

4239D and 4239T OEM Engines and Accessories



PARTS CATALOG

**John Deere Saran
PC-3153
R68462**

LITHO IN U.S.A. (REVISED)

INTRODUCTION AND CUSTOMER INFORMATION

ACCESSORY CODE PLATE
(WITHOUT TURBOCHARGER)
(4239D)

T35527

ACCESSORY CODE PLATE

JOHN DEERE	
CONTROL:	XXXXXXXXXXXXXXX
BASIC ENGINE	XXXX
OPTION CODES	
XXXX XXXX XXXX XXXX XXXX XXXX	
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T35527
TO ASSIST YOUR JOHN DEERE DEALER IN GIVING YOU PROMPT AND EFFICIENT SERVICE, AN OPTION CODE DECAL IS LOCATED ON THE ROCKER ARM COVER. THIS DECAL WILL IDENTIFY PARTS THAT ARE UNIQUE TO THE ORIGINAL EQUIPMENT MANUFACTURER'S APPLICATION BY OPTION CODES.

BASIC ENGINE CODE: 1250F**OPTION
CODE****DESCRIPTION**

1101	ROCKER ARM COVER, CENTER FILLER
1102	ROCKER ARM COVER, NO FILLER
*1200	OIL FILLER COVER
1201	OIL FILLER INLET, MEDIUM LENGTH
1202	OIL FILLER INLET, LONG LENGTH
1203	OIL FILLER INLET, SHORT LENGTH
1301	CRANKSHAFT PULLEY, SINGLE GROOVE
1403	FLYWHEEL HOUSING, SAE NO. 3
1404	FLYWHEEL HOUSING, SAE NO. 4
1405	FLYWHEEL HOUSING, SAE NO. 2
1410	FLYWHEEL HOUSING, TORQUE CONVERTOR
*1500	NO FLYWHEEL
1501	FLYWHEEL, OVERCENTER CLUTCH, FOR 254 MM (10")
1502	FLYWHEEL, SPRING LOADED CLUTCH
1503	FLYWHEEL, FOR DAMPER SYSTEM
1505	FLYWHEEL, OVERCENTER CLUTCH, FOR 292 MM (11.5")
1518	FLYWHEEL, FOR TORQUE CONVERTOR
1602	INJECTION SYSTEM, REGULAR GOVERNOR
1603	INJECTION SYSTEM, 3° - 5° GOVERNOR
1700	NO AIR INLET
1703	AIR INLET
1709	AIR INTAKE, REAR INLET
*1800	NO AIR CLEANER
1902	OIL PAN, REAR DRAIN
1903	OIL PAN, BOTTOM DRAIN
2004	WATER PUMP, STANDARD POSITION
2005	WATER PUMP, HIGH POSITION
2101	THERMOSTAT COVER, HORIZONTAL
2102	THERMOSTAT COVER, VERTICAL

BASIC ENGINE CODE: 1250F-CONTINUED

OPTION CODE	DESCRIPTION
2204	THERMOSTAT, 180°F (83°C)
*2400	NO FAN BELTS
2401	FAN BELT, STANDARD POSITION
2402	FAN BELT, HIGH POSITION
*2500	NO FAN
2501	BLOWER FAN
2502	SUCTION FAN
*2700	NO RADIATOR
2802	EXHAUST MANIFOLD, REAR VERTICAL
2803	EXHAUST MANIFOLD, FRONT VERTICAL
*2900	NO VENTILATING SYSTEM
2901	VENT TUBE, RIGHT-HAND
2902	VENT SYSTEM, FLEXIBLE
2903	VENT TUBE, LEFT-HAND
*3000	NO STARTING MOTOR
3001	STARTING MOTOR, SAE NO. 4 FLYWHEEL HOUSING
3002	STARTING MOTOR
3003	STARTING MOTOR, FOR WET CLUTCH
*3100	NO ALTERNATOR
3101	ELECTRICAL SYSTEM, 35 AMPERE (35A)
3102	ELECTRICAL SYSTEM, 55 AMPERE (55A)
3104	ELECTRICAL SYSTEM, 30 AMPERE (30A)
*3200	NO INSTRUMENT PANEL
*3300	NO TACHOMETER
3400	NO RADIATOR
*3800	NO MANUALS
3801	MANUALS, OPERATOR AND PARTS
3802	MANUALS, OPERATOR AND PARTS (FRENCH)
*5300	NO ENCLOSURE
5502	ENGINE STAND
5503	ENGINE STAND
5504	ENGINE STAND
5507	ENGINE STAND
5510	ENGINE STAND
5511	ENGINE STAND
5800	NO PTO
5902	ENGINE OIL COOLER, STANDARD POSITION WATER PUMP
5904	ENGINE OIL COOLER, HIGH POSITION WATER PUMP
6000	NO OIL SIGHT GLASS
6100	NO MUFFLER
6101	MUFFLER WITH COVER

***NOTE:** ACCESSORIES NOT SOLD BY JOHN DEERE WILL BE INDICATED ON THE CODE PLATE WITH THE DESCRIPTION "00" AS THE LAST TWO DIGITS OF THE OPTION CODE. THE ORIGINAL EQUIPMENT MANUFACTURER WILL BE RESPONSIBLE FOR WARRANTY SERVICE ON THIS CATEGORY OF ACCESSORY.

INTRODUCTION AND CUSTOMER INFORMATION

ACCESSORY CODE PLATE
(WITH TURBOCHARGER)
(4239T)

T35527

ACCESSORY CODE PLATE

JOHN DEERE	
CONTROL:	XXXXXXXXXXXXXX
BASIC ENGINE	XXXX
OPTION CODES	
XXXX	XXXX XXXX XXXX XXXX XXXX
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XXXX	XXXX XXXX XXXX XXXX XXXX
XXXX	XXXX XXXX XXXX XXXX XXXX
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TO ASSIST YOUR JOHN DEERE DEALER IN GIVING YOU PROMPT AND EFFICIENT SERVICE, AN OPTION CODE DECAL IS LOCATED ON THE ROCKER ARM COVER. THIS DECAL WILL IDENTIFY PARTS THAT ARE UNIQUE TO THE ORIGINAL EQUIPMENT MANUFACTURER'S APPLICATION BY OPTION CODES.

BASIC ENGINE CODE: 1260F

<i>OPTION CODE</i>	<i>DESCRIPTION</i>
1102	ROCKER ARM COVER, NO FILLER
1104	ROCKER ARM COVER, FRONT FILL
*1200	OIL FILLER COVER
1201	OIL FILLER INLET, MEDIUM LENGTH
1202	OIL FILLER INLET, LONG LENGTH
1203	OIL FILLER INLET, SHORT LENGTH
1301	CRANKSHAFT PULLEY, SINGLE GROOVE
1302	CRANKSHAFT PULLEY, TWO GROOVE
1403	FLYWHEEL HOUSING, SAE NO. 3
1404	FLYWHEEL HOUSING, SAE NO. 4
1405	FLYWHEEL HOUSING, SAE NO. 2
1410	FLYWHEEL HOUSING, TORQUE CONVERTOR
*1500	NO FLYWHEEL
1501	FLYWHEEL, ENGINE, OVERCENTER CLUTCH, 254 MM (10")
1502	FLYWHEEL, SPRING LOADER CLUTCH
1503	FLYWHEEL, FOR DAMPER SYSTEM
1505	FLYWHEEL, OVERCENTER CLUTCH, FOR 292 MM (11.5")
1518	FLYWHEEL, TORQUE CONVERTOR
1602	INJECTION SYSTEM, REGULAR GOVERNOR
1603	INJECTION SYSTEM, 3° - 5° GOVERNOR
1609	INJECTION SYSTEM, REGULAR GOVERNOR WITH ELECTRIC SHUT-OFF
*1800	NO AIR CLEANER
1904	OIL PAN, BOTTOM DRAIN
2004	WATER PUMP
2102	THERMOSTAT COVER
2204	THERMOSTAT, 180°F (83°C)
*2400	NO FAN BELTS
2401	FAN BELT, DUAL, STANDARD POSITION

BASIC ENGINE CODE: 1260F-CONTINUED

OPTION CODE	DESCRIPTION
*2500	NO FAN
2501	BLOWER FAN
2502	SUCTION FAN
*2700	NO RADIATOR
*2900	NO VENTILATING SYSTEM
2901	VENT TUBE, RIGHT-HAND
2902	VENT SYSTEM, FLEXIBLE
2903	VENT TUBE, LEFT-HAND
*3000	NO STARTING MOTOR
3001	STARTING MOTOR, SAE NO. 4 FLYWHEEL HOUSING
3002	STARTING MOTOR
3003	STARTING MOTOR, FOR WET CLUTCH
*3100	NO ALTERNATOR
3102	ELECTRICAL SYSTEM, 55 AMPERE (55A)
3103	ELECTRICAL SYSTEM, 72 AMPERE (72A)
3104	ELECTRICAL SYSTEM, 30 AMPERE (30A)
3105	ELECTRICAL SYSTEM, 61 AMPERE (61A)
*3200	NO INSTRUMENT PANEL
*3300	NO TACHOMETER
3400	NO RADIATOR
*3800	NO MANUALS
3801	MANUALS, OPERATOR AND PARTS
3802	MANUALS, OPERATOR AND PARTS (FRENCH)
*5300	NO ENCLOSURE
5502	ENGINE STAND
5503	ENGINE STAND
5504	ENGINE STAND
5507	ENGINE STAND
5510	ENGINE STAND
5511	ENGINE STAND
5800	NO PTO
5906	ENGINE OIL COOLER, STANDARD POSITION WATER PUMP
6000	NO OIL SIGHT GLASS
6100	NO MUFFLER
6101	MUFFLER WITH COVER

**NOTE: ACCESSORIES NOT SOLD BY JOHN DEERE WILL BE INDICATED ON THE CODE PLATE WITH THE DESCRIPTION "00" AS THE LAST TWO DIGITS OF THE OPTION CODE. THE ORIGINAL EQUIPMENT MANUFACTURER WILL BE RESPONSIBLE FOR WARRANTY SERVICE ON THIS CATEGORY OF ACCESSORY.*

*NOTE: ACCESSORIES NOT SOLD BY JOHN DEERE WILL BE INDICATED ON THE CODE PLATE WITH THE DESIGNATION "OO." THE ORIGINAL EQUIPMENT MANUFACTURER WILL BE RESPONSIBLE FOR WARRANTY SERVICE ON THIS CATEGORY OF ACCESSORY.

OPTION CODES

YOUR ENGINE IS EQUIPPED WITH OPTIONAL EQUIPMENT. EACH OPTION IS CATALOGED UNDER AN OPTION CODE NUMBER WHICH IS LISTED AT THE TOP OF THE PAGE BETWEEN THE PAGE HEADING AND THE EXPLODED VIEW. PARTS USED WITH ALL CODES ARE LISTED AS PARTS COMMON (SEE EXAMPLE, KEY 1). PARTS THAT ARE ONLY USED WITH A SPECIFIC CODE (SEE EXAMPLE, CODE 2901; 2,3,4 AND 5) HAVE BEEN LISTED SEPARATELY UNDER THE HEADING "ADDITIONAL PARTS FOR CODE 2901." PARTS THAT ARE USED ONLY WITH CODE 2902 (SEE EXAMPLE; KEYS 6,7 AND 8) HAVE BEEN LISTED SEPARATELY UNDER THE HEADING "ADDITIONAL PARTS FOR CODE 2902."

EXAMPLE

KEY	PART NO.	SERIAL NO.	DESCRIPTION
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PARTS COMMON TO CODE 2901, 2902, AND 2903

1	R495R	(-)	O-RING
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ADDITIONAL PARTS USED WITH CODE 2901

2	T28207	(-)	TUBE, VENT
2	19H1813	(-)	SCREW, CAP, 5/16" X 5/8"
4	24H1685	(-)	WASHER, 11/32" X 3/4" X .075"
5	R40791	(-)	CLAMP

ADDITIONAL PARTS USED WITH CODE 2902

6	AT25192	(-)	ELBOW, 90°
7	AR21837	(-)	CLAMP
8	H36031	(-)	HOSE, 3/4" X 36" (19 MM X 914 MM)

ADDITIONAL PARTS USED WITH CODE 2903

3	19H1813	(-)	SCREW, CAP, 5/16" X 5/8"
4	24H1685	(-)	WASHER, 11/32" X 3/4" X .075"
5	R40791	(-)	CLAMP
9	T20074	(-)	TUBE, VENT

TO THE CUSTOMER

THE PART NUMBERS IN THIS PARTS CATALOG WERE CORRECT AT THE TIME YOUR MACHINE WAS MANUFACTURED. IT IS OUR POLICY TO CONSTANTLY IMPROVE OUR MACHINES AND, THEREFORE, PART NUMBERS MAY CHANGE. WHEN ORDERING PARTS, VERIFY PART NUMBERS THROUGH YOUR DEALER'S CATALOG WHICH IS UP-TO-DATE.

(SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE.)

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.

SECTION INDEX

GENERAL INFORMATION	5
ENGINE	10
ENGINE ACCESSORIES	15
COOLING SYSTEM	20
FUEL SYSTEM	25
FUEL INJECTION PUMP	30
ELECTRICAL SYSTEM	85
NUMERICAL INDEX	95

MEMORANDA

ALPHABETICAL INDEX

GRID		PAGE	GRID		PAGE
A					
E20	ADVANCE GROUP, FUEL INJECTION PUMP	30-37	A24	CYLINDER LINER (4239D)	10-8
F3	ADVANCE GROUP, FUEL INJECTION PUMP	30-46	A24	CYLINDER LINER O-RINGS (4239D)	10-8
F13	ADVANCE GROUP, FUEL INJECTION PUMP	30-56	D		
C8	AIR INLET (4239D)	15-5			
C9	AIR INLET (4239T)	15-6	A23	DIPSTICK	10-6
F22	ALTERNATOR	85-2	E14	DRIVE GROUP, FUEL INJECTION PUMP	30-31
G4	ALTERNATOR	85-6B	D22	DRIVE, FUEL INJECTION PUMP	30-2
G5	ALTERNATOR	85-7A	E6	DRIVE, FUEL INJECTION PUMP	30-11
F25	ALTERNATOR (35A)	85-4	E24	DRIVE, FUEL INJECTION PUMP	30-42
F21	ALTERNATOR (4239D)	85-1	F9	DRIVE, FUEL INJECTION PUMP	30-52
F24	ALTERNATOR (4239T)	85-3B	G21	DRIVE, FUEL INJECTION PUMP	85-21
G3	ALTERNATOR (4239T)	85-6A	G17	DRIVE, STARTING MOTOR	85-16
G1	ALTERNATOR (55A)	85-5	E		
G2	ALTERNATOR (55A)	85-6			
G18	ARMATURE, STARTING MOTOR	85-17	C4	ELBOW, EXHAUST (4239T)	15-3
E2	AUTOMATIC ADVANCE, FUEL INJECTION PUMP	30-7	B1	ENGINE BALANCER SHAFT	10-10
E11	AUTOMATIC ADVANCE, FUEL INJECTION PUMP	30-16	B15	ENGINE FLYWHEEL	10-21
H2	AUTOMATIC ADVANCE, FUEL INJECTION PUMP	85-27	A20	ENGINE FRONT PLATE	10-3
B			B4	ENGINE LIFT STRAP	10-12
B1	BALANCER SHAFT, ENGINE	10-10	B5	ENGINE LIFT STRAP (4239T)	10-13
B3	BEARING, MAIN	10-11	C10	ENGINE MOUNTS	15-7
B3	BEARING, MAIN THRUST	10-11	A15	ENGINE OIL	10-1
C22	BELT, FAN (4239D)	20-7	B13	ENGINE OIL COOLER (4239D)	10-20A
C24	BELT, FAN (4239T)	20-9	B14	ENGINE OIL COOLER (4239T)	10-20B
C22	BLADE, FAN (4239D)	20-7	A23	ENGINE OIL DIPSTICK	10-6
C23	BLADE, FAN (4239T)	20-8	B21	ENGINE OIL FILLER INLET	10-27
A17	BLOCK, CYLINDER	10-2A	A23	ENGINE OIL FILTER	10-6
A19	BLOCK, SHORT	10-2C	B10	ENGINE OIL PUMP (4239D)	10-18
A24	BUSHING, CONNECTING ROD (4239D)	10-8	B11	ENGINE OIL PUMP (4239T)	10-19
A25	BUSHING, CONNECTING ROD (4239T)	10-9	B25	ENGINE OVERHAUL GASKET SET	10-31
C			B23	ENGINE TUNE-UP GASKET SET	10-29
B9	CAMSHAFT	10-17	B17	ENGINE VENTILATING SYSTEM	10-23
B21	CAP, OIL FILLER	10-27	C4	EXHAUST ELBOW (4239T)	15-3
B18	CAP, OIL FILLER (4239D)	10-24	C3	EXHAUST MANIFOLD (4239D)	15-2
B19	CAP, OIL FILLER (4239T)	10-25	B9	EXHAUST VALVE	10-17
C7	CENTER HOUSING, TURBOCHARGER	15-4B	F		
G18	COIL, STARTING MOTOR	85-17	C22	FAN BELT (4239D)	20-7
C1	CONDITIONER, SUMMER COOLANT	10-32	C24	FAN BELT (4239T)	20-9
A24	CONNECTING ROD (4239D)	10-8	C22	FAN BLADE (4239D)	20-7
A25	CONNECTING ROD (4239T)	10-9	C23	FAN BLADE (4239T)	20-8
C1	COOLANT CONDITIONER	10-32	C16	FAN PULLEY (HIGH POSITION)	20-1
B13	COOLER, ENGINE OIL (4239D)	10-20A	C17	FAN PULLEY (4239D)	20-2
B14	COOLER, ENGINE OIL (4239T)	10-20B	C18	FAN PULLEY (4239T)	20-3
G12	COVER KIT, STARTER SOLENOID SWITCH	85-12B	B21	FILLER INLET, OIL	10-27
G25	COVER, FUEL INJECTION PUMP	85-25	A23	FILTER, ENGINE OIL	10-6
B20	COVER, INJECTION PUMP GEAR	10-26	D5	FILTERS, FUEL (4239D)	25-4
C11	COVER, MUFFLER	15-8	D6	FILTERS, FUEL (4239T)	25-5
B22	COVER, OIL FILLER INLET	10-28	B16	FLYWHEEL	10-22
B10	COVER, OIL PUMP (4239D)	10-18	C13	FLYWHEEL HOUSING	15-10
B18	COVER, ROCKER ARM (4239D)	10-24	C14	FLYWHEEL HOUSING	15-11
B19	COVER, ROCKER ARM (4239T)	10-25	B15	FLYWHEEL RING GEAR	10-21
C20	COVER, THERMOSTAT HOUSING (4239D)	20-5	B15	FLYWHEEL, ENGINE	10-21
C21	COVER, THERMOSTAT HOUSING (4239T)	20-6	A20	FRONT PLATE, ENGINE	10-3
B20	COVER, TIMING GEAR	10-26	D5	FUEL FILTER (4239D)	25-4
B6	CRANKSHAFT (4239D)	10-14	D6	FUEL FILTER (4239T)	25-5
B7	CRANKSHAFT (4239T)	10-15	D12	FUEL INJECTION LINES	25-11
A17	CYLINDER BLOCK	10-2A	D18	FUEL INJECTION NOZZLE	25-17
B4	CYLINDER HEAD	10-12	D12	FUEL INJECTION PUMP	25-11
B5	CYLINDER HEAD (4239T)	10-13	D8	FUEL INJECTION PUMP (4239D)	25-7
			D10	FUEL INJECTION PUMP (4239D)	25-9

