WITHOUT ACCESSORIES)
26	RE69487	ADAPTER	1		(MARKED R134467) (SUB RE500827, L56883, T77613, 38H5022, 51M7040 AND 51M7045)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1		13.300 X 2.200 MM
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110
35	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
36	RE71544	CAP SCREW	2		
37	R132350	SPACER	1		
38	R136495	GASKET	1		(SUB FOR R116297, THIS APPLICATION)

2C14

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5205) (ENGINE SERIAL NO.720812-742889)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJAELPDRIVENHET
TP50755 -JUN-10MAR98



2C15

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

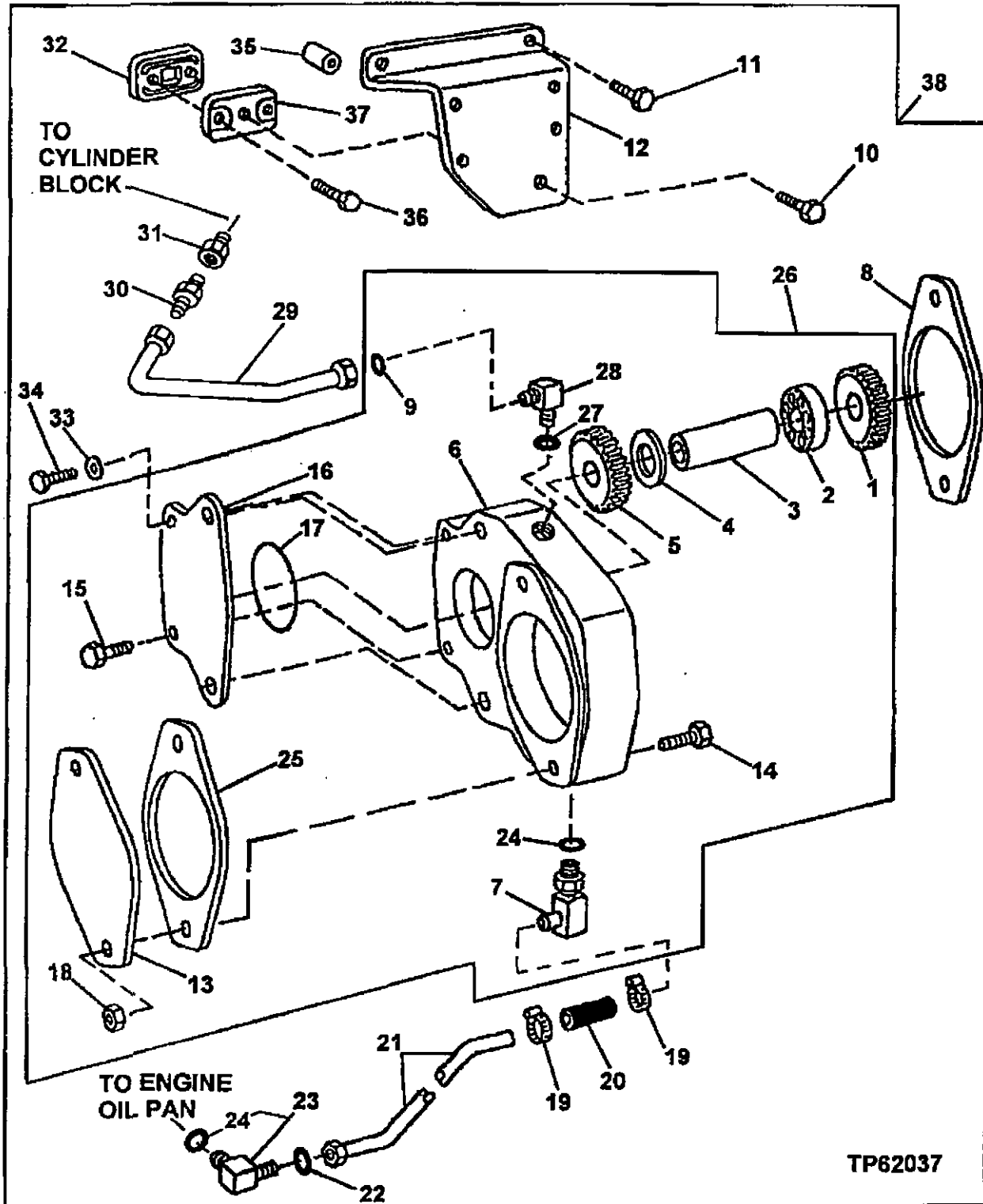
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5205)
(ENGINE SERIAL NO.720812-742889)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	GEAR	1		
2	.....	ROLLER BEARING	1		
3	.....	DRIVE SHAFT	1		
4	.....	SPACER	1		
5	.....	GEAR	1		
6	.....	HOUSING	1		
7	R136464	FITTING	1		
8	R134465	GASKET	1		
9	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
10	19M7784	SCREW	2		M10 X 20
11	19M7835	SCREW	2		M10 X 35
12	R134953	BRACKET	1		
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	19M8790	SCREW	2		M12 X 55
15	19M7785	SCREW	2		M10 X 25
16	.....	COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2		M12
19	M19356	CLAMP	2		
20	.....	HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R123676	GASKET	1		(WITHOUT ACCESSORIES)
26	RE500042	ADAPTER	1		(MARKED R134467) (SUB RE500827, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1		13.300 X 2.200 MM
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110
35	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
36	19M8291	SCREW	2		M8 X 35
37	R132350	SPACER	1		
38	R136495	GASKET	1		
39	R114358	SPACER	1		
40	RE500032	ADAPTER	1		(KIT) (SUB RE500886)