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE	GRID		PAGE
D14	FUEL INJECTION PUMP (4239T)	25-13		G	
D16	FUEL INJECTION PUMP (4239T)	25-15			
F20	FUEL INJECTION PUMP ADVANCE GROUP	30-37	E4	GASKET KIT, FUEL INJECTION PUMP	30-9
F3	FUEL INJECTION PUMP ADVANCE GROUP	30-46	E13	GASKET KIT, FUEL INJECTION PUMP	30-18
F13	FUEL INJECTION PUMP ADVANCE GROUP	30-56	F18	GASKET KIT, FUEL INJECTION PUMP	30-61
E2	FUEL INJECTION PUMP AUTOMATIC ADVANCE	30-7	B25	GASKET SET, ENGINE OVERHAUL	10-31
E11	FUEL INJECTION PUMP AUTOMATIC ADVANCE	30-16	B23	GASKET SET, ENGINE TUNE-UP	10-29
H2	FUEL INJECTION PUMP AUTOMATIC ADVANCE	85-27	B9	GEAR, CAMSHAFT	10-17
G25	FUEL INJECTION PUMP COVER	85-25	B16	GEAR, FLYWHEEL	10-22
D22	FUEL INJECTION PUMP DRIVE	30-2	B9	GEAR, TACHOMETER DRIVE	10-17
E6	FUEL INJECTION PUMP DRIVE	30-11	B6	GEARS, IDLER (4239D)	10-14
E24	FUEL INJECTION PUMP DRIVE	30-42	B7	GEARS, IDLER (4239T)	10-15
F9	FUEL INJECTION PUMP DRIVE	30-52	D25	GOVERNOR GROUP, FUEL INJECTION PUMP	30-5
G21	FUEL INJECTION PUMP DRIVE	85-21	E18	GOVERNOR GROUP, FUEL INJECTION PUMP	30-35
E14	FUEL INJECTION PUMP DRIVE GROUP	30-31	E9	GOVERNOR, FUEL INJECTION PUMP	30-14
E4	FUEL INJECTION PUMP GASKET KIT	30-9	F6	GOVERNOR, FUEL INJECTION PUMP	30-49
E13	FUEL INJECTION PUMP GASKET KIT	30-18	F15	GOVERNOR, FUEL INJECTION PUMP	30-58
F18	FUEL INJECTION PUMP GASKET KIT	30-61		H	
E9	FUEL INJECTION PUMP GOVERNOR	30-14			
F6	FUEL INJECTION PUMP GOVERNOR	30-49	B4	HEAD, CYLINDER	10-12
F15	FUEL INJECTION PUMP GOVERNOR	30-58	B5	HEAD, CYLINDER (4239T)	10-13
D25	FUEL INJECTION PUMP GOVERNOR GROUP	30-5	D23	HEAD, FUEL INJECTION PUMP	30-3
E18	FUEL INJECTION PUMP GOVERNOR GROUP	30-35	E7	HEAD, FUEL INJECTION PUMP	30-12
D23	FUEL INJECTION PUMP HEAD	30-3	E16	HEAD, FUEL INJECTION PUMP	30-33
E7	FUEL INJECTION PUMP HEAD	30-12	F2	HEAD, FUEL INJECTION PUMP	30-45
E16	FUEL INJECTION PUMP HEAD	30-33	F12	HEAD, FUEL INJECTION PUMP	30-55
F2	FUEL INJECTION PUMP HEAD	30-45	G21	HEAD, FUEL INJECTION PUMP	85-21
F12	FUEL INJECTION PUMP HEAD	30-55	C13	HOUSING, FLYWHEEL	15-10
G21	FUEL INJECTION PUMP HEAD	85-21	C14	HOUSING, FLYWHEEL	15-11
D21	FUEL INJECTION PUMP HOUSING	30-1	D21	HOUSING, FUEL INJECTION PUMP	30-1
E5	FUEL INJECTION PUMP HOUSING	30-10	E5	HOUSING, FUEL INJECTION PUMP	30-10
E14	FUEL INJECTION PUMP HOUSING	30-31	E14	HOUSING, FUEL INJECTION PUMP	30-31
E24	FUEL INJECTION PUMP HOUSING	30-42	E24	HOUSING, FUEL INJECTION PUMP	30-42
F9	FUEL INJECTION PUMP HOUSING	30-52	F9	HOUSING, FUEL INJECTION PUMP	30-52
H2	FUEL INJECTION PUMP HOUSING	85-27	H2	HOUSING, FUEL INJECTION PUMP	85-27
F14	FUEL INJECTION PUMP LINKAGE	30-57	B10	HOUSING, OIL PUMP (4239D)	10-18
G25	FUEL INJECTION PUMP LINKAGE	85-25	G18	HOUSING, STARTING MOTOR	85-17
E1	FUEL INJECTION PUMP LINKAGE GROUP	30-6	C20	HOUSING, THERMOSTAT (4239D)	20-5
E10	FUEL INJECTION PUMP LINKAGE GROUP	30-15	C21	HOUSING, THERMOSTAT (4239T)	20-6
E19	FUEL INJECTION PUMP LINKAGE GROUP	30-36		I	
F4	FUEL INJECTION PUMP LINKAGE GROUP	30-47			
H4	FUEL INJECTION PUMP OVERHAUL GASKET KIT	85-29	B6	IDLER GEARS (4239D)	10-14
E23	FUEL INJECTION PUMP OVERHAUL KIT	30-41	B7	IDLER GEARS (4239T)	10-15
F8	FUEL INJECTION PUMP OVERHAUL KIT	30-51	D17	INJECTION NOZZLE, FUEL	25-16
D23	FUEL INJECTION PUMP ROTOR	30-3	D18	INJECTION NOZZLE, FUEL	25-17
E16	FUEL INJECTION PUMP ROTOR	30-33	D8	INJECTION PUMP (4239D)	25-7
F2	FUEL INJECTION PUMP ROTOR	30-45	D10	INJECTION PUMP (4239D)	25-9
F12	FUEL INJECTION PUMP ROTOR	30-55	D14	INJECTION PUMP (4239T)	25-13
G21	FUEL INJECTION PUMP ROTOR	85-21	C8	INLET, AIR (4239D)	15-5
E7	FUEL INJECTION PUMP ROTOR GROUP	30-12	C9	INLET, AIR (4239T)	15-6
E3	FUEL INJECTION PUMP SHUT-OFF	30-8	B21	INLET, OIL FILLER	10-27
E12	FUEL INJECTION PUMP SHUT-OFF	30-17	B9	INTAKE VALVE	10-17
E21	FUEL INJECTION PUMP SHUT-OFF	30-38		K	
F16	FUEL INJECTION PUMP SHUT-OFF	30-59			
F5	FUEL INJECTION PUMP SHUT-OFF GROUP	30-48	H4	KIT, FUEL INJECTION PUMP GASKET OVERHAUL	85-29
D24	FUEL INJECTION PUMP TRANSFER GROUP	30-4	F8	KIT, FUEL INJECTION PUMP OVERHAUL	30-51
E8	FUEL INJECTION PUMP TRANSFER GROUP	30-13	C11	KIT, MUFFLER	15-8
E17	FUEL INJECTION PUMP TRANSFER GROUP	30-34	C12	KIT, MUFFLER	15-9
E25	FUEL INJECTION PUMP TRANSFER GROUP	30-43	A15	KIT, OFF-SEASON STORAGE	10-1
F10	FUEL INJECTION PUMP TRANSFER GROUP	30-53	C7	KIT, TURBOCHARGER CENTER HOUSING	15-4B
G23	FUEL INJECTION PUMP TRANSFER GROUP	85-23			
D12	FUEL INJECTION SYSTEM	25-11			
D16	FUEL INJECTION SYSTEM (4239T)	25-15			
D5	FUEL LINES (4239D)	25-4			
D6	FUEL LINES (4239T)	25-5			
D2	FUEL TRANSFER PUMP	25-2			
D3	FUEL TRANSFER PUMP	25-2A			

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE	GRID		PAGE
L					
B4	LIFT STRAP, ENGINE	10-12	A25	PIN, PISTON (4239T)	10-9
B5	LIFT STRAP, ENGINE (4239T)	10-13	A24	PISTON (4239D)	10-8
A24	LINER O-RINGS, CYLINDER (4239D)	10-8	A25	PISTON (4239T)	10-9
A24	LINER, CYLINDER (4239D)	10-8	A20	PLATE, ENGINE FRONT	10-3
D12	LINES, FUEL INJECTION	25-11	B6	PULLEY, CRANKSHAFT (4239D)	10-14
D8	LINES, FUEL INJECTION (4239D)	25-7	B7	PULLEY, CRANKSHAFT (4239T)	10-15
D10	LINES, FUEL INJECTION (4239D)	25-9	C16	PULLEY, FAN (HIGH POSITION)	20-1
D14	LINES, FUEL INJECTION (4239T)	25-13	C17	PULLEY, FAN (4239D)	20-2
E1	LINKAGE GROUP, FUEL INJECTION PUMP	30-6	C18	PULLEY, FAN (4239T)	20-3
E10	LINKAGE GROUP, FUEL INJECTION PUMP	30-15	B10	PUMP, ENGINE OIL (4239D)	10-18
E19	LINKAGE GROUP, FUEL INJECTION PUMP	30-36	B11	PUMP, ENGINE OIL (4239T)	10-19
F4	LINKAGE GROUP, FUEL INJECTION PUMP	30-47	D12	PUMP, FUEL INJECTION	25-11
F14	LINKAGE, FUEL INJECTION PUMP	30-57	D8	PUMP, FUEL INJECTION (4239D)	25-7
G25	LINKAGE, FUEL INJECTION PUMP	85-25	D10	PUMP, FUEL INJECTION (4239D)	25-9
C1	LUBRICANT, VALVE STEM	10-32	D14	PUMP, FUEL INJECTION (4239T)	25-13
M			D16	PUMP, FUEL INJECTION (4239T)	25-15
B3	MAIN BEARING	10-11	D2	PUMP, FUEL TRANSFER	25-2
B3	MAIN THRUST BEARING	10-11	D3	PUMP, FUEL TRANSFER	25-2A
C3	MANIFOLD, EXHAUST (4239D)	15-2	C16	PUMP, WATER (HIGH POSITION)	20-1
C4	MANIFOLD, EXHAUST (4239T)	15-3	C17	PUMP, WATER (4239D)	20-2
G6	MOTOR, STARTING	85-8	C18	PUMP, WATER (4239T)	20-3
G19	MOTOR, STARTING	85-18	R		
C10	MOUNTS, ENGINE	15-7	F22	REGULATOR, VOLTAGE	85-2
C11	MUFFLER	15-8	F21	REGULATOR, VOLTAGE (4239D)	85-1
C12	MUFFLER	15-9	B15	RING GEAR, FLYWHEEL	10-21
C11	MUFFLER COVER	15-8	A24	RINGS, PISTON (4239D)	10-8
C12	MUFFLER COVER	15-9	A25	RINGS, PISTON (4239T)	10-9
C11	MUFFLER KIT	15-8	B18	ROCKER ARM COVER (4239D)	10-24
C12	MUFFLER KIT	15-9	B19	ROCKER ARM COVER (4239T)	10-25
N			A24	ROD, CONNECTING (4239D)	10-8
D17	NOZZLE, FUEL INJECTION	25-16	A25	ROD, CONNECTING (4239T)	10-9
D18	NOZZLE, FUEL INJECTION	25-17	E7	ROTOR GROUP, FUEL INJECTION PUMP	30-12
D8	NOZZLE, INJECTION PUMP (4239D)	25-7	D23	ROTOR, FUEL INJECTION PUMP	30-3
D10	NOZZLE, INJECTION PUMP (4239D)	25-9	E16	ROTOR, FUEL INJECTION PUMP	30-33
D14	NOZZLE, INJECTION PUMP (4239T)	25-13	F2	ROTOR, FUEL INJECTION PUMP	30-45
O			F12	ROTOR, FUEL INJECTION PUMP	30-55
B13	OIL COOLER, ENGINE (4239D)	10-20A	G21	ROTOR, FUEL INJECTION PUMP	85-21
B14	OIL COOLER, ENGINE (4239T)	10-20B	S		
B21	OIL FILLER INLET	10-27	B25	SET, GASKET, ENGINE OVERHAUL	10-31
B22	OIL FILLER INLET COVER	10-28	B23	SET, GASKET, ENGINE TUNE-UP	10-29
A23	OIL FILTER	10-6	B1	SHAFT, ENGINE BALANCER	10-10
C6	OIL LINES, TURBOCHARGER (4239T)	15-4A	B9	SHAFT, ROCKER ARM	10-17
A21	OIL PAN (4239D)	10-4	F22	SHIELD, ALTERNATOR	85-2
A22	OIL PAN (4239T)	10-5	F21	SHIELD, ALTERNATOR (4239D)	85-1
B10	OIL PUMP, ENGINE (4239D)	10-18	A19	SHORT BLOCK	10-2C
B11	OIL PUMP, ENGINE (4239T)	10-19	E21	SHUT-OFF FUEL INJECTION PUMP	30-38
A15	OIL, ENGINE	10-1	F5	SHUT-OFF GROUP, FUEL INJECTION PUMP	30-48
E23	OVERHAUL KIT, FUEL INJECTION PUMP	30-41	E3	SHUT-OFF, FUEL INJECTION PUMP	30-8
H4	OVERHAUL KIT, FUEL INJECTION PUMP	85-29	E12	SHUT-OFF, FUEL INJECTION PUMP	30-17
P			F16	SHUT-OFF, FUEL INJECTION PUMP	30-59
A21	PAN, OIL (4239D)	10-4	G16	SOLENOID SWITCH (DELCO-REMY)	85-15
A22	PAN, OIL (4239T)	10-5	G12	SOLENOID SWITCH COVER KIT, STARTER	85-12B
A24	PIN, PISTON (4239D)	10-8	G11	SOLENOID SWITCH KIT, STARTER	85-12A
			G10	SOLENOID SWITCH, STARTER	85-12
			G13	SOLENOID SWITCH, STARTER	85-12C
			G19	SOLENOID, STARTING MOTOR	85-18
			G6	STARTER	85-8
			G14	STARTER (DELCO-REMY)	85-13
			G15	STARTER (DELCO-REMY)	85-14
			G16	STARTER (DELCO-REMY)	85-15
			G7	STARTER (JOHN DEERE)	85-9

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE	GRID	PAGE
G8	STARTER (JOHN DEERE)	85- 10		
G9	STARTER (JOHN DEERE)	85- 11		
G10	STARTER SOLENOID SWITCH	85- 12		
G13	STARTER SOLENOID SWITCH	85- 12C		
G12	STARTER SOLENOID SWITCH COVER KIT	85- 12B		
G11	STARTER SOLENOID SWITCH KIT	85- 12A		
G19	STARTING MOTOR	85- 18		
G18	STARTING MOTOR ARMATURE	85- 17		
G18	STARTING MOTOR COIL	85- 17		
G17	STARTING MOTOR DRIVE	85- 16		
G18	STARTING MOTOR HOUSING	85- 17		
G19	STARTING MOTOR SOLENOID	85- 18		
G17	STARTING MOTOR SWITCH	85- 16		
C1	STOP LEAK	10- 32		
B4	STRAP, ENGINE LIFT	10- 12		
B5	STRAP, ENGINE LIFT (4239T)	10- 13		
C1	SUMMER COOLANT CONDITIONER	10- 32		
G11	SWITCH KIT, STARTER SOLENOID	85- 12A		
G16	SWITCH, SOLENOID (DELCO-REMY)	85- 15		
G10	SWITCH, STARTER SOLENOID	85- 12		
G13	SWITCH, STARTER SOLENOID	85- 12C		
G17	SWITCH, STARTING MOTOR	85- 16		
D12	SYSTEM, FUEL INJECTION	25- 11		
D16	SYSTEM, FUEL INJECTION (4239T)	25- 15		
T				
C19	THERMOSTAT (4239D)	20- 4		
C19	THERMOSTAT (4239T)	20- 4		
C20	THERMOSTAT HOUSING (4239D)	20- 5		
C21	THERMOSTAT HOUSING (4239T)	20- 6		
B20	TIMING GEAR COVER	10- 26		
D24	TRANSFER GROUP, FUEL INJECTION PUMP	30- 4		
E8	TRANSFER GROUP, FUEL INJECTION PUMP	30- 13		
E17	TRANSFER GROUP, FUEL INJECTION PUMP	30- 34		
E25	TRANSFER GROUP, FUEL INJECTION PUMP	30- 43		
F10	TRANSFER GROUP, FUEL INJECTION PUMP	30- 53		
G23	TRANSFER GROUP, FUEL INJECTION PUMP	85- 23		
D2	TRANSFER PUMP, FUEL	25- 2		
D3	TRANSFER PUMP, FUEL	25- 2A		
B17	TUBE, ROCKER ARM COVER	10- 23		
C4	TURBOCHARGER (4239T)	15- 3		
C7	TURBOCHARGER CENTER HOUSING	15- 4B		
C7	TURBOCHARGER CENTER HOUSING KIT	15- 4B		
C6	TURBOCHARGER OIL LINES (4239T)	15- 4A		
V				
C1	VALVE STEM LUBRICANT	10- 32		
B9	VALVE, EXHAUST	10- 17		
B9	VALVE, INTAKE	10- 17		
B17	VENTILATING SYSTEM, ENGINE	10- 23		
F22	VOLTAGE REGULATOR	85- 2		
F21	VOLTAGE REGULATOR (4239D)	85- 1		
W				
C16	WATER PUMP (HIGH POSITION)	20- 1		
C17	WATER PUMP (4239D)	20- 2		
C18	WATER PUMP (4239T)	20- 3		

TORQ-GARD SUPREME ENGINE OIL

X3377



X3377N

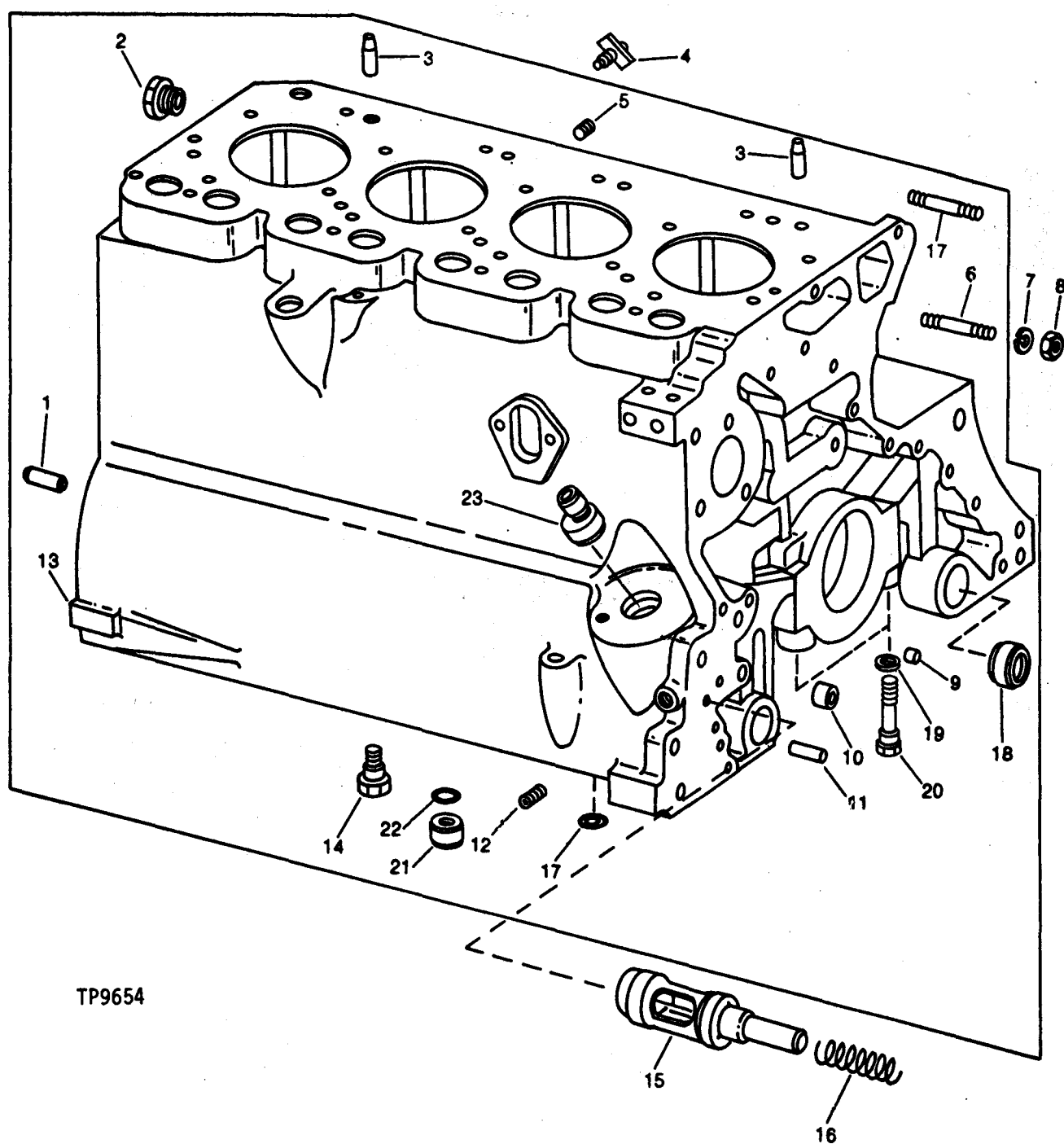
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
..	AR63980	OIL	1		(SAE 5W/20) 0.2L (1/2 PT.) CAN
..	AR63228	OIL	1		(SAE 5W/20) 0.9L (1 QT.) CAN
..	AR63229	OIL	1		(SAE 5W/20) 19L (5 GAL.) CAN
..	AR63230	OIL	1		(SAE 5W/20) 208L (55 GAL.) DRUM
..	AR63223	OIL	1		(SAE 10W/20) 0.9L (1 QT.) CAN
..	AR65889	OIL	1		(SAE 10W/20) 3.8L (1 GAL.) CAN (NO LONGER AVAILABLE)
..	AR63224	OIL	1		(SAE 10W/20) 19L (5 GAL.) CAN
..	AR63225	OIL	1		(SAE 10W/20), 61L (16 GAL.) DRUM
..	AR63226	OIL	1		(SAE 10W/20) 114L (30 GAL.) DRUM (NO LONGER AVAILABLE)
..	AR63227	OIL	1		(SAE 10W/20) 208L (55 GAL.) DRUM
..	AR63979	OIL	1		(SAE 30) 0.2L (1/2 PT.) CAN
..	AR63218	OIL	1		(SAE 30) 0.9L (1 QT.) CAN
..	AR65888	OIL	1		(SAE 30), 3.8L (1 GAL.) CAN (NO LONGER AVAILABLE)
..	AR63219	OIL	1		(SAE 30) 19L (5 GAL.) CAN
..	AR63220	OIL	1		(SAE 30) 61L (16 GAL.) DRUM (NO LONGER AVAILABLE)
..	AR63221	OIL	1		(SAE 30) 114L (30 GAL.) DRUM (NO LONGER AVAILABLE)
..	AR63222	OIL	1		(SAE 30) 208L (55 GAL.) DRUM