2C16

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5205) (ENGINE SERIAL NO.742890-)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP62037 -UN-14SEP99



2C17

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

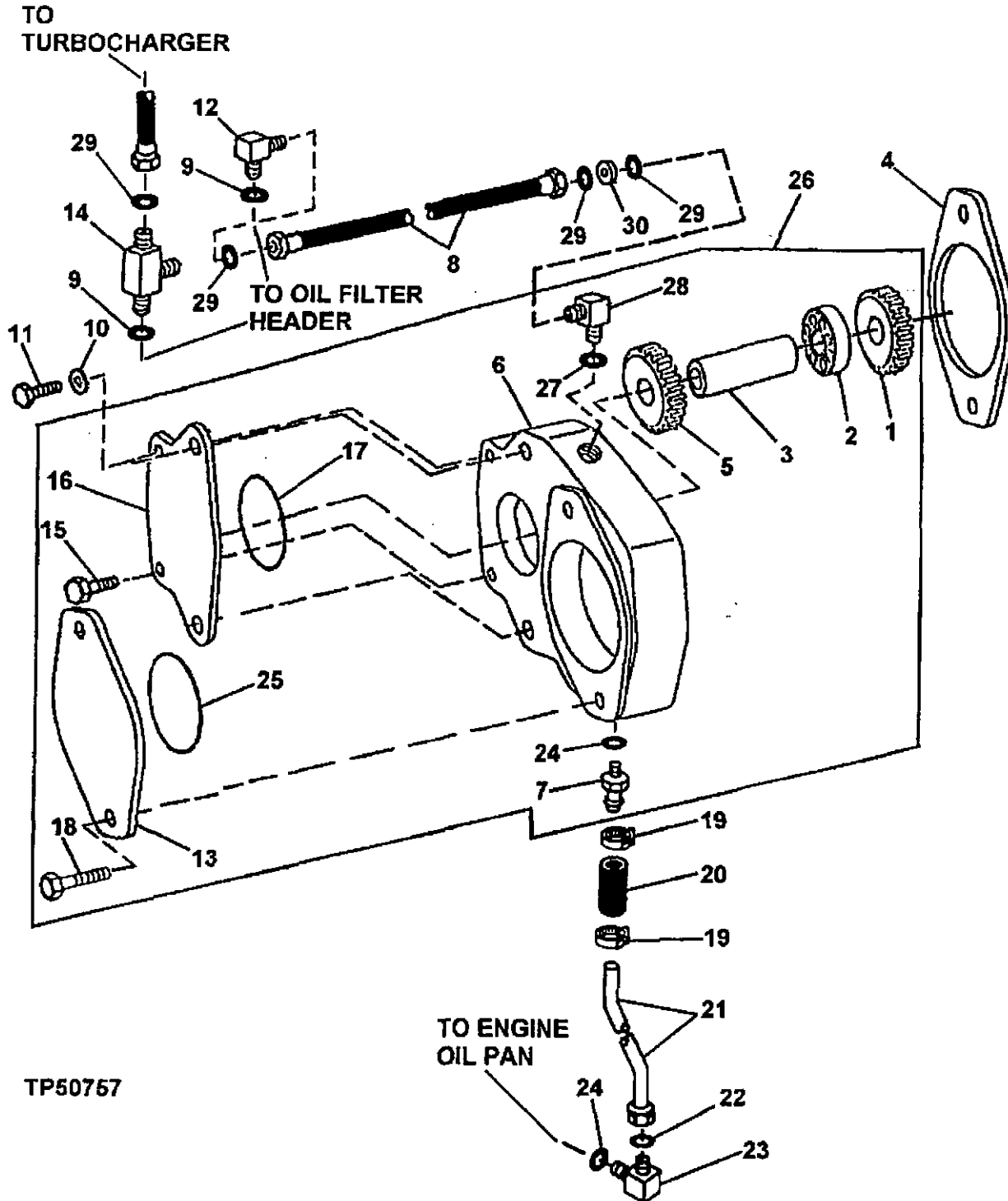
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5205)
(ENGINE SERIAL NO.742890-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4		SPACER	1		
5		GEAR	1		
6		HOUSING	1		
7	R136464	FITTING	1		
8	R134465	GASKET	1		
9	T77814	O-RING	1		
10	19M7784	SCREW	2	M10 X 20	
11	19M7835	SCREW	2	M10 X 35	
12	R134953	BRACKET	1		
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	19M8790	SCREW	2	M12 X 55	
15	19M7785	SCREW	2	M10 X 25	
16		COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2	M12	
19	M19356	CLAMP	2		
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2	19.300 X 2.200 MM	
25	R123676	GASKET	1		(WITHOUT ACCESSORIES)
26	RE500827	ADAPTER	1		(MARKED R134467)
27	51M7040	O-RING	1	9.300 X 2.200 MM	
28	38H5015	ELBOW FITTING	1		
29	RE500750	OIL LINE	1		
30	R110664	COUPLING	1		
31	15H642	PIPE BUSHING	1	1/4"	
32	R136495	GASKET	1		
33	24M7047	WASHER	2	13 X 24 X 2.500 MM	
34	19M7908	CAP SCREW	2	M12 X 110	
35	R114358	SPACER	1		
36	RE71544	CAP SCREW	2		
37	R132350	SPACER	1		
38	RE500886	ADAPTER	1		(KIT)