KIT FOR OFF-SEASON STORAGE
(NOT ILLUSTRATED)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
..	AR41785	KIT	1		OFF-SEASON STORAGE, FOR ENGINE POWERED EQUIPMENT. THIS KIT CONTAINS 0.9L (1 QT.) CAN OF INTERNAL CORROSION INHIBITOR, 1 ROLL OF TAPE, AND 6 PLASTIC BAGS.
..	AR41870	RUST INHIBITOR	1		0.9L (1 QT.) CAN OF INTERNAL CORROSION

CYLINDER BLOCK

TP9654



TP9654

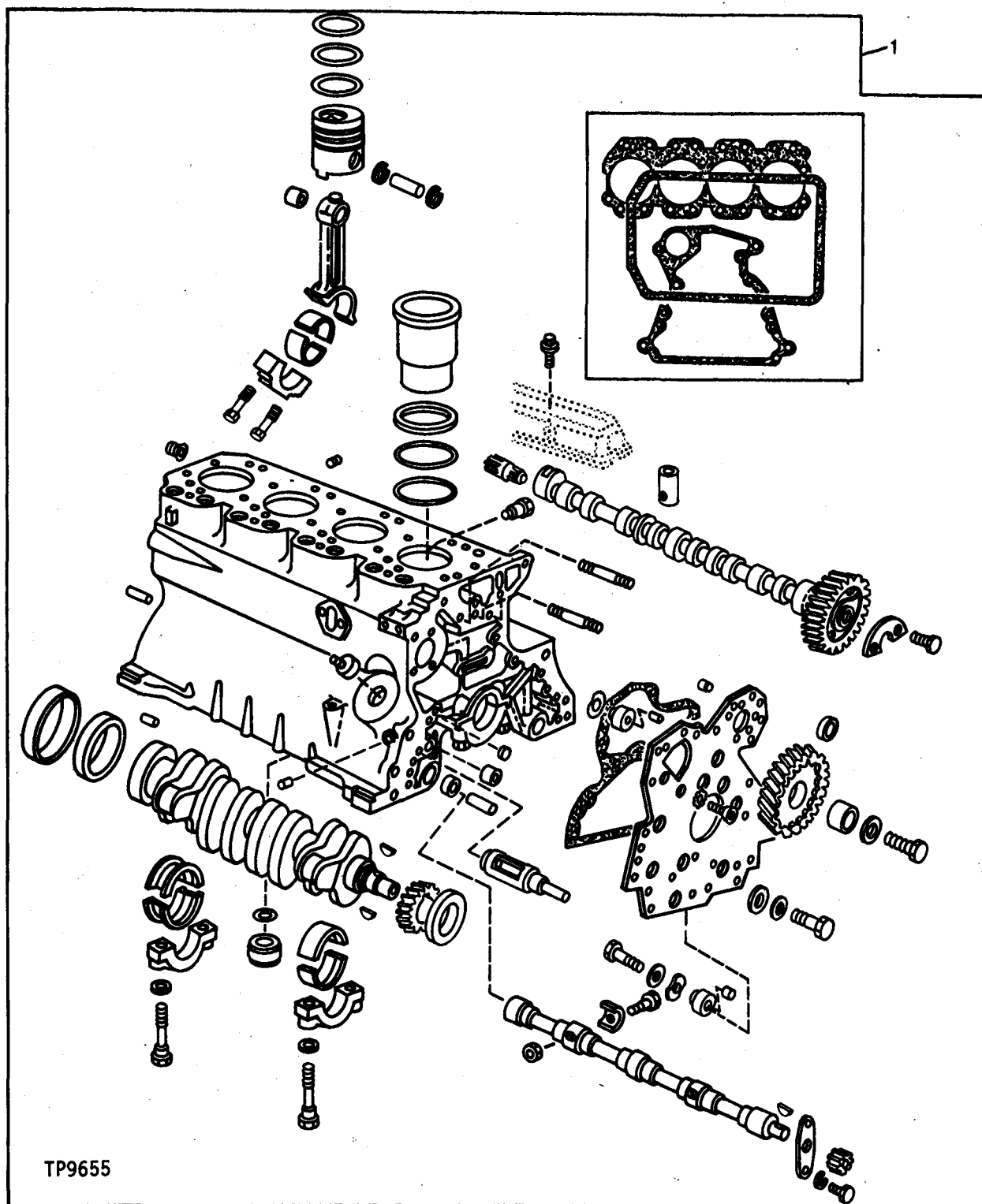
CYLINDER BLOCK-CONTINUED

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	2		(A) (SUB FOR A120R)
2	15H665	PIPE PLUG	1		HEX CTSK., 3/4"
3	R26241	DOWEL PIN	2		
4	AT13740	VALVE	1		
5	15H275	PIPE PLUG	1		1/4"
6	T25701	STUD	1		WATER PUMP
7	12H304	LOCK WASHER	1		3/8"
8	14H812	NUT	1		3/8"
9	T18891	CAP	2	-460066	
	T18891	CAP	1	460067-	
10	R26493	BUSHING	1		
11	A4879R	DOWEL PIN	2		(A)
	R26650	DOWEL PIN	2		(A)
12	15H255	PIPE PLUG	1		3/8", SQ. HD.
13	AR71007	CYLINDER BLOCK	1	-460066	WITH DOWEL PINS, PIPE PLUG, MAIN BEARING CAPS, STUD, NIPPLE, OIL PRESSURE RELIEF VALVE BUSHINGS, WASHERS, CAP SCREWS, BALANCER SHAFT BUSHINGS AND PISTON COOLING ORIFICES (4239D) (MARKED R55510) (SUB AR97217, R46625, R73139 AND R73140)
	AR78309	CYLINDER BLOCK	1	-460066	WITH DOWEL PINS, PIPE PLUG, MAIN BEARING CAPS, STUD, NIPPLE, OIL PRESSURE RELIEF VALVE BUSHINGS, WASHERS, CAP SCREWS, BALANCER SHAFT BUSHINGS AND PISTON COOLING ORIFICES (4239T) (MARKED R55510) (SUB AR97218, R46625, R73139 AND R73140)
	AR97217	CYLINDER BLOCK	1	460067-	WITH DOWEL PINS, PIPE PLUG, MAIN BEARING CAPS, STUD, NIPPLE, OIL PRESSURE RELIEF VALVE BUSHINGS, WASHERS, CAP SCREWS, BALANCER SHAFT BUSHINGS AND PISTON COOLING ORIFICES (4329D) (MARKED R72974)
	AR97218	CYLINDER BLOCK	1	460067-	WITH DOWEL PINS, PIPE PLUG, MAIN BEARING CAPS, DYUF, NIPPLR, OIL PRESSURE RELIEF VALVE BUSHINGS, WASHERS, CAP SCREWS, BALANCER SHAFT BUSHINGS AND PISTON COOLING ORIFICES (4239T) (MARKED R72974)
14	R54802	ORIFICE	4		PISTON COOLING
15	R73139	RELIEF VALVE	1	460067-	
16	R46625	SPRING	1	460067-	
17	T33279	STUD	2		
18	R57160	BUSHING	1		
19	T20168	WASHER	10		
20	T23474	CAP SCREW	10		
21	R75893	FITTING	1	574190-	
22	R75892	O-RING	1	574190-	
23	T23435	THREADED NIPPLE	1		
..	AR97220	SHORT BLOCK ASSEMBLY	1		COMPLETE WITH OVERHAUL GASKET SET (WITH FLYWHEEL HOUSING SAE NO. 4) (4239D) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85719)
..	AR97221	SHORT BLOCK ASSEMBLY	1		COMPLETE WITH OVERHAUL GASKET SET (WITH FLYWHEEL HOUSING SAE NO. 2 OR 3) (4239D) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85720)
..	AR97222	SHORT BLOCK ASSEMBLY	1		COMPLETE WITH OVERHAUL GASKET SET (WITH FLYWHEEL HOUSING SAE NO. 4) (4239T) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85721)
..	AR97223	SHORT BLOCK ASSEMBLY	1		COMPLETE WITH OVERHAUL GASKET SET (WITH FLYWHEEL HOUSING SAE NO. 2 OR 3) (4239T) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85722)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

SHORT BLOCK

TP9655



TP9655

THIS PARTS LISTING IS CONTINUED

OEM ENGINES AND ACCESSORIES - 4239D AND 4239T PC-3153 (02-SEP-83) LITHO IN U.S.A.

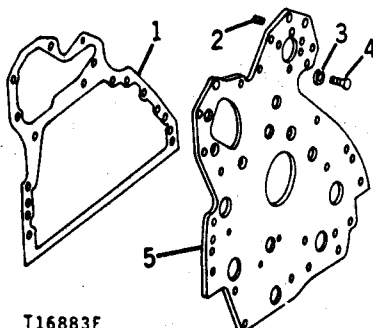
SHORT BLOCK-CONTINUED

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR97220	SHORT BLOCK ASSEMBLY	1	-575617	COMPLETE WITH ENGINE OVERHAUL GASKET SET (USE WITH SAE NO.4 FLYWHEEL HOUSING) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85719) (4239D)
	AR97221	SHORT BLOCK ASSEMBLY	1	-575617	COMPLETE WITH ENGINE OVERHAUL GASKET SET (USE WITH SAE NO. 2 OR NO. 3 FLYWHEEL HOUSING) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85720) (4239D)
	RE16815	SHORT BLOCK ASSEMBLY	1	575618-	COMPLETE WITH ENGINE OVERHAUL GASKET SET (4239D)
	AR97222	SHORT BLOCK ASSEMBLY	1		COMPLETE WITH ENGINE OVERHAUL GASKET SET (USE WITH SAE NO. 4 FLYWHEEL HOUSNG) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85721) (4239T)
	AR97223	SHORT BLOCK ASSEMBLY	1		COMPLETE WITH ENGINE OVERHAUL GASKET SET (USE WITH SAE NO. 2 OR NO. 3 FLYWHEEL HOUSING) (ALSO ORDER AR67942 AND AR92893) (SUB FOR AR85722) (4239T)

MEMORANDA

ENGINE FRONT PLATE

T16883

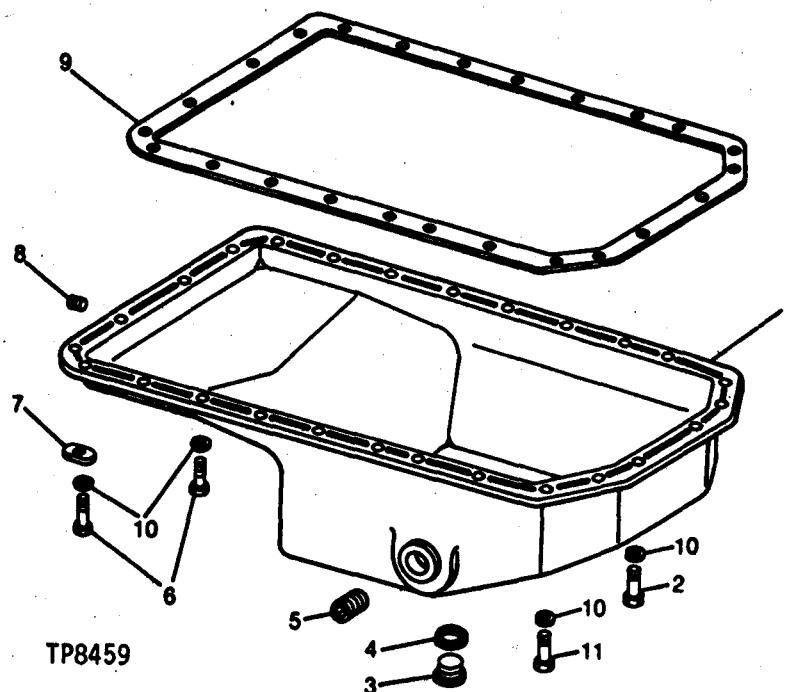


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R73140	GASKET	1		(SUB FOR T24965)
2	AT21191	SET SCREW	8		
	AT22919	SET SCREW	2		
3	12H324	WASHER	5		EXTERNAL-TOOTH, 3/8"
4	T20166	SCREW	5		
5	R56736	PLATE	1	-575617	(A) FRONT (4239D)
	R59430	PLATE	1		FRONT (4239T)
	AT29928	PLATE	1	-575617	(A) (INCLUDES (8) AT21191 SET SCREWS AND TWO AT22919 SET SCREWS (4239D)
	R77149	PLATE	1	575618-	(WITH ROTO DIESEL INJECTION PUMP) (4239D)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

ENGINE OIL PAN
(4239D)
CODE 1902 OIL PAN, REAR DRAIN
CODE 1903 OIL PAN, BOTTOM DRAIN

TP8459

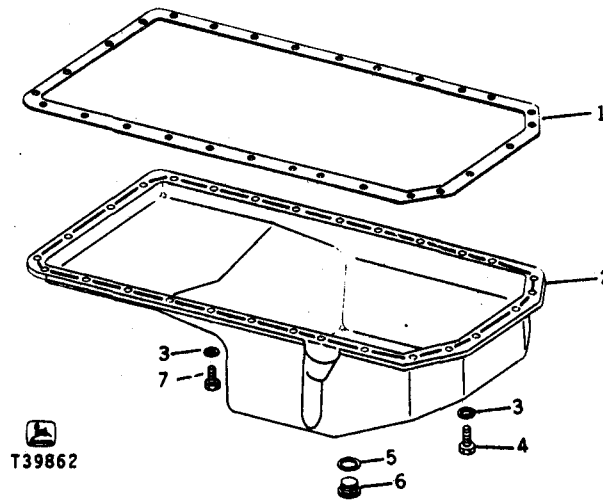


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR66726	OIL PAN	1		(A) (CODE 1902, 1903) (ALSO ORDER T13213, T20098, 15H624 AND 15H665)
	AR63347	OIL PAN	1		(A) (CODE 1903)
	AR66725	OIL PAN	1		(A) (CODE 1902)
2	19H2284	CAP SCREW	2		3/8" X 7/8"
3	T20098	DRAIN PLUG	1		(CODE 1903)
4	T13213	WASHER	1		(CODE 1903)
5	15H665	PIPE PLUG	1		HEX. CTSK., 3/4"
6	19H1936	CAP SCREW	22		3/8" X 3/4"
7	T30726	STRAP	28		
8	15H624	PIPE PLUG	1		HEX. CTSK., 1/2" (CODE 1902)
9	R49515	GASKET	1		(A)
	T24535	GASKET	1		(A)
10	12H304	LOCK WASHER	28		3/8"
11	19H2545	CAP SCREW	4		3/8" X 1-3/8"

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

**ENGINE OIL PAN
(4239T)
CODE 1904 OIL PAN, BOTTOM DRAIN**

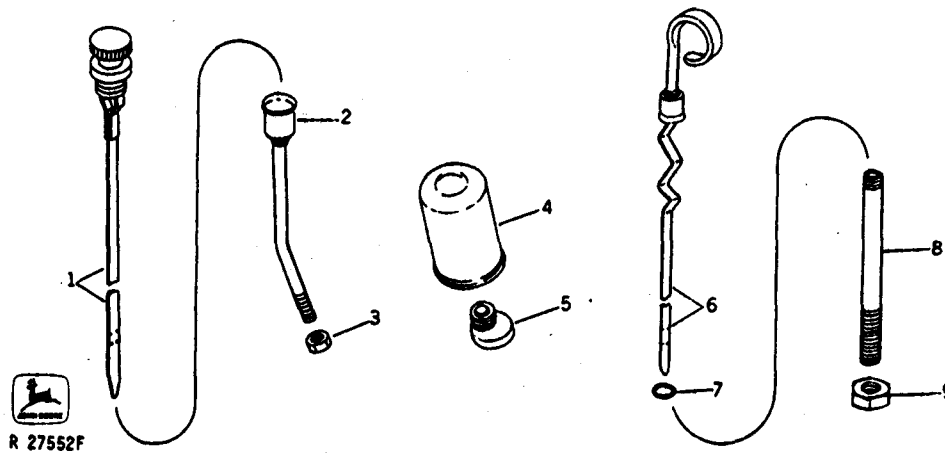
T39862



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R49515	GASKET	1		
2	R59355	OIL PAN	1		
3	12H304	LOCK WASHER	28		3/8"
4	19H246	CAP SCREW	4		3/8" X 1-3/4"
5	T13213	WASHER	1		
6	M1746T	DRAIN PLUG	1		
7	19H1732	CAP SCREW	23		3/8" X 1-1/4"
	19H1801	CAP SCREW	1		3/8" X 2"

R27552

ENGINE OIL DIPSTICK AND OIL FILTER

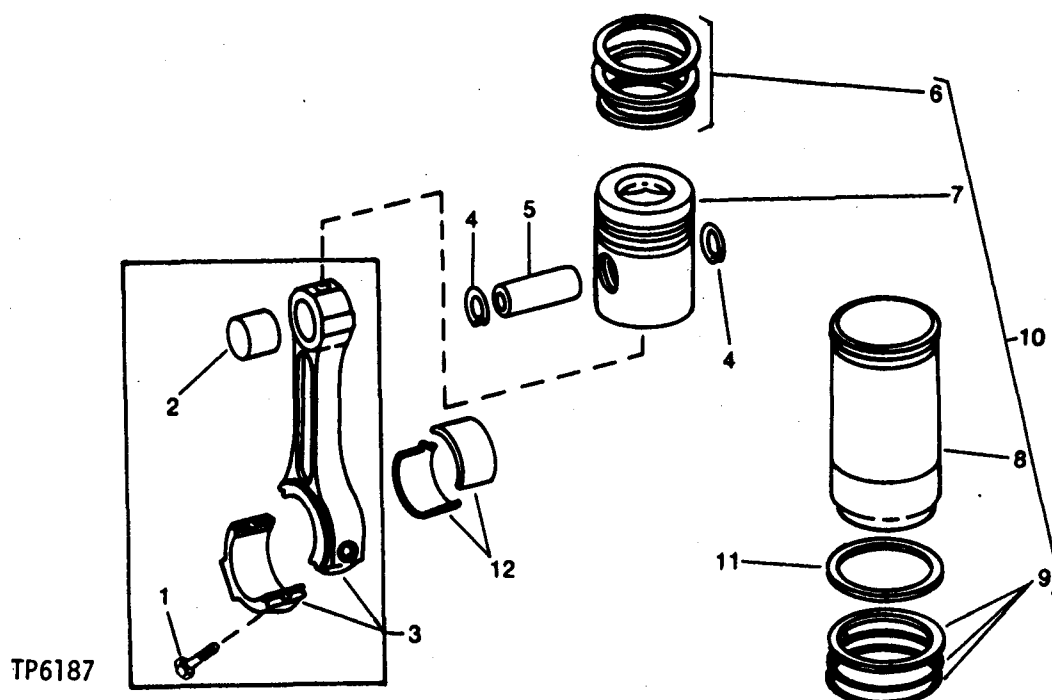


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR63348	DIPSTICK	1	(4239T)	
2	AR72889	LINE	1	(4239T)	
3	14H826	NUT	1	1/2", (4239T)	
4	T19044	OIL FILTER	1		
5	T23435	THREADED NIPPLE	1		
6	AR78192	DIPSTICK	1	(4239D)	
7	R10093	O-RING	1	(4239D)	
8	R55299	THREADED NIPPLE	1	(4239D)	
9	14H826	NUT	1	1/2", (4239D)	

MEMORANDA

CONNECTING ROD, PISTON, RINGS AND LINER (4239D)

TP6187



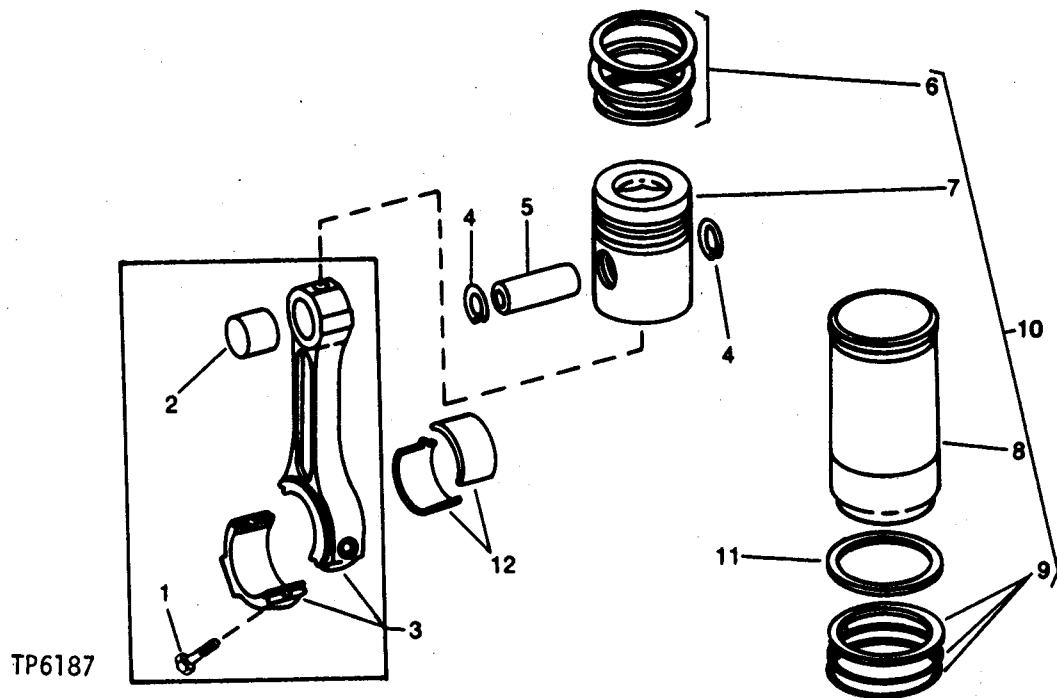
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R74194	SCREW	8	(A) (B)	
	T20009	CAP SCREW	8	(A) (B)	
2	R55647	BUSHING	4		
3	AR55978	CONNECTING ROD	4		
4	M41029	SNAP RING	8		
5	R51731	PISTON PIN	4		
6	DD11831	PISTON RING KIT	4		(SET OF 3 RINGS)
7	AR79868	PISTON	AR		(SUB RE11509) (MARKED B)
	AR87738	PISTON	AR		(SUB RE11510) (MARKED H)
8	R51726	CYLINDER LINER	4		
9	AR65507	O-RING KIT	4		CYLINDER LINER
10	RE11509	PISTON-LINER KIT	AR		MARKED B, (SUB FOR AR89753)
	RE11510	KIT	AR		MARKED H, (SUB FOR AR90551)
11	CD15466	SHIM	AR		0.05 MM (.002")
	R65833	SHIM	AR		0.10 MM (.004")
12	AT21138	BEARING	4		STANDARD (SET OF (2) T20011)
	AT21122	BEARING	AR		0.05 MM (.002") UNDERSIZE (SET OF (2) T23566)
	AT21124	BEARING	AR		0.25 MM (.010") UNDERSIZE (SET OF (2) T23568)
	AT21126	BEARING	AR		0.51 MM (.020") UNDERSIZE (SET OF (2) T23570)
	AT21128	BEARING	AR		0.76 MM (.030") UNDERSIZE (SET OF (2) T23572)
	AR54749	LUBRICANT	1		(USED FOR CYLINDER LINER PACKING INSTALLATION)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

(B) DO NOT MIX CONNECTING ROD SCREWS.

CONNECTING ROD, PISTON, RINGS AND LINER (4239T)

TP6187



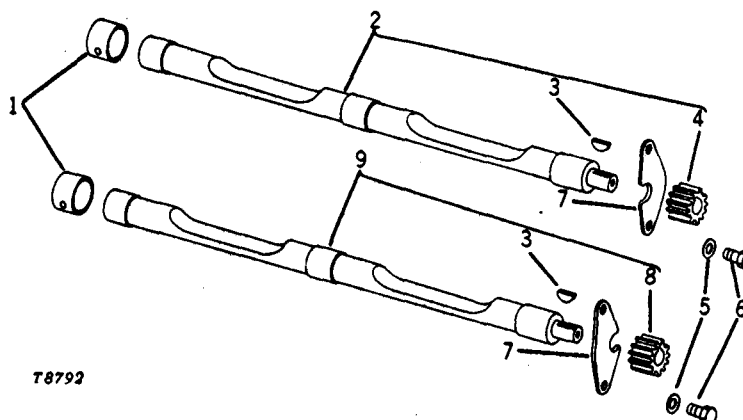
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R74194	SCREW	8	(A) (B)	
	T20009	CAP SCREW	8	(A) (B)	
2	R57451	BUSHING	4		
3	AR71068	CONNECTING ROD	4		
4	R54114	SNAP RING	8		
5	R56188	SLEEVE	4		
6	DD11831	PISTON RING KIT	4		(SET OF 3 RINGS)
7	AR71067	PISTON	AR		(MARKED B)
	AR87748	PISTON	AR		(MARKED H)
8	R51726	CYLINDER LINER	4		
9	AR65507	O-RING KIT	4		CYLINDER LINER
10	AR99538	KIT	AR		(A) (MARKED B) (SUB FOR AR89966)
	AR99535	KIT	AR		(A) (MARKED H) (SUB FOR AR92479)
11	CD15466	SHIM	AR		0.05 MM (.002")
	R65833	SHIM	AR		0.10 MM (.004")
12	AR71080	BEARING	4		STANDARD (SET OF (2) R58980)
	AR76128	BEARING	AR		0.05 MM (.002") UNDERSIZE (SET OF (2) R62072)
	AR76129	BEARING	AR		0.25 MM (.010") UNDERSIZE (SET OF (2) R62073)
	AR76130	BEARING	AR		0.51 MM (.020") UNDERSIZE (SET OF (2) R62074)
	AR76131	BEARING	AR		0.76 MM (.030") UNDERSIZE (SET OF (2) R62075)
	AR54749	LUBRICANT	1		(USED FOR CYLINDER LINER PACKING INSTALLATION)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

(B) DO NOT MIX CONNECTING ROD SCREWS.

ENGINE BALANCER SHAFT (4239D)

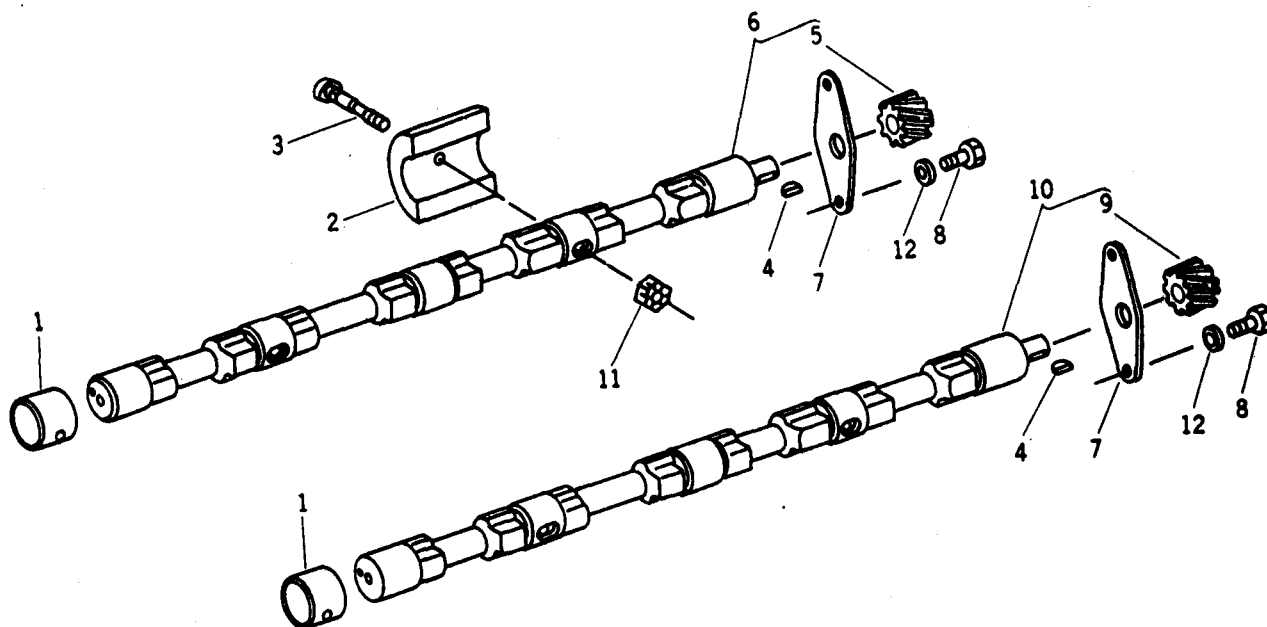
T8792



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R57160	BUSHING	6		
2	AR61352	SHAFT	1		WITH GEAR, L.H.
3	T28041	SHAFT KEY	2		
4	T20133	GEAR	1		L.H. (12 TEETH)
5	12H304	LOCK WASHER	4		3/8"
6	19H2021	CAP SCREW	4		3/8" X 5/8"
7	T20193	STOP	2		
8	T20130	GEAR	1		R.H. (12 TEETH)
9	AR61351	SHAFT	1		WITH GEAR, R.H.

ENGINE BALANCER SHAFT (4239T)

T66724



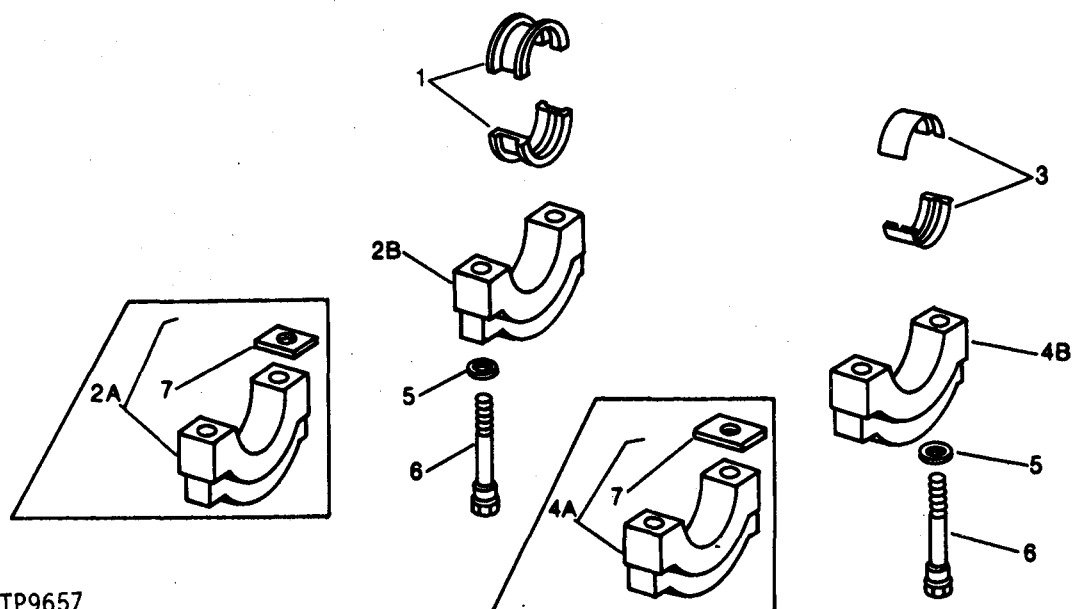
T66724

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R57160	BUSHING	6		
2	R54635	BALANCER	4		
3	T28745	BOLT	4		
4	T28041	SHAFT KEY	2		
5	T20133	GEAR	1		L.H. (12 TEETH)
6	AR69711	SHAFT	1		WITH GEAR, L.H.
7	R58007	STOP	2		
8	19H2021	CAP SCREW	4		3/8" X 5/8"
9	T20130	GEAR	1		R.H. (12 TEETH)
10	AR69710	SHAFT	1		WITH GEAR, R.H.
11	T15634	NUT	4		
12	12H304	LOCK WASHER	4		3/8"

MEMORANDA

CRANKSHAFT BEARINGS AND CAPS

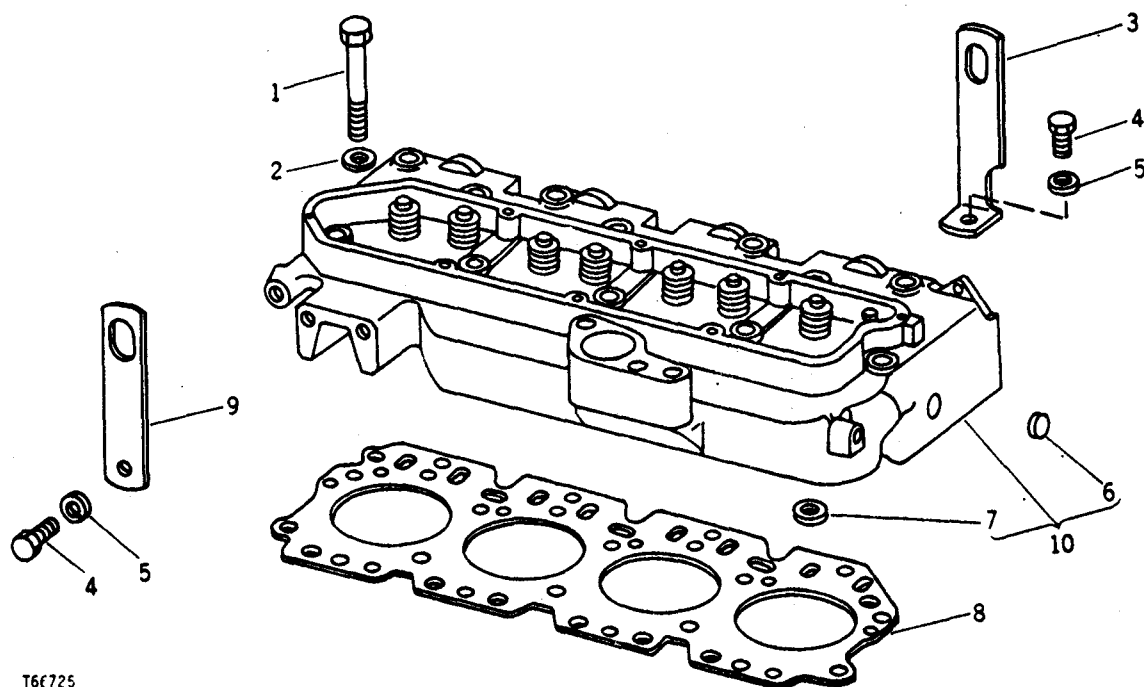
TP9657



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AT21139	BEARING	1		REAR (SET OF (2) T23215)
	AT21130	BEARING	AR		0.05 MM (.002") UNDERSIZE, REAR (SET OF (2) T23574)
	AT21132	BEARING	AR		0.25 MM (.010") UNDERSIZE, REAR (SET OF (2) T23576)
	AT21134	BEARING	AR		0.51 MM (.020") UNDERSIZE, REAR (SET OF (2) T23578)
	AT21136	BEARING	AR		0.76 MM (.030") UNDERSIZE, REAR (SET OF (2) T23580)
2A	AR82295	BEARING CAP	1	-XXXXXX	REAR, (SUB FOR AT21227)
2B	R79089	BEARING CAP	AR	XXXXXX-	
3	AT21140	BEARING	4		STANDARD, PLAIN (4 PKGS. USED) (SET OF (2) T23214)
	AT21108	BEARING	AR		0.05 MM (.002") UNDERSIZE, PLAIN (SET OF (2) T23552)
	AT21110	BEARING	AR		0.25 MM (.010") UNDERSIZE, PLAIN (SET OF (2) T23554)
	AT21112	BEARING	AR		0.51 MM (.020") UNDERSIZE, PLAIN (SET OF (2) T23556)
	AT21114	BEARING	AR		0.76 MM (.030") UNDERSIZE, PLAIN (SET OF (2) T23558)
4A	AR82294	BEARING CAP	4		FRONT AND CENTER WITH SHIMS AND SET GAUGE, (SUB FOR AT21226)
4B	R65215	BEARING CAP	AR	XXXXXX-	
5	T20168	WASHER	10		
6	T23474	CAP SCREW	10		
7	T23671	SHIM	AR		0.05 MM (.002") (USE WITH BEARING CAP MARKED R65217 OR R65218)
	T23670	SHIM	AR		0.076 MM (.003") (USE WITH BEARING CAP MARKED R65217 OR R65218)

CYLINDER HEAD (4239D)

T66725



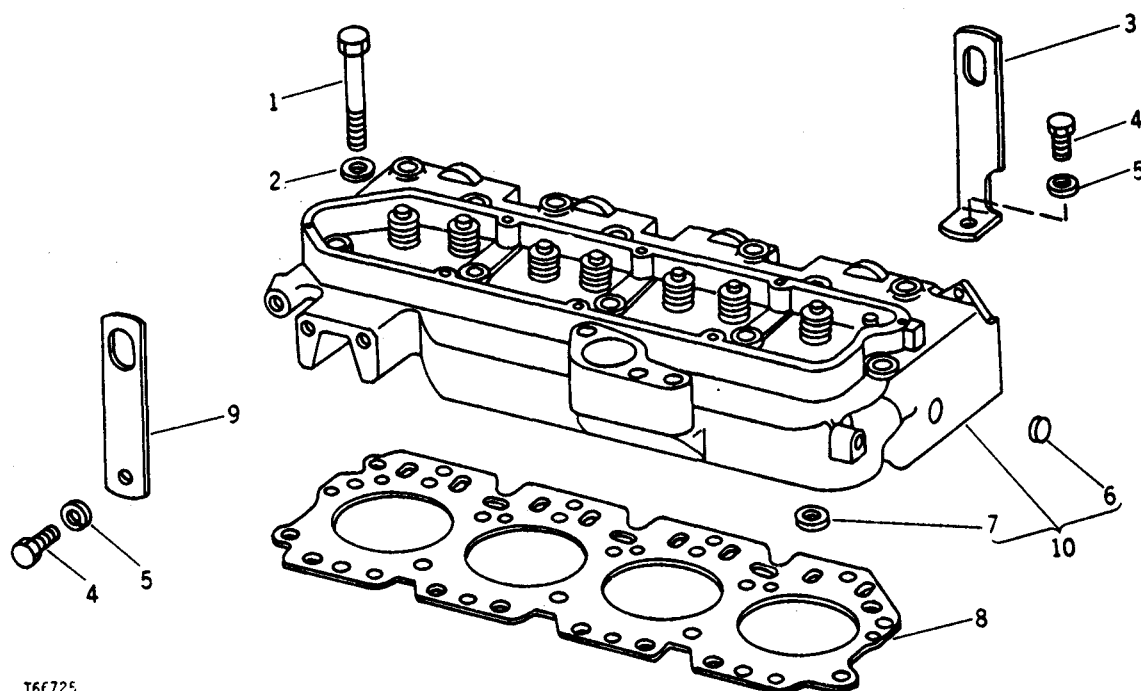
T66725

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R53223	CAP SCREW	18		1/2" X 4-1/4"
2	T20168	WASHER	18		
3	T26508	STRAP	1		FRONT, ENGINE LIFT
4	T9H1792	CAP SCREW	2		1/2" X 1"
5	12H301	LOCK WASHER	2		1/2"
6	A3910R	CAP	2		
7	CD13979	VALVE SEAT INSERT	4		EXHAUST
	CD14725	VALVE SEAT INSERT	AR		INTAKE
8	R59448	GASKET	1		
9	T26509	STRAP	1		REAR ENGINE LIFT
10	AR62452	CYLINDER HEAD	1		(A) (MARKED R54560)
	AR70589	CYLINDER HEAD	1		(A) (MARKED R54560)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

CYLINDER HEAD (4239T)

T66725



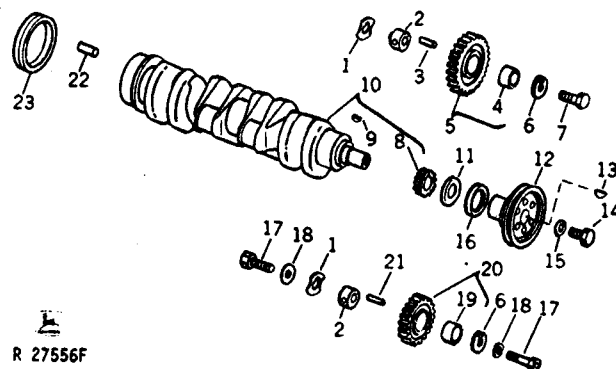
T66725

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R53223	CAP SCREW	18		1/2" X 4-1/4"
2	T20168	WASHER	18		
3	R62380	STRAP	1		FRONT, ENGINE LIFT
4	19H1792	CAP SCREW	2		1/2" X 1"
5	12H301	LOCK WASHER	2		1/2"
6	A3910R	CAP	2		
7	CD13979	VALVE SEAT INSERT	4		(A) EXHAUST
	R51734	VALVE SEAT INSERT	4		(A) EXHAUST
	CD14725	VALVE SEAT INSERT	4		(A) INTAKE
	R57079	VALVE SEAT INSERT	4		(A) INTAKE
8	R59448	GASKET	1		
9	T26509	STRAP	1		REAR, ENGINE LIFT
10	AR68341	CYLINDER HEAD	1		(MARKED R57078)
	AR68340	CYLINDER HEAD	1		(MARKED R57078)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