2C18

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5206) (ENGINE SERIAL NO. -XXXXXX)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP50757 -UN-10MAR98



2C19

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

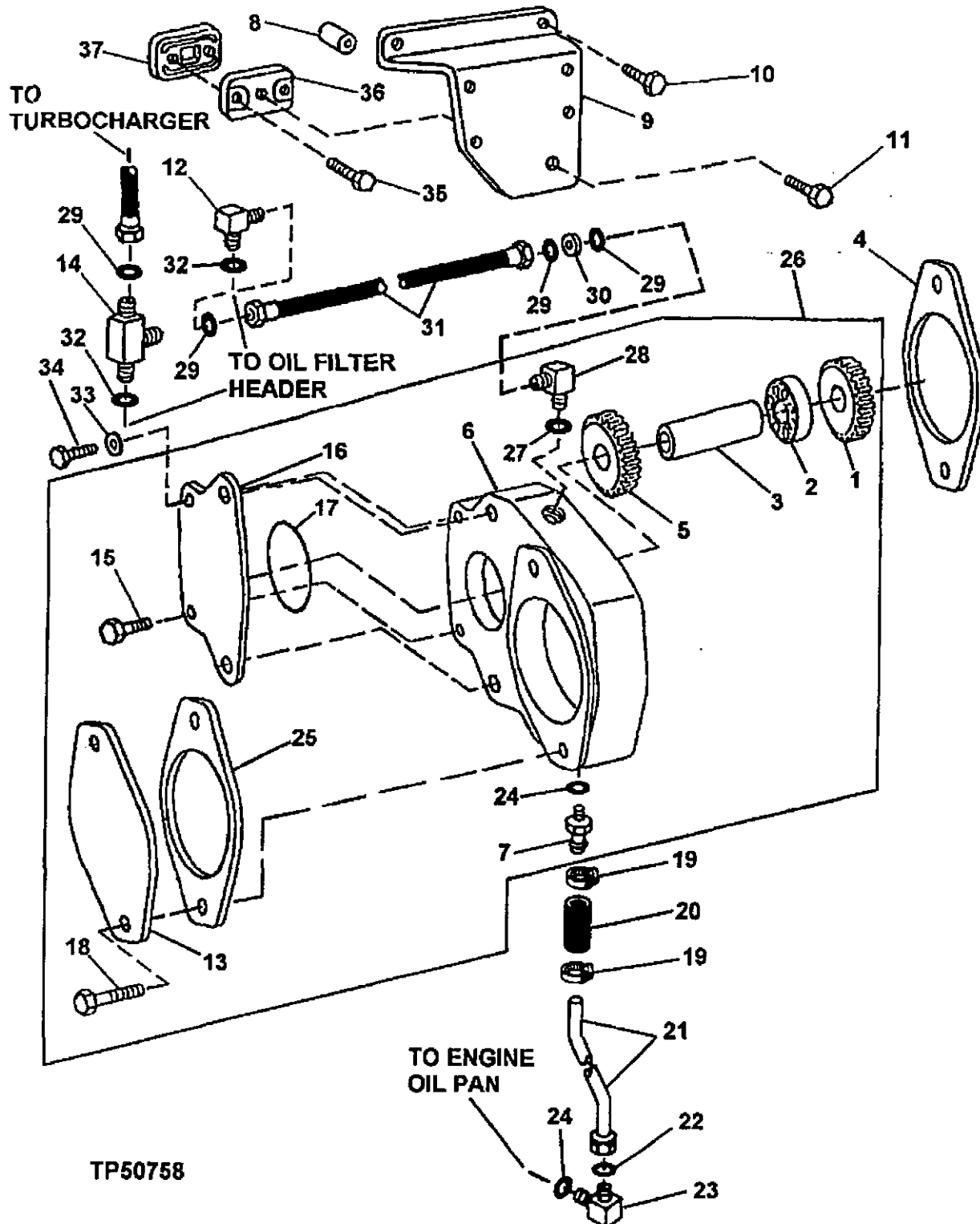
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5206)
(ENGINE SERIAL NO. -XXXXXX)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4	R123481	GASKET	1		
5		GEAR	1		
6		HOUSING	1		
7	L56883	HOSE FITTING	1		
8	RE60017	HYDRAULIC HOSE - FABRICATE	1		
9	51M7042	O-RING	1		13.300 X 2.200 MM
10	24M7047	WASHER	2		13 X 24 X 2.500 MM
11	19M7908	CAP SCREW	2		M12 X 110
12	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
13	R123480	COVER	1		(WITHOUT ACCESSORIES)
14	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
15	19M7785	SCREW	2		M10 X 25
16		COVER	1		
17	R112857	O-RING	1		
18	19M7789	SCREW	2		M12 X 30, (WITHOUT ACCESSORIES)
19	M19356	CLAMP	2		
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		
22	T77932	O-RING	1		0.614" X 0.070"
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	T20758	O-RING	1		(WITHOUT ACCESSORIES)
26	RE60165	ADAPTER	1		(MARKED R130393) (SUB RE500828, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1		9.300 X 2.200 MM
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3		0.364" X 0.070"
30	N275799	ORIFICE	1		

2C20

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5206) (ENGINE SERIAL NO.XXXXXX-720811)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP50758 UN-10MAR98