**CRANKSHAFT AND IDLER GEARS
(4239D)**
CODE 1301 CRANKSHAFT PULLEY, SINGLE GROOVE

R27556



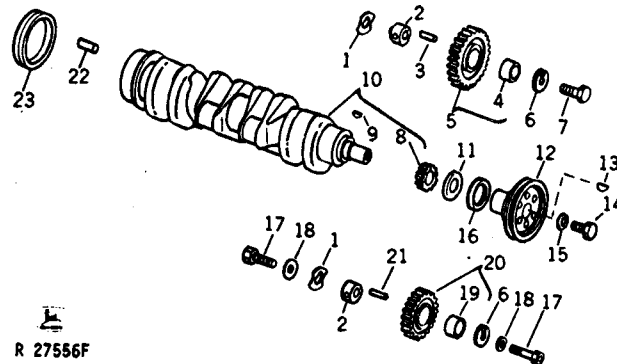
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T26324	THRUST WASHER	2		INNER
2	T26323	SHAFT	2		
3	34H283	SPRING PIN	1		3/16" X 1-1/8"
4	T20034	BUSHING	1		
5	AR91660	GEAR	1		UPPER, IDLER
6	T26326	THRUST WASHER	2		OUTER
7	T26327	SCREW	1		
8	T20094	GEAR	1		
9	26H72	SHAFT KEY	1		1/8" X 5/8"
10	AT18030	CRANKSHAFT	1		(MARKED T23517)
11	T20046	OIL SLINGER	1		
12	T24440	PULLEY	1		
13	T23604	SHAFT KEY	1		
14	19H1721	CAP SCREW	1		1/2" X 1-1/2"
15	T20217	WASHER	1		
16	AR67942	SEAL	1		FRONT
17	T26325	SCREW	2		
18	R76126	WASHER	2		(SUB FOR CD13514 AND R42364)
19	T26321	BUSHING	1		
20	AT24252	GEAR	1		LOWER IDLER, (MARKED T26322)
21	34H286	SPRING PIN	1		3/16" X 1-1/2"
22	T26565	DOWEL PIN	1		
23	AR92893	SEAL	1		REAR, (SUB FOR AT22965)

CRANKSHAFT AND IDLER GEARS

(4239T)

CODE 1301 CRANKSHAFT PULLEY, SINGLE GROOVE
 CODE 1302 CRANKSHAFT PULLEY, DUAL GROOVE

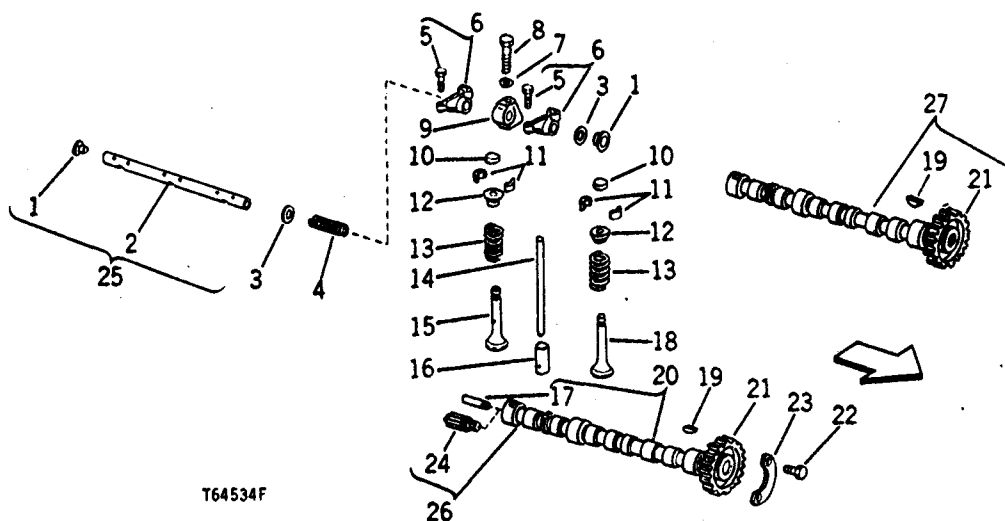
R27556



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T26324	THRUST WASHER	2		INNER
2	T26323	SHAFT	1		
3	34H283	SPRING PIN	1		3/16" X 1-1/8"
4	T20034	BUSHING	1		
5	AR91660	GEAR	1		CRANKSHAFT UPPER IDLER
6	T26326	THRUST WASHER	2		OUTER
7	T26327	SCREW	1		
8	T20094	GEAR	1		
9	26H72	SHAFT KEY	1		1/8" X 5/8"
10	AT18030	CRANKSHAFT	1		(MARKED T23517)
11	T20046	OIL SLINGER	1		
12	R56048	SHEAVE	1		(CODE 1302)
	T24440	PULLEY	1		(CODE 1301)
13	T23604	SHAFT KEY	1		
14	19H1721	CAP SCREW	1		1/2" X 1-1/2"
15	T20217	WASHER	1		
16	AR67942	SEAL	1		OIL, FRONT
17	T26325	SCREW	2		
18	R76126	WASHER	2		(SUB FOR CD13514 AND R42364)
19	T26321	BUSHING	1		
20	AT24252	GEAR	1		LOWER, IDLER
21	34H286	SPRING PIN	1		3/16" X 1-1/2"
22	T26565	DOWEL PIN	1		
23	AR92893	SEAL	1		OIL, REAR, (SUB FOR AT22965)

CAMSHAFT, ROCKER ARMS AND VALVES
CODE 1403 FLYWHEEL HOUSING, SAE NO. 3
CODE 1404 FLYWHEEL HOUSING, SAE NO. 4
CODE 1405 FLYWHEEL HOUSING, SAE NO. 2
CODE 1410 FLYWHEEL HOUSING, FOR TORQUE CONVERTOR

T64534



T64534F

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R54565	PLUG	2		
2	R54987	SHAFT	1		(SUB DD12120)
3	T20316	WASHER	2		
4	T20314	SPRING	3		
5	T32213	SCREW	8		(SUB AR103769)
6	AR103769	KIT	8		(SUB FOR AT31250)
7	R42729	WASHER	4		
8	19H1733	CAP SCREW	4		3/8" X 2-1/2"
9	T20315	SUPPORT	4		
10	T20129	CAP	8		
11	T20077	RETAINER	16		
12	T20176	CAP	4		(4239D)
	RE11410	GUIDE	8		(4239T) (SUB FOR AR41006, THIS APPLICATION)
13	R26125	SPRING	8		
14	T20310	PUSH ROD	8		
15	R52251	INTAKE VALVE	4		STANDARD STEM (4239D)
	R57332	INTAKE VALVE	AR		0.076 MM (.003") OVERSIZE STEM (4239D)
	R57334	INTAKE VALVE	AR		0.381 MM (.015") OVERSIZE STEM (4239D)
	R57336	INTAKE VALVE	AR		0.762 MM (.030") OVERSIZE STEM (4239D)
	R51735	VALVE	4		STANDARD STEM (4239T)
	R57426	INTAKE VALVE	AR		0.076 MM (.003") OVERSIZE STEM (4239T)
	R57427	INTAKE VALVE	AR		0.381 MM (.045") OVERSIZE STEM (4239T)
	R57428	INTAKE VALVE	AR		0.762 (.030") OVERSIZE STEM (4239T)
16	T20073	TAPPET	8		
17	T20071	DRIVE SHAFT	1		(USE WITH SAE NO. 4 FLYWHEEL HOUSING) (1404)

THIS PARTS LISTING IS CONTINUED

OEM ENGINES AND ACCESSORIES - 4239D AND 4239T

PC-3153 (02-SEP-83)

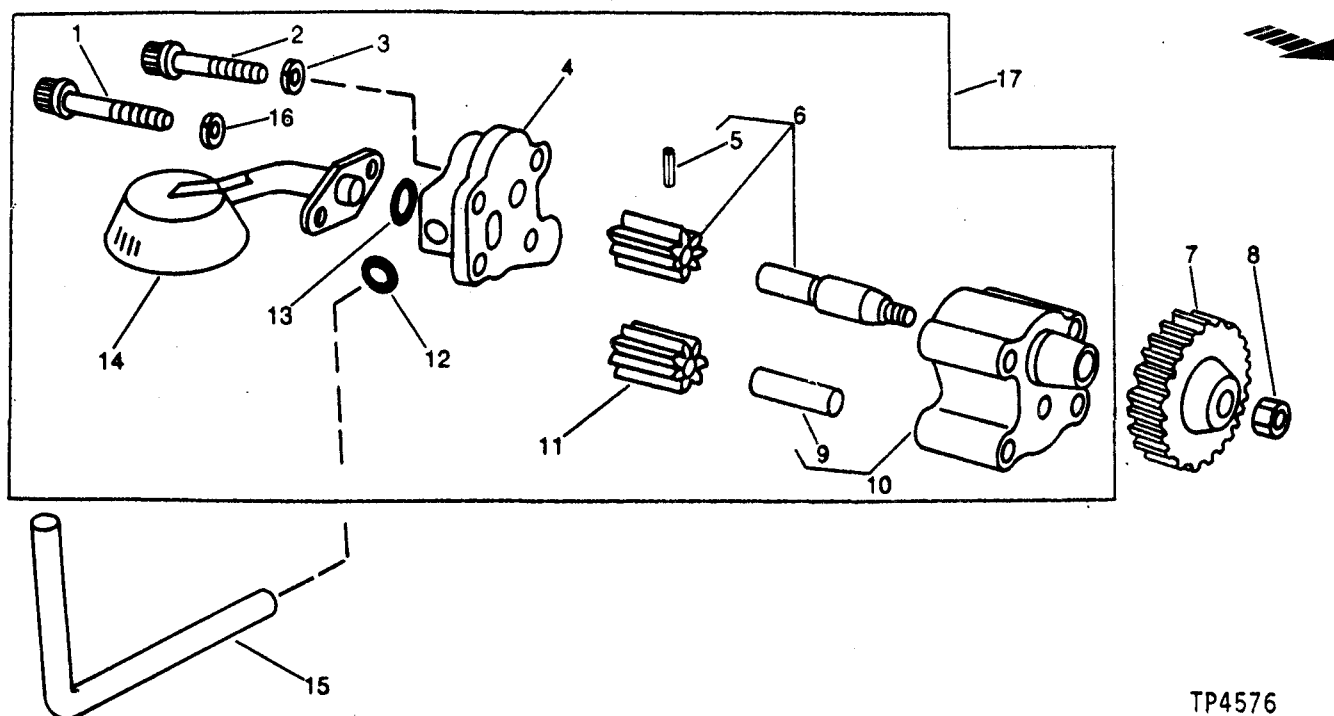
LITHO IN U.S.A.

CAMSHAFT, ROCKER ARMS, AND VALVES-CONTINUED
CODE 1403 FLYWHEEL HOUSING, SAE NO. 3
CODE 1404 FLYWHEEL HOUSING, SAE NO. 4
CODE 1405 FLYWHEEL HOUSING, SAE NO. 2
CODE 1410 FLYWHEEL HOUSING, FOR TORQUE CONVERTOR

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
18	R52252	EXHAUST VALVE	4		
	R57333	EXHAUST VALVE	AR		0.076 MM (.003") OVERSIZE STEM
	R57335	EXHAUST VALVE	AR		0.381 MM (.015") OVERSIZE STEM
	R57337	EXHAUST VALVE	AR		0.762 MM (.030") OVERSIZE STEM
19	T28041	SHAFT KEY	1		
20	AT18049	CAMSHAFT	1		(MARKED T20013) (USE WITH SAE NO. 4 FLYWHEEL HOUSING)
21	T20070	GEAR	1		(SUB AT18049, AT20830 OR AR79623)
22	19H1731	CAP SCREW	2		3/8" X 1"
23	T20072	PLATE	1		
24	T22535	SHAFT	1		(12 TEETH) (USE WITH SAE NO. 2 FLYWHEEL HOUSING) (1405)
	T22535	SHAFT	1		(12 TEETH) (USE WITH SAE NO. 3 FLYWHEEL HOUSING) (1403)
	T22535	SHAFT	1		(12 TEETH) (USE WITH FLYWHEEL HOUSING FOR TORQUE CONVERTOR)
25	DD12120	KIT	1		(INCLUDES ONE ROCKER ARM SHAFT AND TWO PLUGS)
26	AT20830	CAMSHAFT	1		(MARKED T20013) (USE WITH SAE NO. 2 OR NO. 3 FLYWHEEL HOUSING)
	AT20830	CAMSHAFT	1		(MARKED T20013) (USE WITH CODE 1403, 1405 AND 1410)
27	AR79623	CAMSHAFT	1		(MARKED T20014) (USE WITH CODE 1403, 1404, 1405 AND 1410)

ENGINE OIL PUMP (4239D)

TP4576



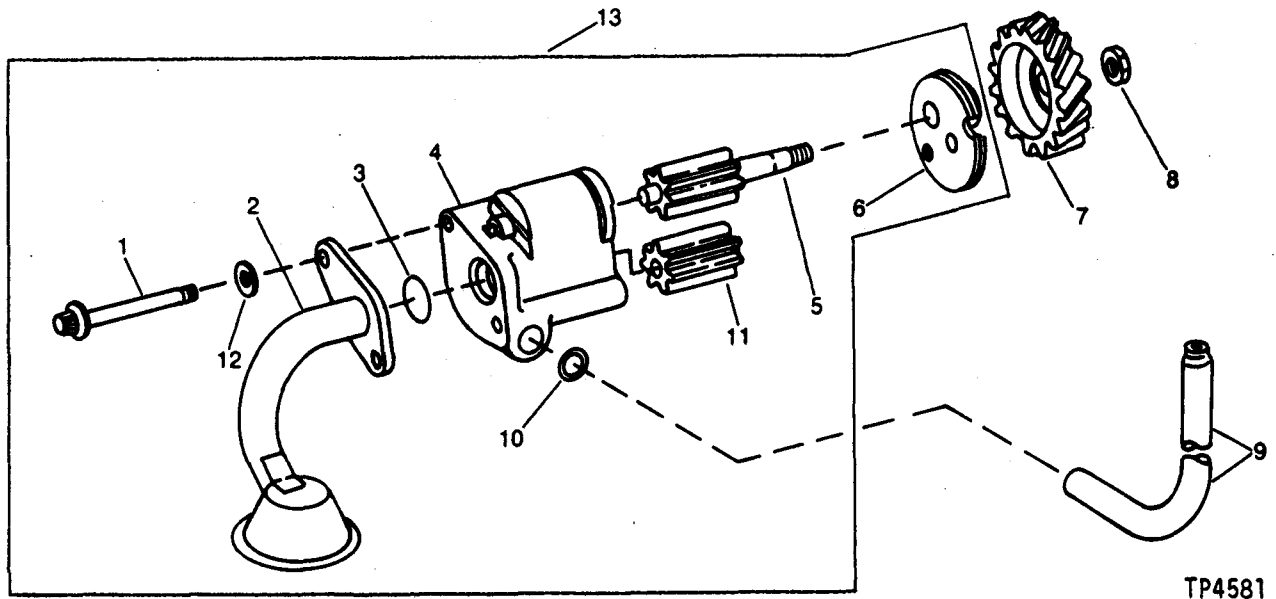
TP4576

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R74552	CAP SCREW	2		(A) (SUB FOR R59409) (ALSO ORDER R74553)
	R59409	CAP SCREW	2		(A)
2	R57059	CAP SCREW	2		
3	12H304	LOCK WASHER	2		3/8"
4	R53382	COVER	1		
5	M3853T	GROOVE PIN	1		3/16" X 7/8"
6	AR62978	PINION	1		
7	T20298	GEAR	1		(33 TEETH)
8	14H826	NUT	1		1/2"
9	T20091	DOWEL PIN	1		(SUB AR62979)
10	AR62979	HOUSING	1		
11	R54614	GEAR	1		(7 TEETH)
12	R74354	O-RING	1		(SUB FOR R27166, THIS APPLICATION)
13	R61871	O-RING	1		(SUB FOR A4730R, THIS APPLICATION)
14	AR60701	OIL PUMP INTAKE	1		
15	T20050	OIL TUBE	1		OUTLET
16	12H304	LOCK WASHER	2		3/8", (USE WITH R59409)
	R74553	WASHER	2		(USE WITH R74552)
17	AR67074	OIL PUMP	1		(A)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

ENGINE OIL PUMP (4239T)

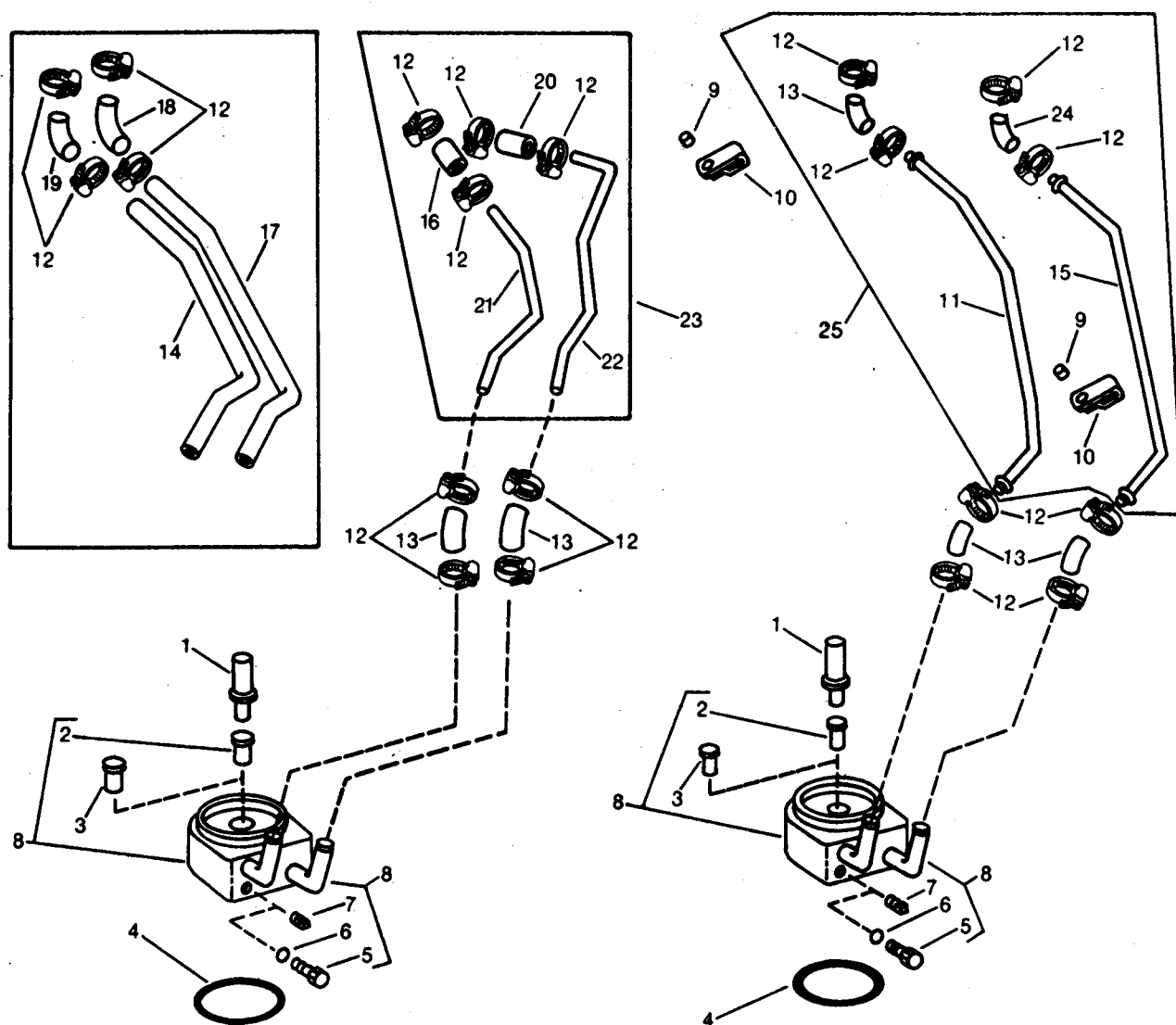
TP4581



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R74552	CAP SCREW	2		(A) (SUB FOR R59409) (ALSO ORDER R74553)
	R59409	CAP SCREW	2		(A)
2	AR68370	OIL PUMP INTAKE	1		
3	R61871	O-RING	1		(SUB FOR A4730R, THIS APPLICATION)
4	AR63037	HOUSING	1		
5	AR85788	SHAFT	1		(SUB FOR AR63038) (ALSO ORDER R66177)
6	R54632	COVER	1		
7	T20298	GEAR	1		(33 TEETH)
8	14H826	NUT	1		1/2"
9	R62664	OIL LINE	1		
10	R77052	O-RING	1		(SUB FOR R64186)
11	R66177	GEAR	1		(7 TEETH) (SUB FOR R54631) (ALSO ORDER AR85788)
12	12H304	LOCK WASHER	2		3/8", (USE WITH R59409)
	R74553	WASHER	2		(USE WITH R74552)
13	AR79463	OIL PUMP	1		

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

TP9658



THIS PARTS LISTING IS CONTINUED

OEM ENGINES AND ACCESSORIES - 4239D AND 4239T PC-3153 (02-SEP-83) LITHO IN U.S.A.