TP50758

2C21

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

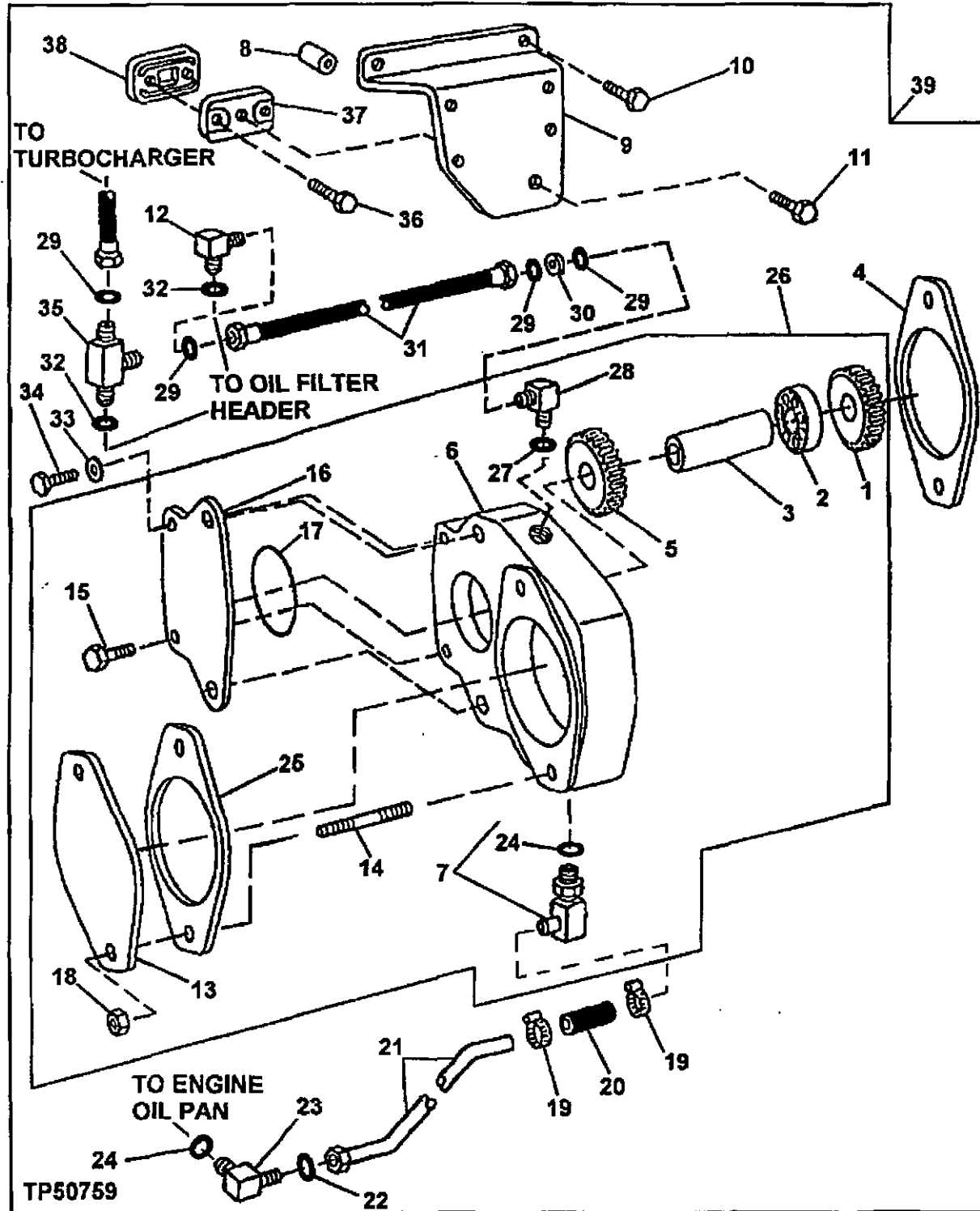
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5206)
(ENGINE SERIAL NO.XXXXXX-720811)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4	R134465	GASKET	1		
5		GEAR	1		
6		HOUSING	1		
7	L56883	HOSE FITTING	1		
8	R114358	SPACER	1		
9	19M7908	CAP SCREW	2	M12 X 110	
10	19M7784	SCREW	1	M10 X 20	
11	19M7835	SCREW	2	M10 X 35	
12	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
15	19M7785	SCREW	2	M10 X 25	
16		COVER	1		
17	R112857	O-RING	1		
18	19M7789	SCREW	2	M12 X 30, (WITHOUT ACCESSORIES)	
19	RE32361	HOSE CLAMP	2		
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE69088	OIL LINE	1		
22	T77932	O-RING	1	0.614" X 0.070"	
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2	19.300 X 2.200 MM	
25	R125670	GASKET	1		(WITHOUT ACCESSORIES)
26	RE70221	ADAPTER	1		(MARKED R130393) (SUB RE500828, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1	9.300 X 2.200 MM	
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3	0.364" X 0.070"	
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1	13.300 X 2.200 MM	
33	24M7047	WASHER	2	13 X 24 X 2.500 MM	
34	19M7908	CAP SCREW	2	M12 X 110	
35	19M8291	SCREW	2	M8 X 35	
36	R132350	SPACER	1		
37	R136495	GASKET	1		

2C22

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5206) (ENGINE SERIAL NO.720812-742889)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP50759 -UN-10MAR98



2C23

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

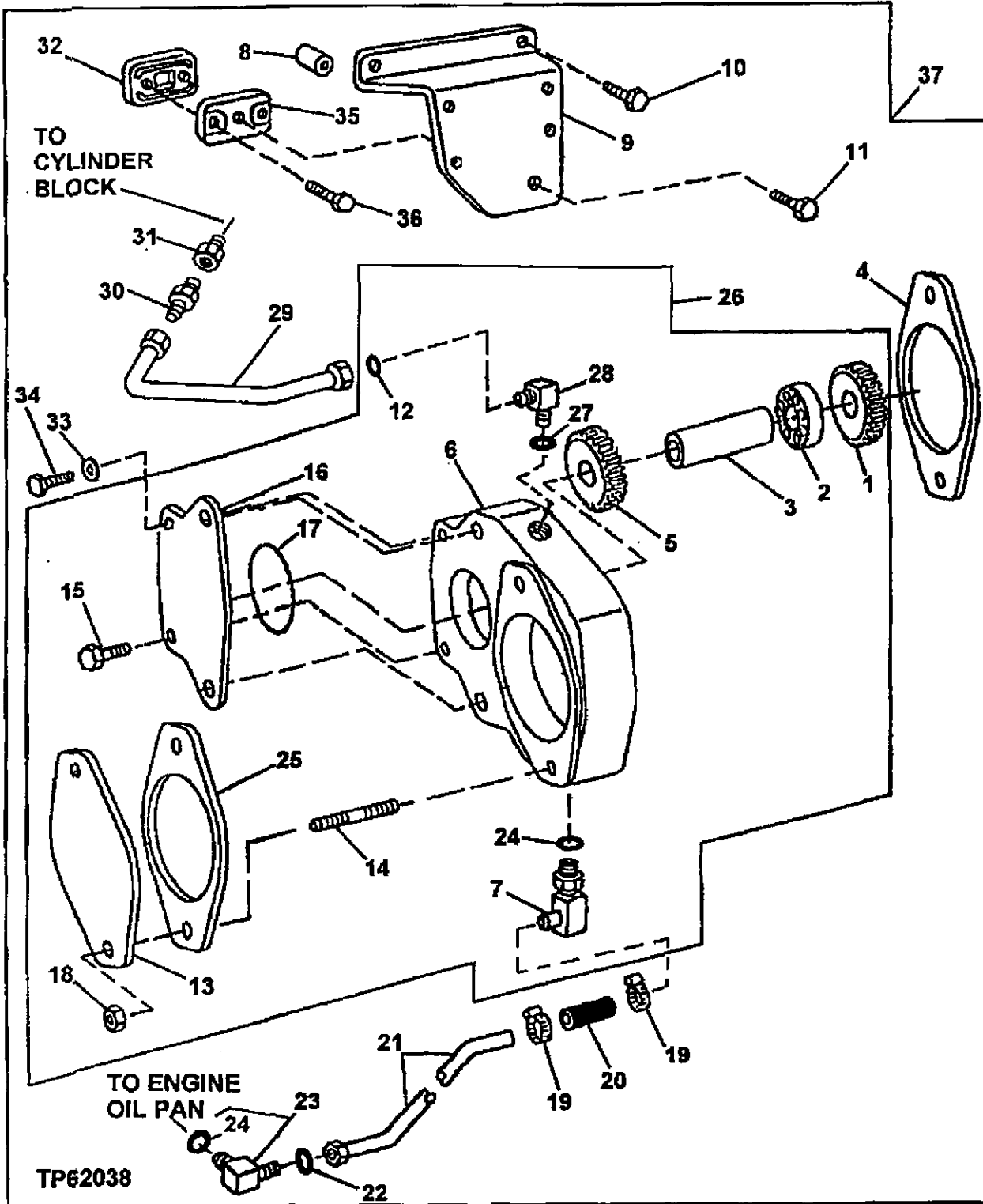
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5206)
(ENGINE SERIAL NO.720812-742889)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	GEAR	1		
2	.....	ROLLER BEARING	1		
3	.....	DRIVE SHAFT	1		
4	R134465	GASKET	1		
5	.....	GEAR	1		
6	.....	HOUSING	1		
7	R136464	FITTING	1		
8	R114358	SPACER	1		
9	R134953	BRACKET	1		
10	19M7835	SCREW	2	M10 X 35	
11	19M7784	SCREW	1	M10 X 20	
12	38H5035	ELBOW FITTING	1		(WITHOUT TURBOCHARGER) (WITH LOW MOUNT TURBOCHARGER)
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	42M7071	STUD	2		
15	19M7785	SCREW	2	M10 X 25	
16	.....	COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2	M12	
19	M19356	CLAMP	2		
20	.....	HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2	19.300 X 2.200 MM	
25	R125670	GASKET	1		(WITHOUT ACCESSORIES)
26	RE500043	ADAPTER	1		(MARKED R135245) (SUB RE500828, T77613, 38H5022 AND 51M7040)
27	51M7040	O-RING	1	9.300 X 2.200 MM	
28	38H5022	ELBOW FITTING	1		
29	T77613	O-RING	3	0.364" X 0.070"	
30	N275799	ORIFICE	1		
31	RE60017	HYDRAULIC HOSE - FABRICATE	1		
32	51M7042	O-RING	1	13.300 X 2.200 MM	
33	24M7047	WASHER	2	13 X 24 X 2.500 MM	
34	19M7908	CAP SCREW	2	M12 X 110	
35	38H5165	TEE FITTING	1		(WITH HIGH MOUNT TURBOCHARGER)
36	19M8291	SCREW	2	M8 X 35	
37	R132350	SPACER	1		
38	R136495	GASKET	1		
39	RE500887	ADAPTER	1		(KIT) (SUB FOR RE500033)