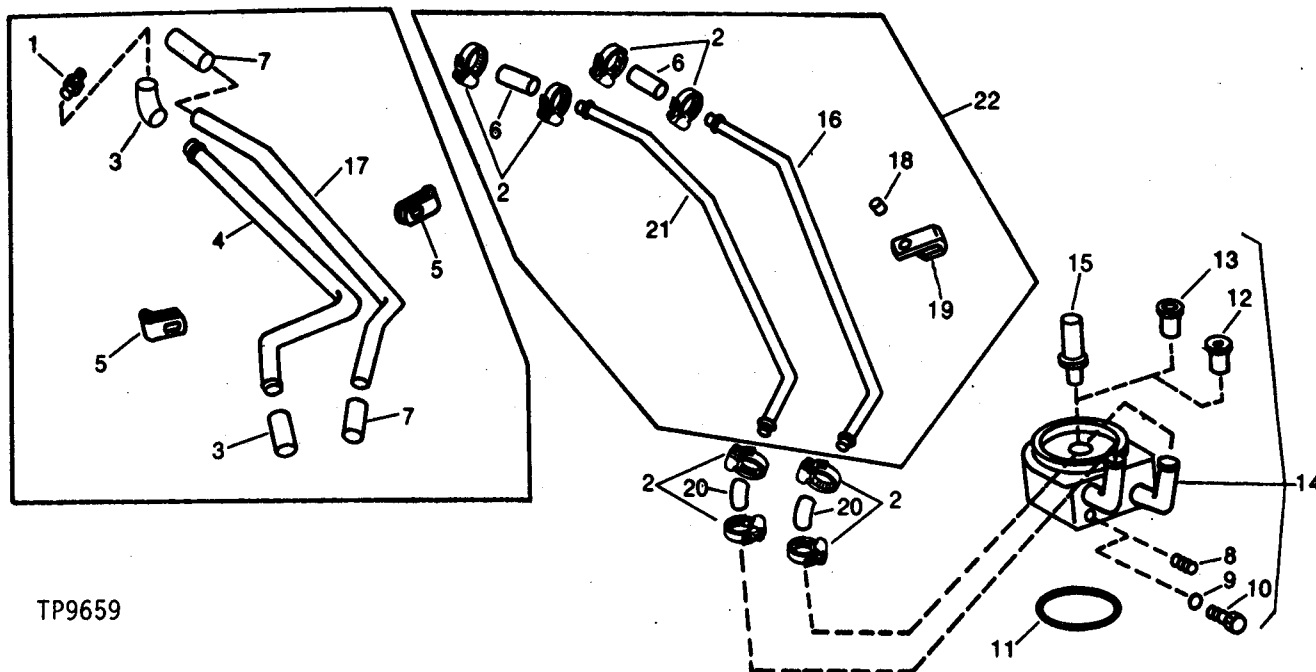
ENGINE OIL COOLER-CONTINUED
(4239D)
CODE 5902 ENGINE OIL COOLER, STANDARD POSITION WATER PUMP
CODE 5904 ENGINE OIL COOLER, HIGH POSITION WATER PUMP

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T31306	THREADED NIPPLE	1		
2	AT31093	VALVE	1		(USE WITH AR64415)
	R77332	RELIEF VALVE	1		(USE WITH RE10869)
3	AR98853	VALVE	1		(USE WITH AR98852)
4	R70956	WASHER	1		(SUB FOR R55434)
5	15M2714	DRAIN PLUG	1		10 MM X 1 MM, (USE WITH AR98852)
6	51M7012	WASHER	1		(SUB FOR CD15227) (USE WITH AR98852)
7	R56947	DRAIN PLUG	1		(USE WITH AR64415 AND RE10869)
8	RE10869	OIL COOLER	1		(A) (MODINE) (SUB FOR AR64415)
	AR98852	OIL COOLER	1		(A) (BEHR)
9	T20280	WASHER	1	498386-	
10	R53524	CLAMP	1	498386-	
11	R73609	TUBE	1	498386-	(CODE 5904) UPPER
12	AR21837	CLAMP	8		
13	R55127	HOSE	2		(CODE 5902)
	R55127	HOSE	3	498386-	(CODE 5904)
14	R55125	PIPE	1	-498385	UPPER
15	R73610	TUBE	1	498386-	(CODE 5904) LOWER
16	R70608	HOSE	1	498386-	(CODE 5902)
17	R55126	PIPE	1	-498385	LOWER
18	R48989	HOSE	1	-498385	
19	T22942	HOSE	1	-498385	
20	R55401	HOSE	1	498386-	(CODE 5902)
21	R73602	TUBE	1	498386-	(CODE 5902) UPPER
22	R73603	TUBE	1	498386-	(CODE 5902) LOWER
23	AR103053	KIT	1	498386-	(CODE 5902) WATER PUMP CONVERSION
24	R70438	HOSE	1	498386-	(CODE 5904)
25	AR103056	KIT	AR		(CODE 5904) WATER PUMP CONVERSION

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

**ENGINE OIL COOLER
(4239T)
CODE 5906 ENGINE OIL COOLER, STANDARD POSITION WATER PUMP**

TP9659



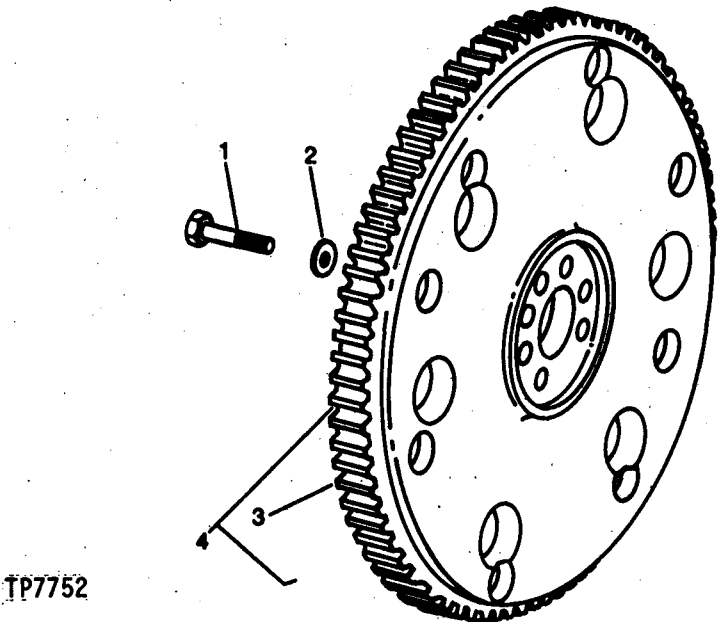
TP9659

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R61452	FITTING	1	-498385	
2	AR21837	CLAMP	8		
3	T22942	HOSE	2	-498385	
4	R61451	PIPE	1	-498385	WATER, OIL COOLER TO CYLINDER BLOCK
5	R64212	HALF CLAMP	2	-498385	
6	R55401	HOSE	2	498386-	(16MM X 64MM)
7	R55401	HOSE	2	-498385	64 MM (41-/64" I.D. X 2-1/2")
8	R56947	DRAIN PLUG	1		(USE WITH AR64415 AND RE10869)
9	51M7012	WASHER	1		(SUB FOR CD15227) (USE WITH AR98852)
10	15M2714	DRAIN PLUG	1		10 MM X 1 MM, (USE WITH AR98852)
11	R70956	WASHER	1		(SUB FOR R55434)
12	AR98853	VALVE	1		(USE WITH AR98852)
13	AT31093	VALVE	1		(USE WITH AR64415)
14	R77332	RELIEF VALVE	1		(USE WITH RE10869)
14	RE10869	OIL COOLER	1		(A) (MODINE) (SUB FOR AR64415)
	AR98852	OIL COOLER	1		(A) (BEHR)
15	T31306	THREADED NIPPLE	1		
16	R73610	TUBE	1	498386-	OIL COOLER TO WATER PUMP
17	R61450	PIPE	1	-498385	WATER, WATER PUMP TO OIL COOLER
18	T20280	WASHER	1	498386-	
19	R53524	CLAMP	1	498386-	
20	R55127	HOSE	2	498386-	
21	R73609	TUBE	1	498386-	OIL COOLER TO WATER PUMP
22	AR103056	KIT	AR		WATER PUMP CONVERSION

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

ENGINE FLYWHEEL
CODE 1518 FLYWHEEL
(USE WITH TORQUE CONVERTOR)

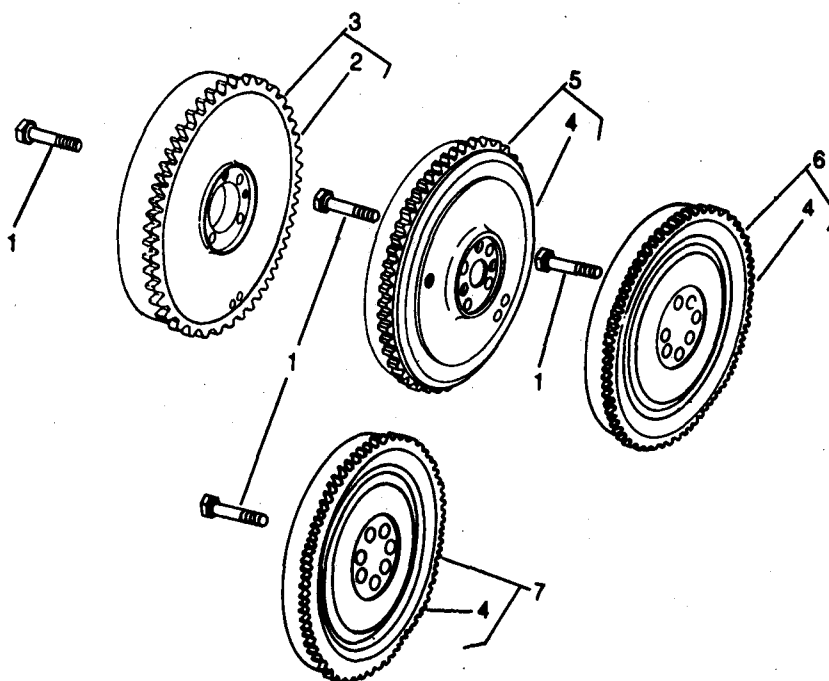
TP7752



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	19H2993	CAP SCREW	4		HS, SAE 8, 1/2" X 1-1/2"
2	T23891	WASHER	4		
3	R28811	GEAR	1		(129 TEETH)
4	AR104682	FLYWHEEL	1		(MARKED R76740)

ENGINE FLYWHEEL
CODE 1501 FLYWHEEL, 10" (254MM) OVERCENTER CLUTCH, 10" (254MM)
CODE 1503 FLYWHEEL, DAMPER TYPE CLUTCH
CODE 1505 FLYWHEEL, OVERCENTER CLUTCH, 11-1/2" (292MM)

TP9660



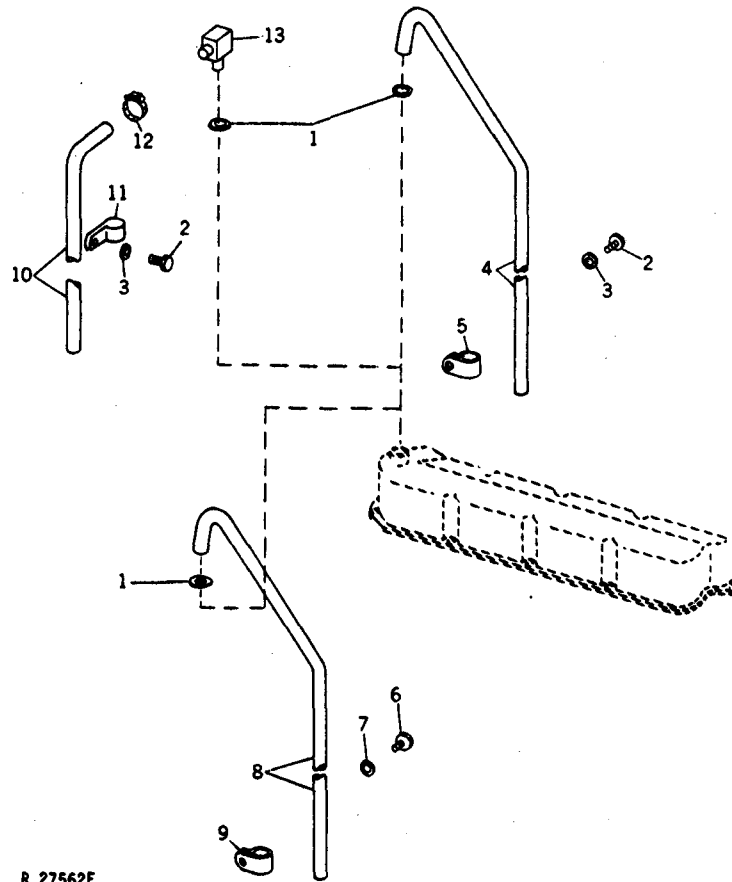
TP9660

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H2993	CAP SCREW	4		HS, SAE 8, 1/2" X 1-1/2"
	19H2473	CAP SCREW	4		HS, SAE 8, 1/2" X 1-3/4"
2	T20088	GEAR	1		(142 TEETH) (1501)
3	AT18132	FLYWHEEL	1		(A) (1501)
	AT30260	FLYWHEEL	1		(A) (1501)
4	R28811	GEAR	1		(129 TEETH) (1503)
	R28811	GEAR	1		(129 TEETH) (1505)
	R28811	GEAR	1		(129 TEETH) (1502)
5	AT25473	FLYWHEEL	1		(1502)
6	RE10027	FLYWHEEL	1		(1503) (SUB FOR AT30429)
7	AR70612	FLYWHEEL	1		(1505)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

ENGINE VENTILATING SYSTEM
CODE 2901 VENTILATOR TUBE, R.H.
CODE 2902 VENTILATOR SYSTEM, FLEXIBLE
CODE 2903 VENTILATOR TUBE, L.H.

R27562



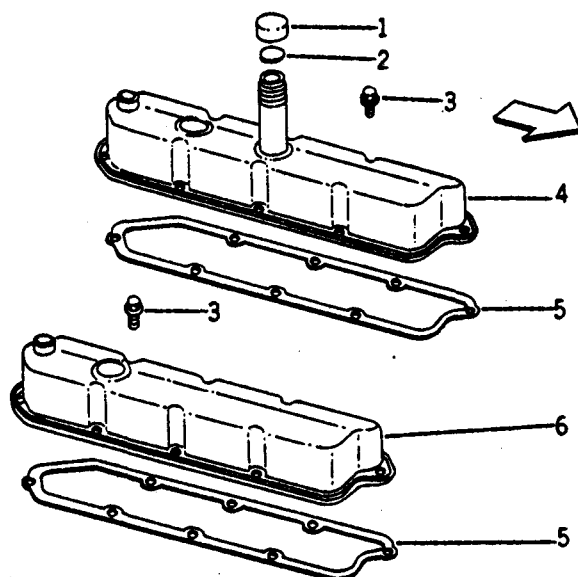
R 27562F

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R56463	O-RING	1		(SUB FOR R495R, THIS APPLICATION)
2	19H2038	CAP SCREW	1		3/8" X 1/2", (2901)
	19H2038	CAP SCREW	1		3/8" X 1/2", (2902)
3	24H1303	WASHER	1		13/32" X 11/16" X 0.060", (2901)
	24H1303	WASHER	1		13/32" X 11/16" X 0.060", (2902)
4	T28207	TUBE	1		(2901)
5	R40791	CLAMP	1		(2901)
6	19H1813	CAP SCREW	1		5/16" X 5/8", (2903)
7	24H1685	WASHER	1		11/32" X 3/4" X 0.075", (2903)
8	T20074	TUBE	1		(2903)
9	R40791	CLAMP	1		
10	H36031	HOSE	1		914 MM (3/4" X 36") (2902)
11	A4773R	CLAMP	1		(2902)
12	AR21839	CLAMP	1		(A) (2902)
	AT18904	CLAMP	1		(A) (2902) (SUB FOR AR89478, THIS APPLICATION)
13	AT25192	FITTING	1		90° (2902)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

**ROCKER ARM COVER
(4239D)**
CODE 1101 ROCKER ARM COVER, CENTER FILLER
CODE 1102 ROCKER ARM COVER, NO FILLER

T64535



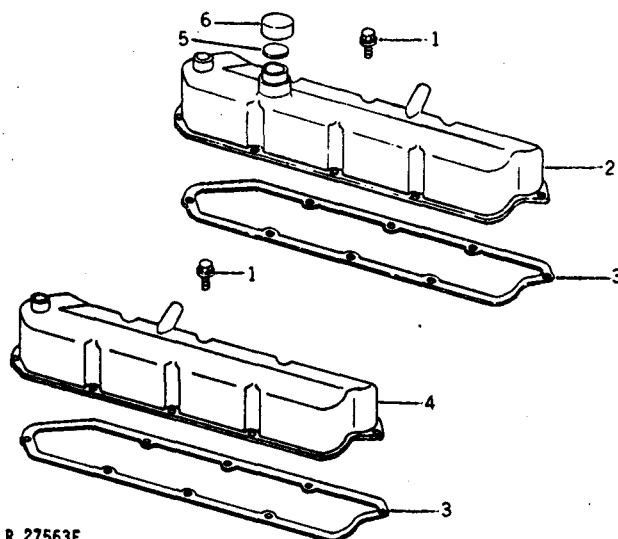
T64535F

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20294	FILLER CAP	1		CODE 1101
2	T20328	GASKET	1		CODE 1101
3	AR45530	SCREW, WITH WASHER	8	-539556	(SUB AR100124, THIS APPLICATION)
	AR100124	SCREW, WITH WASHER	8	539557-	
4	AT30695	COVER	1		(A) CODE 1101
	AT22843	COVER	1		(A) CODE 1101
5	R68277	LABEL	1	-539556	(A) (SUB FOR T20075, THIS APPLICATION) (SUB AR100596 AND (B) AR100124)
	AR100596	GASKET	1	539557-	(A)
	R73521	GASKET	1	539557-	(A)
6	AT18015	COVER	1		CODE 1102

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

ROCKER ARM COVER
(4239T)
CODE 1102 ROCKER ARM COVER, NO FILLER
CODE 1104 ROCKER ARM COVER, FRONT FILLER

R27563



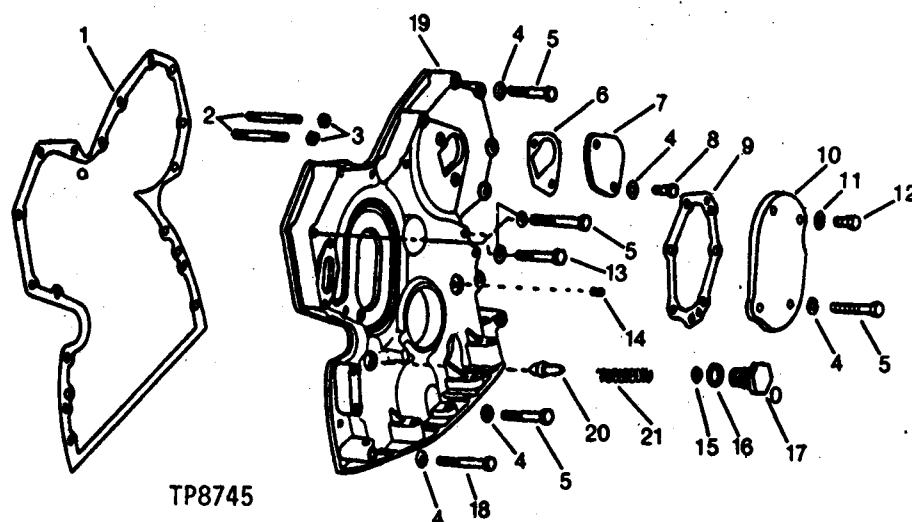
R 27563F

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR45530	SCREW, WITH WASHER	8	-539556	(SUB AR100124, THIS APPLICATION)
2	AR100124	SCREW, WITH WASHER	8	539557-	CODE 1104
3	R68277	LABEL	1	-539556	(A) (SUB FOR T20075, THIS APPLICATION) (SUB R73521 AND (8) AR100124)
	R73521	GASKET	1	539557-	(A)
	AR100596	GASKET	1	539557-	(A)
4	AT28926	COVER	1		1102
5	T20328	GASKET	1		CODE 1104
6	T20294	FILLER CAP	1		CODE 1104

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

TIMING GEAR COVER

TP8745



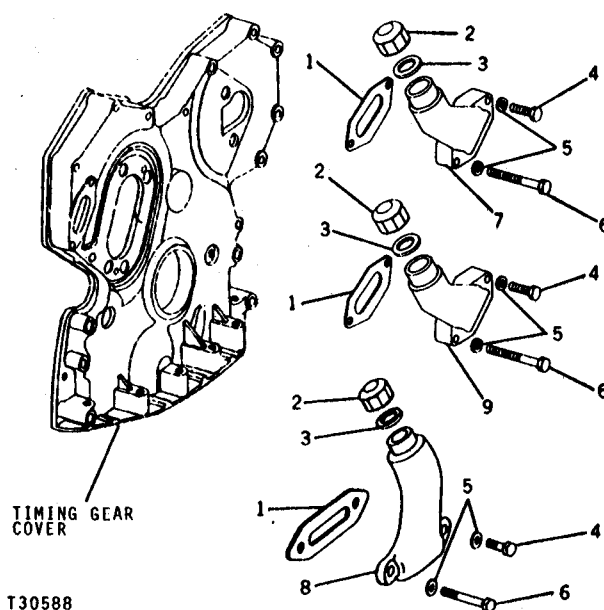
TP8745

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20155	GASKET	1		
2	T33279	STUD	2		
3	14H812	NUT	2		3/8"
4	24H1304	WASHER	17		13/32" X 23/32" X 0.120"
5	19H1801	CAP SCREW	10		3/8" X 2"
6	R69260	GASKET	1		(SUB FOR T20364)
7	T20362	COVER	1		INJECTION PUMP GEAR
8	19H2284	CAP SCREW	2		3/8" X 7/8"
9	T20273	GASKET	1		
10	T20272	COVER	1		
11	24H1304	WASHER	3		13/32" X 23/32" X 0.120"
12	19H2284	CAP SCREW	3		3/8" X 7/8"
13	19H2128	CAP SCREW	2		3/8" X 3"
14	15H275	PIPE PLUG	1		1/4"
15	24H1290	WASHER	AR		21/64" X 3/4" X 0.036"
16	A4827R	WASHER	1		ALUMINUM
17	T27657	FITTING	1		
18	19H1733	CAP SCREW	2		3/8" X 2-1/2"
19	AR58196	COVER	1		(A) (MARKED R52880) (ALSO ORDER T20272, T20273, (3) 19H2284, 19H1726, (4) 24H1304 AND 15H275)
	AR97707	COVER	1		(A)
20	R51516	VALVE	1		OIL PRESSURE RELIEF
21	T27658	SPRING	1		

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

ENGINE OIL FILLER INLET
CODE 1201 OIL FILLER INLET, MEDIUM LENGTH
CODE 1202 OIL FILLER INLET, LONG LENGTH
CODE 1203 OIL FILLER INLET, SHORT LENGTH

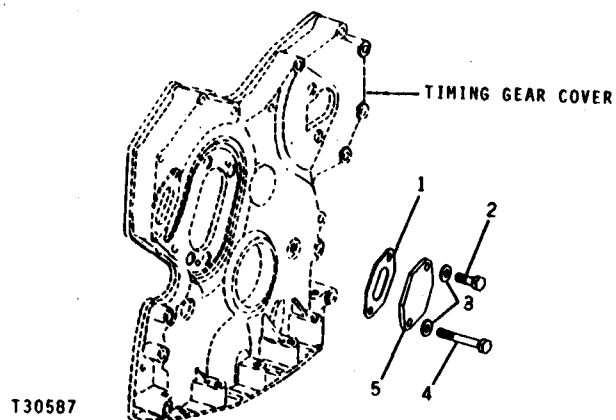
T30588



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20336	GASKET	1		
2	T20294	FILLER CAP	1		
3	T20328	GASKET	1		
4	19H2665	CAP SCREW	1		3/8" X 1-5/8"
5	24H1304	WASHER	2		13/32" X 23/32" X 0.120"
6	19H2128	CAP SCREW	1		3/8" X 3"
7	T23614	FILLER NECK	1		CODE 1201
8	T24192	FILLER NECK	1		CODE 1202
9	T20335	FILLER NECK	1		CODE 1203

**ENGINE OIL FILLER INLET COVER
CODE 1200 OIL FILLER COVER**

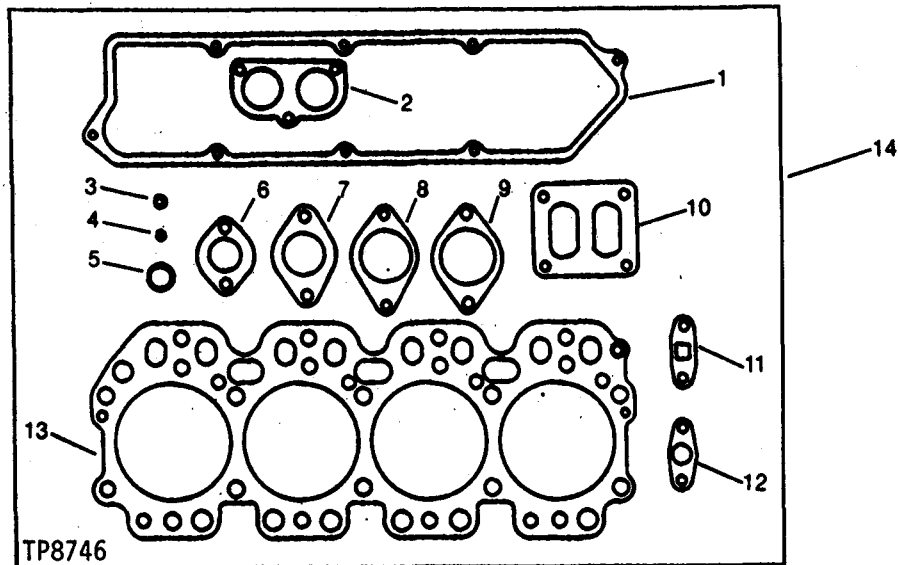
T30587



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20336	GASKET	1		
2	19H2284	CAP SCREW	1		3/8" X 7/8"
3	24H1304	WASHER	2		13/32" X 23/32" X 0.120"
4	19H1726	CAP SCREW	1		3/8" X 2-1/4"
5	T23260	COVER	1		

ENGINE TUNE-UP GASKET SET

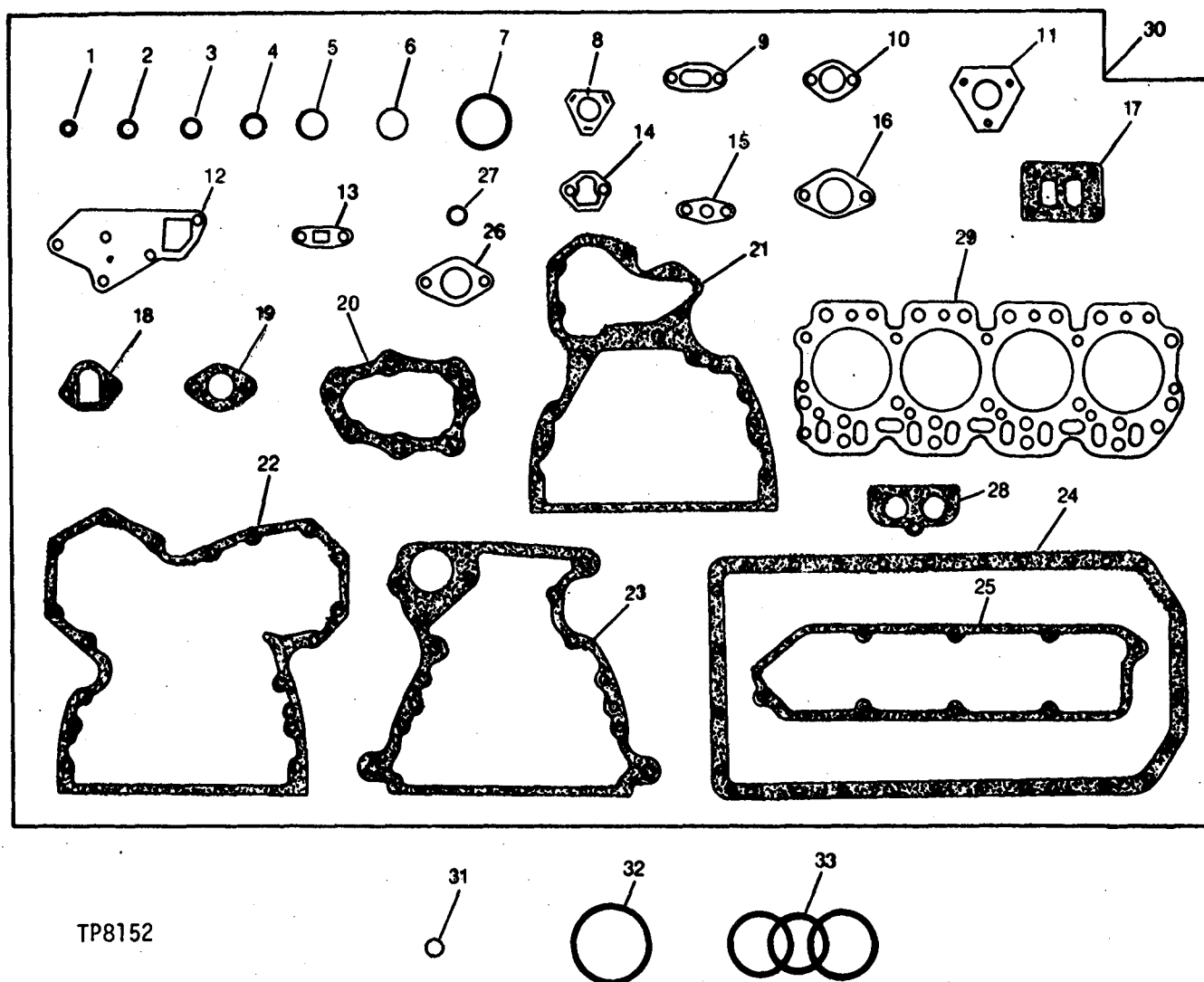
TP8746



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R73521	GASKET	1		ROCKER ARM COVER, (SUB FOR T20075 AND R68277, THIS APPLICATION)
2	R54638	GASKET	1		THERMOSTAT COVER
3	R60746	WASHER	4		INJECTION NOZZLE, UPPER
4	R48000	WASHER	4		INJECTION NOZZLE, LOWER
5	R56463	O-RING	1		(SUB FOR R495R, THIS APPLICATION)
6	T20219	GASKET	1		THERMOSTAT HOUSING
7	T20006	GASKET	4		EXHAUST MANIFOLD
8	T20215	GASKET	1		THERMOSTAT COVER
9	T20159	GASKET	1		AIR INLET
10	R55509	GASKET	1		TURBOCHARGER
11	R43416	GASKET	1		TURBOCHARGER, OIL OUTLET
12	R43413	GASKET	1		TURBOCHARGER, OIL INLET
13	R59448	GASKET	1		CYLINDER HEAD
14	AR71992	GASKET KIT	AR	-539556	(SUB AR100426 AND (8) AR100124)
	AR100426	GASKET KIT	AR	539557-	

ENGINE OVERHAUL GASKET SET

TP8152



TP8152

THIS PARTS LISTING IS CONTINUED

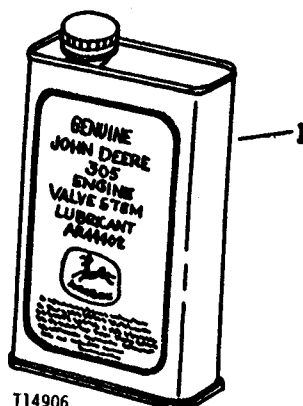
OEM ENGINES AND ACCESSORIES - 4239D AND 4239T PC-3153 (02-SEP-83) LITHO IN U.S.A.

ENGINE OVERHAUL GASKET SET-CONTINUED

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48000	WASHER	4		FUEL INJECTION NOZZLE, LOWER
	R34764	WASHER	4		FUEL INJECTION NOZZLE, UPPER
2	T20304	WASHER	1		TACHOMETER, DRIVE SHAFT
3	T13213	WASHER	1		OIL DRAIN PLUG
4	T20328	GASKET	1		OIL FILLER CAP
5	R56463	O-RING	1		VENT TUBE, (SUB FOR R495R, THIS APPLICATION)
6	R74354	O-RING	1		OIL PUMP TUBE OUTLET, (SUB FOR R27166, THIS APPLICATION)
7	R70956	WASHER	1		OIL COOLER, (SUB FOR R55434)
8	R77126	GASKET	1		INJECTION PUMP, (WITH ROTO-DIESEL INJECTION PUMP) (SUB FOR T24460)
9	R43416	GASKET	1		TURBOCHARGER, OIL OUTLET
10	T20219	GASKET	1		THERMOSTAT HOUSING
11	R77126	GASKET	1		(WITH ROTO-DIESEL INJECTION PUMP)
12	T20243	GASKET	1		WATER PUMP COVER
13	T20336	GASKET	1		OIL FILLER INLET
14	R27285	GASKET	1		FUEL PUMP
15	R43413	GASKET	1		TURBOCHARGER, OIL INLET
16	T20159	GASKET	1		AIR INLET
17	R55509	GASKET	1		TURBOCHARGER
18	R69260	GASKET	1		(SUB FOR T20364)
19	T20006	GASKET	4		EXHAUST MANIFOLD
20	T20273	GASKET	1		TIMING GEAR COVER OPENING COVER
21	R73140	GASKET	1		CYLINDER BLOCK PLATE, (SUB FOR T24965)
22	T20155	GASKET	1		TIMING GEAR COVER
23	R70483	GASKET	1		FLYWHEEL HOUSING, (SUB FOR R49516, THIS APPLICATION)
24	R49515	GASKET	1		(WITH CAST OIL PAN)
	T24535	GASKET	1		(WITH STEEL OIL PAN)
25	R73521	GASKET	1		ROCKER ARM COVER, (SUB FOR T20075 AND R68277, THIS APPLICATION)
26	T20215	GASKET	1		THERMOSTAT COVER
27	R60746	WASHER	4		FUEL INJECTION NOZZLE, UPPER
28	R54638	GASKET	1		THERMOSTAT COVER
29	R59448	GASKET	1		CYLINDER HEAD
30	AR97178	GASKET KIT	AR	-539556	(SUB FOR AR71998) (ALSO ORDER (4) AR65507 O-RING KITS, AR67942 OIL SEAL AND AR92893 OIL SEAL)
	AR100424	GASKET KIT	AR	539557-575617	(ALSO ORDER (4) AR65507 O-RING KITS, AR67942 OIL SEAL AND AR92893 OIL SEAL)
	RE12459	GASKET KIT	AR	575618-	(ALSO ORDER (4) AR65507 O-RING KITS, AR67942 OIL SEAL AND AR92893 OIL SEAL)
31	R61871	O-RING	1		OIL PUMP INTAKE, (SUB FOR A4730R, THIS APPLICATION)
32	R53543	O-RING	1		OIL COOLER
33	AR65507	O-RING KIT	4		O-RING CYLINDER LINER, (SUB FOR AR68318)

ENGINE VALVE STEM LUBRICANT

T14906



T14906

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR44402	OIL	1		.95L (1 QT.) CAN

STOP LEAK AND COOLANT CONDITIONER

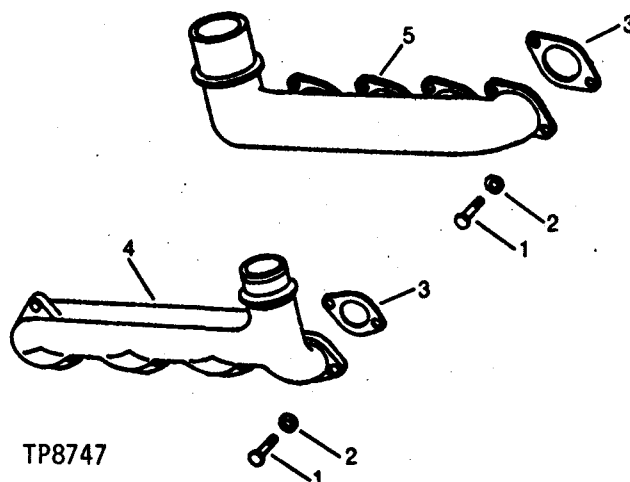
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
..	RE12842	COOLANT	1		.91 KG (.32 OZ.) (SUB FOR T19566) (NOT ILLUSTRATED)
..	T11847	SEALANT	1		(NOT ILLUSTRATED) (NO LONGER AVAILABLE)

MEMORANDA

EXHAUST MANIFOLD
(4239D)

CODE 2802 EXHAUST MANIFOLD, REAR VERTICAL
CODE 2803 EXHAUST MANIFOLD, FRONT VERTICAL

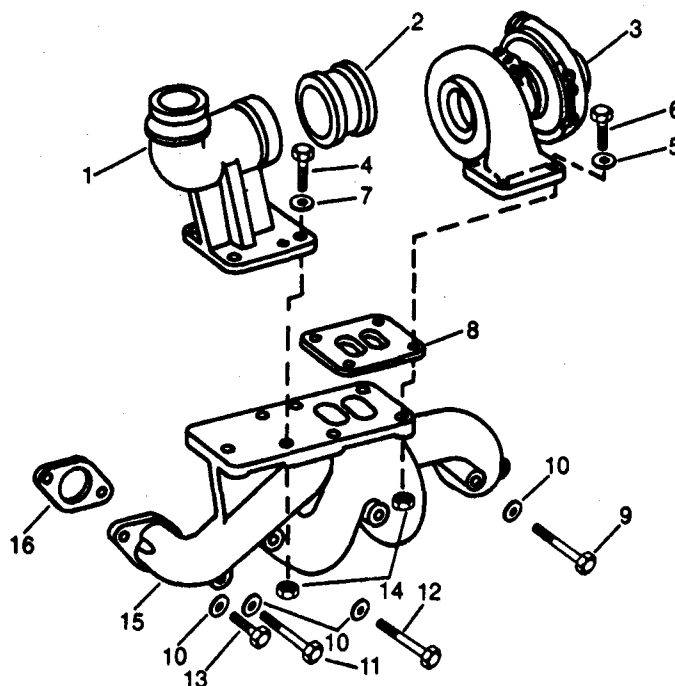
TP8747



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H1732	CAP SCREW	8		3/8" X 1-1/4"
2	24H1304	WASHER	8		13/32" X 23/32" X 0.120"
3	T20006	GASKET	4		
4	T20249	EXHAUST MANIFOLD	1		CODE 2803
5	T20200	MANIFOLD	1		CODE 2802

EXHAUST MANIFOLD, ELBOW AND TURBOCHARGER (4239T)

T72655

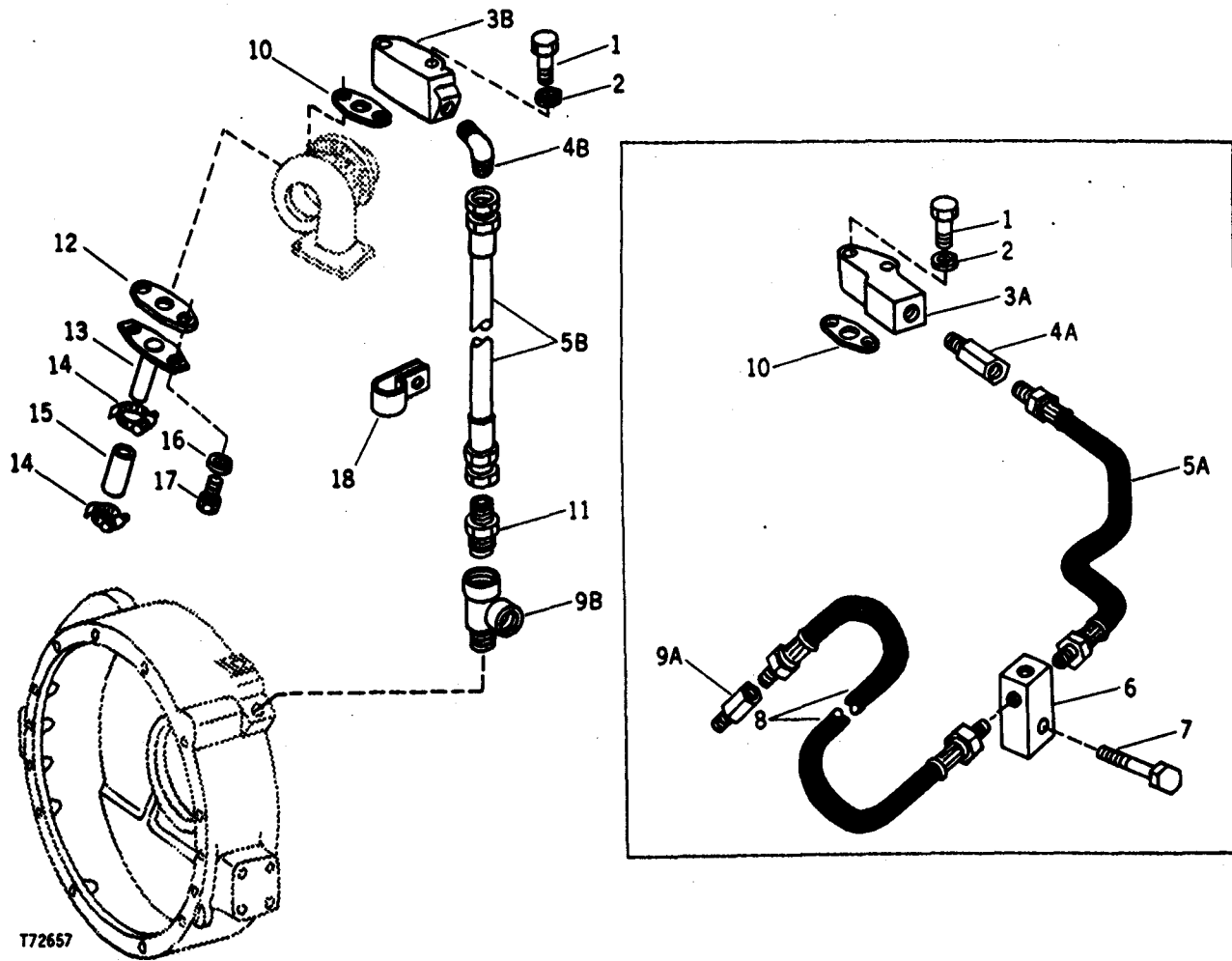


T72655

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R57270	ELBOW	1		
2	R43724	ADAPTER	1		
3	AR75757	TURBOCHARGER	1		
4	19H1800	CAP SCREW	3		3/8" X 1-1/2"
5	24H1305	WASHER	3		13/32" X 13/16" X 0.060"
6	19H246	CAP SCREW	4		3/8" X 1-3/4"
7	24H1305	WASHER	4		13/32" X 13/16" X 0.060"
8	R55509	GASKET	1		
9	19H1925	CAP SCREW	2		3/8" X 4-1/4"
10	24H1304	WASHER	8		13/32" X 23/32" X 0.120"
11	19H2228	CAP SCREW	1		3/8" X 4"
12	19H2104	CAP SCREW	2		3/8" X 5"
13	19H1732	CAP SCREW	3		3/8" X 1-1/4"
14	14H812	NUT	7		3/8"
15	R52819	EXHAUST MANIFOLD	1		
16	T20006	GASKET	4		