2C24

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5206) (ENGINE SERIAL NO.742890-)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP62038 -UN-27 JAN99



2C25

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

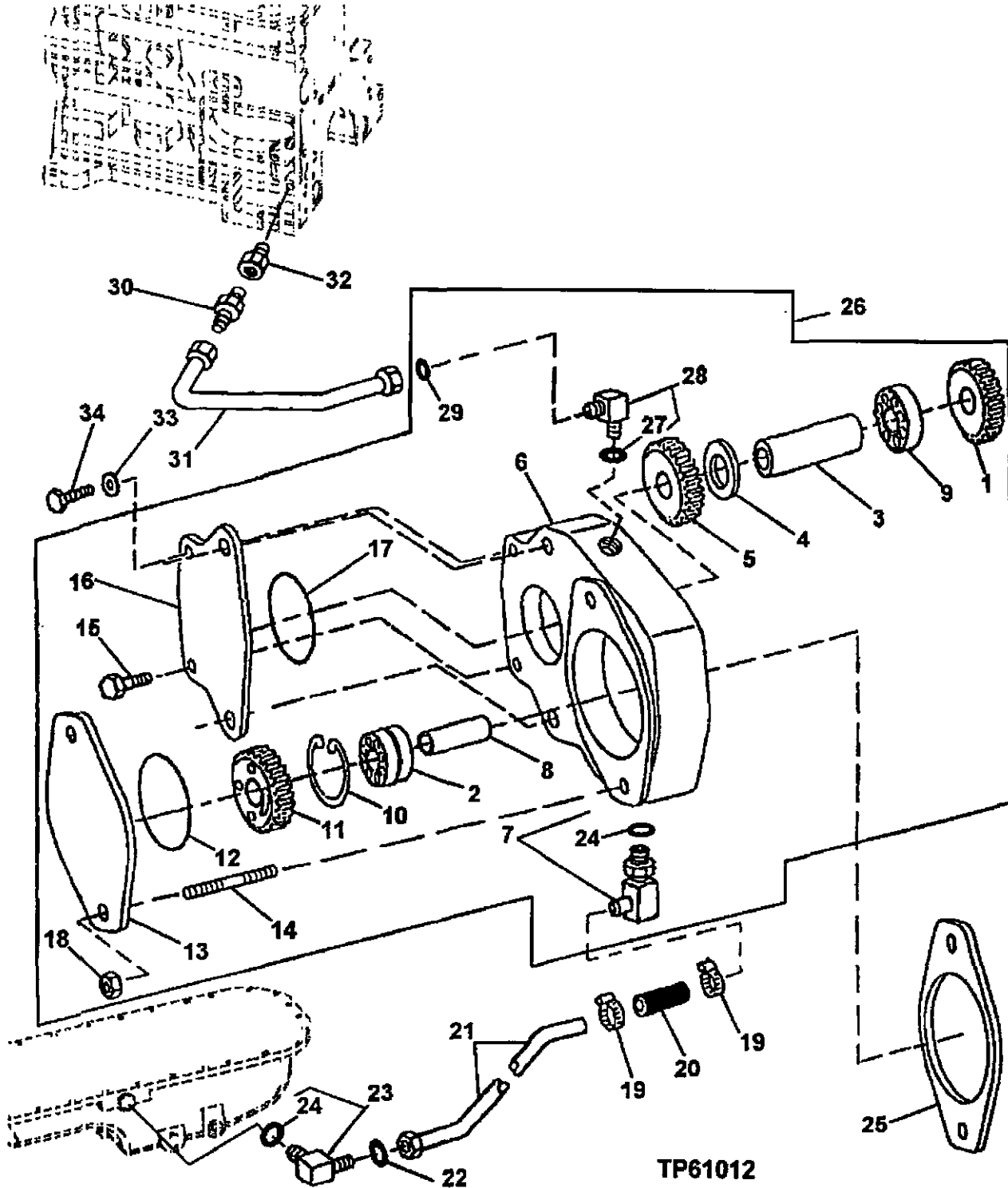
OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5206)
(ENGINE SERIAL NO.742890-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1		GEAR	1		
2		ROLLER BEARING	1		
3		DRIVE SHAFT	1		
4	R134465	GASKET	1		
5		GEAR	1		
6		HOUSING	1		
7	R136464	FITTING	1		
8	R114358	SPACER	1		
9	R134953	BRACKET	1		
10	19M7835	SCREW	2	M10 X 35	
11	19M7784	SCREW	1	M10 X 20	
12	T77814	O-RING	1		
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	42M7071	STUD	2		
15	19M7785	SCREW	2	M10 X 25	
16		COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2	M12	
19	M19356	CLAMP	2		
20		HOSE	1		(MAKE FROM T60811, CUT TO LENGTH)
21	RE70718	OIL LINE	1		
22	T77932	O-RING	1		
23	38H5018	ELBOW FITTING	1		
24	51M7045	O-RING	2	19.300 X 2.200 MM	
25	R125670	GASKET	1		(WITHOUT ACCESSORIES)
26	RE500828	ADAPTER	1		(MARKED R135245)
27	51M7040	O-RING	1	9.300 X 2.200 MM	
28	38H5015	ELBOW FITTING	1		
29	RE500750	OIL LINE	1		
30	R110664	COUPLING	1		
31	15H642	PIPE BUSHING	1	1/4"	
32	R136495	GASKET	1		
33	24M7047	WASHER	2	13 X 24 X 2.500 MM	
34	19M7908	CAP SCREW	2	M12 X 110	
35	R132350	SPACER	1		
36	RE71544	CAP SCREW	2		
37	RE500887	ADAPTER	1		(KIT)

2D1

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER (CODE 5215)
ENTRAIN. AUXIL. LATERAL
NEBENANTRIEB
COMMANDO AUSL. INGRA.
MANDO AUXIL. IMPULSADO
HJALPDRIVENHET
TP61012 -UN-03JUN99



TP61012

2D2

MISCELLANEOUS FUNCTION MECHANICAL DRIVE 41
GEARS, SHAFTS AND BEARINGS 4151

OFFSET AUXILIARY DRIVE GEAR ADAPTER
(CODE 5215)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	GEAR	1		
2	.....	ROLLER BEARING	1		
3	.....	DRIVE SHAFT	1		
4	.....	SPACER	1		
5	.....	GEAR	1		
6	.....	HOUSING	1		
7	R136464	FITTING	1		
8	.....	DRIVE SHAFT	1		
9	.....	ROLLER BEARING	1		
10	.....	SNAP RING	1		
11	.....	GEAR	1		
12	T20758	O-RING	1		(WITHOUT ACCESSORIES)
13	R135757	COVER	1		(WITHOUT ACCESSORIES)
14	42M7071	STUD	2		
15	19M7785	SCREW	2		M10 X 25
16	.....	COVER	1		
17	R112857	O-RING	1		
18	14M7299	FLANGE NUT	2		M12
19	M19356	CLAMP	2		
20	.....	HOSE	1		(MAKE FROM T60811 OR R83063)
21	RE70718	OIL LINE	1		
23	38R5018	ELBOW FITTING	1		
24	51M7045	O-RING	2		19.300 X 2.200 MM
25	R134465	GASKET	1		
26	RE500826	ADAPTER	1		(MARKED R134446)
27	51M7040	O-RING	1		
28	38H5015	ELBOW FITTING	1		
29	T77814	O-RING	1		0.301" X 0.070"
30	R110664	COUPLING	1		
31	RE500750	OIL LINE	1		
32	15H642	PIPE BUSHING	1		1/4"
33	24M7047	WASHER	2		13 X 24 X 2.500 MM
34	19M7908	CAP SCREW	2		M12 X 110

MEMORANDA

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