TURBOCHARGER OIL LINES (4239T)

T72657



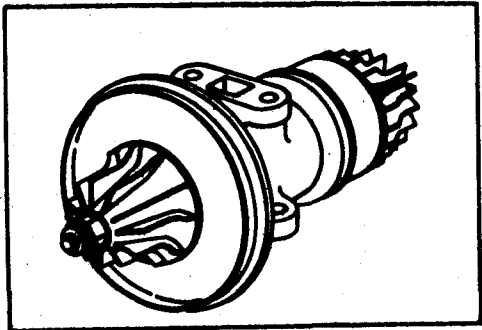
THIS PARTS LISTING IS CONTINUED

**TURBOCHARGER OIL LINES-CONTINUED
(4239T)**

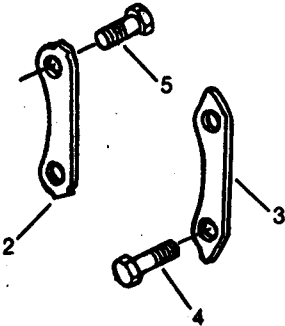
KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H1875	CAP SCREW	2		5/16" X 1-3/4"
2	12H303	LOCK WASHER	2		5/16"
3A	R43928	ADAPTER	1	-401973	
	R56256	ADAPTER	1	-401973	(DOES NOT REQUIRE T18433 ADAPTER)
3B	T30199	ADAPTER	1	401974-	
4A	T18433	ADAPTER	1	-401973	
4B	T24945	ELBOW	1	401974-	45°
5A	E12913	HYDRAULIC HOSE	1	-401973	584 MM (1/4" X 23")
5B	AR78832	HYDRAULIC HOSE	1	401974-	812 MM (1/4" X 32")
6	R54549	FITTING	1	-401973	
7	19H1819	CAP SCREW	1	-401973	3/8" X 2-1/8"
8	AT28299	HYDRAULIC HOSE	1	-401973	381 MM (1/4" X 15")
9A	T18433	ADAPTER	1	-401973	
9B	T19158	TEE FITTING	1	401974-	
10	R43413	GASKET	1		
11	R27346	FITTING	1		
12	R43416	GASKET	1		
13	AR87812	ADAPTER	1		(SUB FOR AR67500, THIS APPLICATION)
14	AR21837	CLAMP	2		
15	R76974	HOSE	1		(SUB FOR R26905, THIS APPLICATION)
16	12H304	LOCK WASHER	2		3/8"
17	19H2284	CAP SCREW	2		3/8" X 7/8"
18	R46414	CLAMP	1	401974-	

**TURBOCHARGER CENTER HOUSING KIT
(4239T)**

TP8748



TP8748

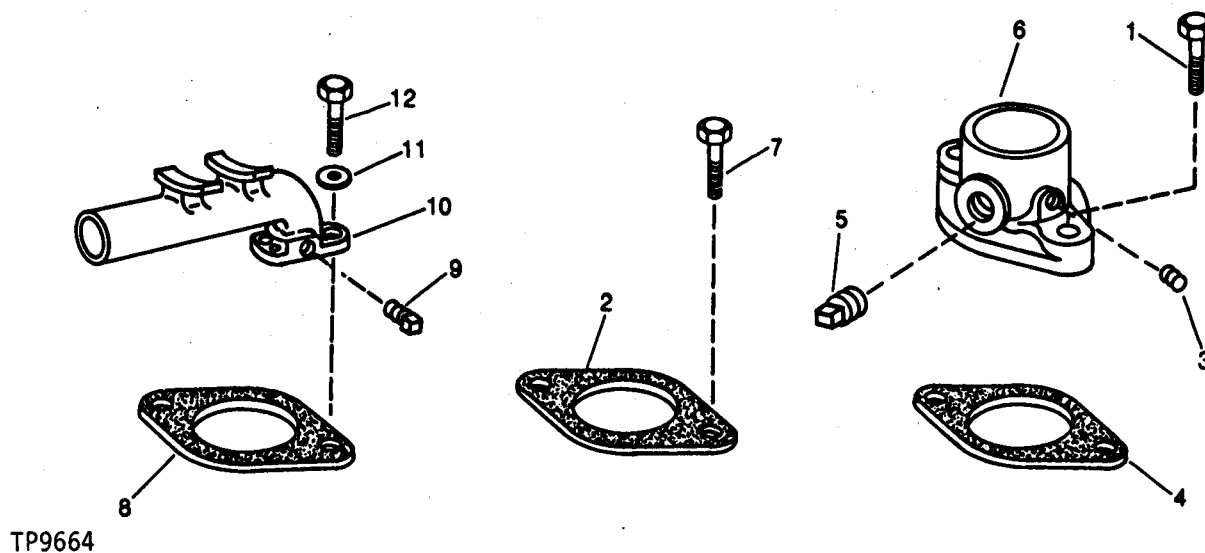


KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR70440	KIT	AR		(A) TURBOCHARGER CENTER HOUSING
	DD13824	KIT	AR		(A) TURBOCHARGER CENTER HOUSING, WITH LOCK PLATES
2	R48710	LOCK PLATE	3		
3	R43815	LOCK PLATE	3		
4	R43819	CAP SCREW	6		
5	19H2020	CAP SCREW	6		5/16" X 1/2"

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

AIR INLET
(4239D)
1700 NO AIR INLET
1703 AIR INLET, SHORT LENGTH
1709 AIR INTAKE WITH CLEANER MOUNTING PAD

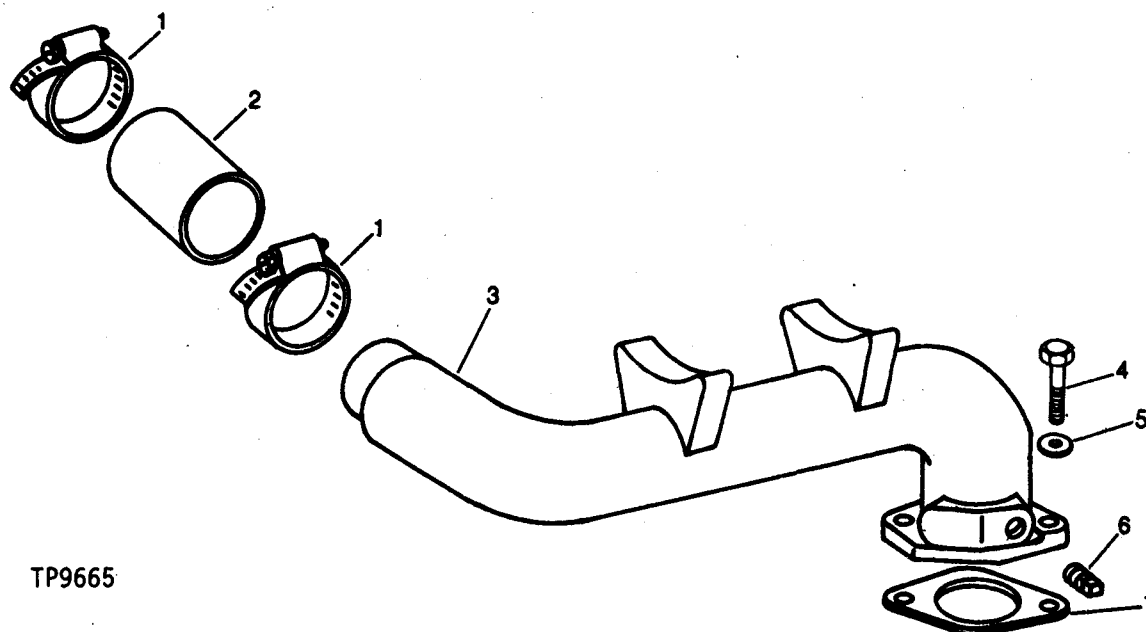
TP9664



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H3411	BOLT	2		3/8" X 1-1/8", (CODE 1703)
2	T20159	GASKET	1		(CODE 1700)
3	15H558	PIPE PLUG	1		1/8", (CODE 1703)
4	T20159	GASKET	1		(CODE 1703)
5	15H255	PIPE PLUG	1		3/8", (CODE 1703)
6	T31948	AIR INTAKE	1		(CODE 1703)
7	19H2038	CAP SCREW	2		3/8" X 1/2", (CODE 1703)
8	T20159	GASKET	1		(CODE 1709)
9	15H255	PIPE PLUG	1		3/8", (CODE 1709)
10	R59193	AIR INTAKE	1		(CODE 1709)
11	12H304	LOCK WASHER	2		3/8", (CODE 1709)
12	19H1732	CAP SCREW	2		3/8" X 1-1/4", (CODE 1709)

AIR INLET (4239T)

TP9665

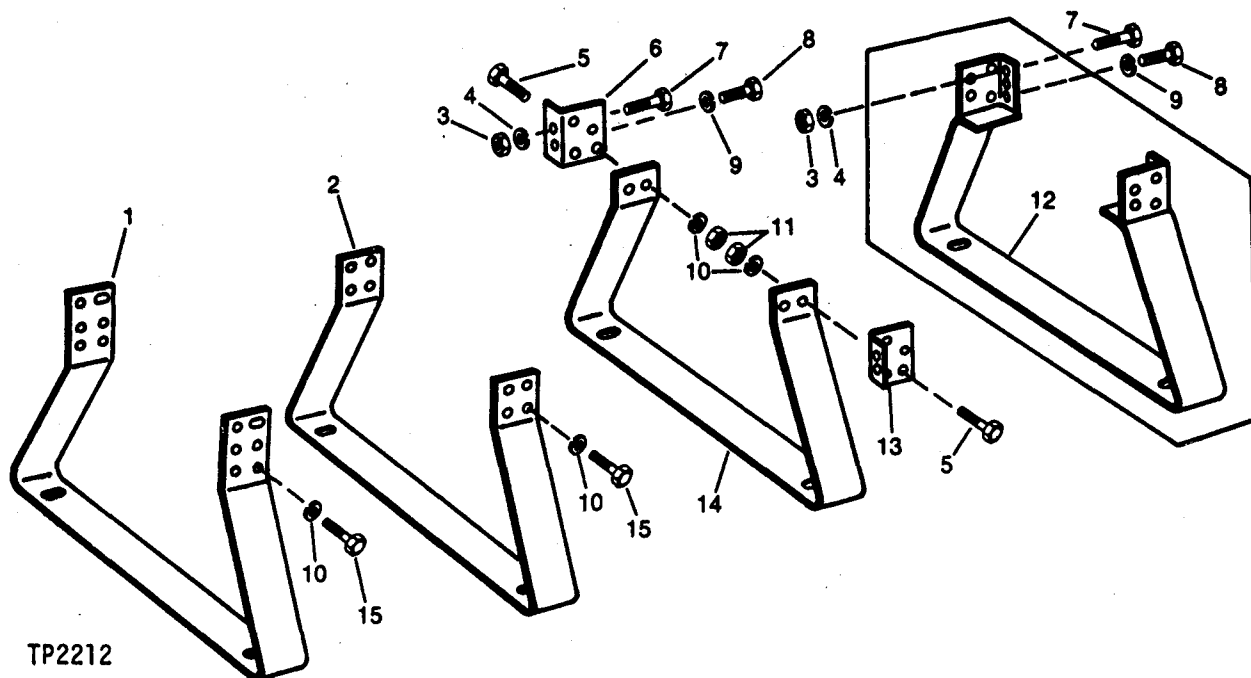


TP9665

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R56552	CLAMP	2		
2	R56551	HOSE	1		64 MM (2" X 2-1/2")
3	R59196	AIR DUCT	1		AIR INTAKE (SUB FOR R56549)
4	19H1732	CAP SCREW	2		3/8" X 1-1/4"
5	12H304	LOCK WASHER	2		3/8"
6	15H255	PIPE PLUG	1		3/8"
7	T20159	GASKET	1		

ENGINE MOUNTS
 CODE 5502 ENGINE STAND
 CODE 5503 ENGINE STAND
 CODE 5504 ENGINE STAND
 CODE 5510 ENGINE STAND
 CODE 5511 ENGINE STAND

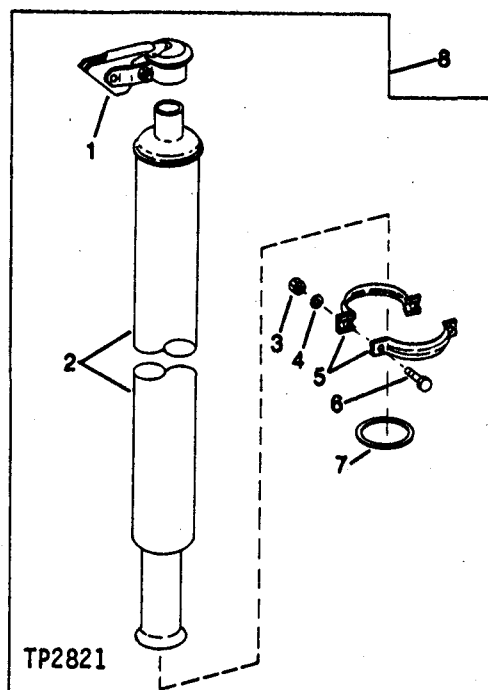
TP2212



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R58703	SUPPORT	1		(CODE 5502)
	R58703	SUPPORT	1		(CODE 5504)
	R58703	SUPPORT	1		(CODE 5510)
2	R52614	SUPPORT	1		(CODE 5503)
	R52614	SUPPORT	1		(CODE 5511)
3	14H886	NUT	2		9/16"
4	12H317	LOCK WASHER	2		9/16"
5	19H2993	CAP SCREW	4		1/2" X 1-1/2"
6	R69640	BRACKET	1		L.H.
7	19H2358	CAP SCREW	2		9/16" X 2-1/4"
8	19H1756	CAP SCREW	2		5/8" X 1-1/2"
9	12H294	LOCK WASHER	2		5/8"
10	12H301	LOCK WASHER	12		1/2"
11	14H1040	NUT	4		1/2"
12		SUPPORT	1		(SUB R69638, R69639 AND R69640)
13	R69639	BRACKET	1		R.H.
14	R69638	BRACKET	1		
15	19H1721	CAP SCREW	8		1/2" X 1-1/2"

**MUFFLER WITH COVER
(4239D) (WITHOUT TURBOCHARGER)
CODE 6101**

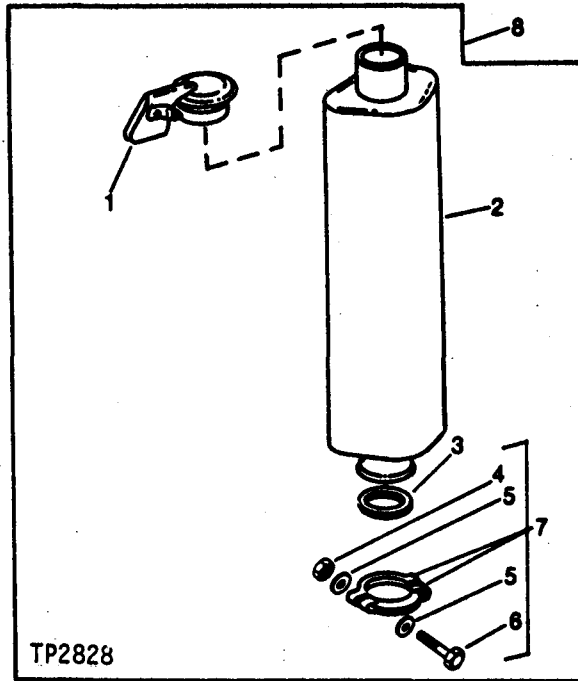
TP2821



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR56782	EXHAUST CAP	1		
2	AR38383	MUFFLER	1		
3	14H785	NUT	2	5/16"	
4	12H303	LOCK WASHER	2	5/16"	
5	T19978	HALF CLAMP	2		
6	19H1849	CAP SCREW	2	5/16" X 1-1/4"	
7	T20141	SEAL	1		
8	AR98500	KIT	1		

**MUFFLER WITH COVER
(4239T) (WITH TURBOCHARGER)
CODE 6101**

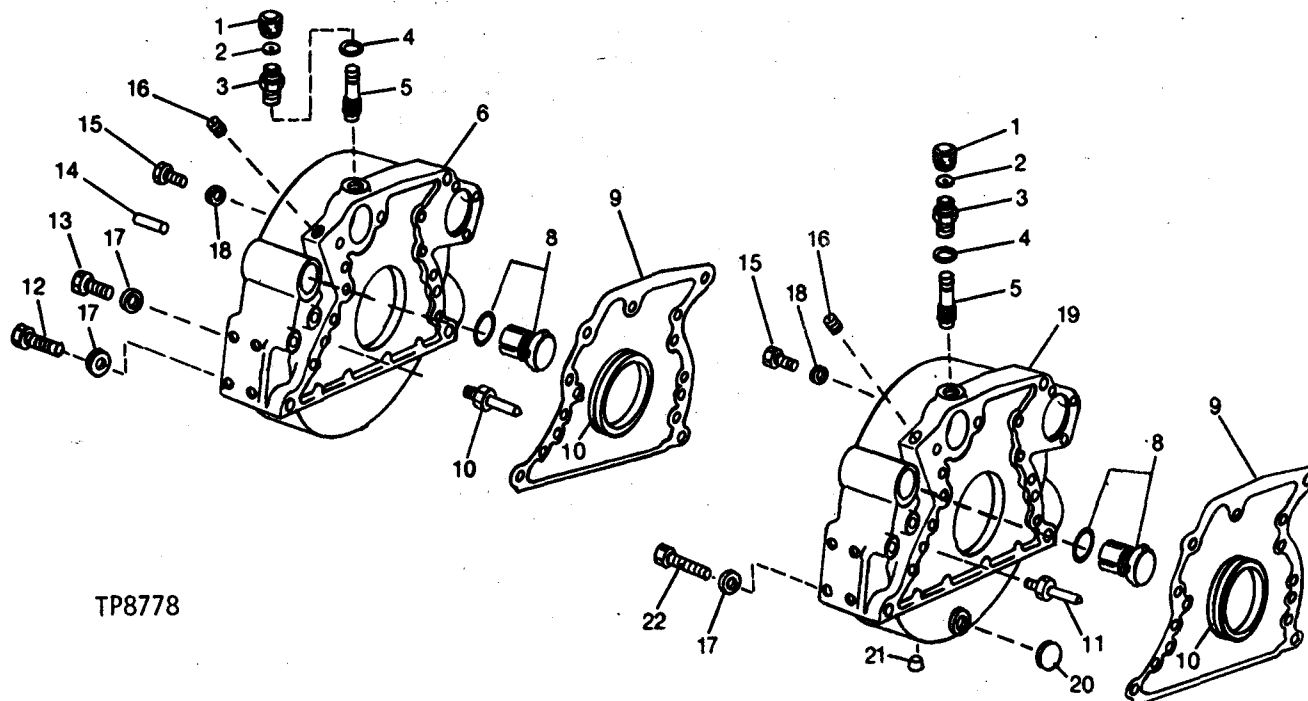
TP2828



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AR86600	CAP	1		(SUB FOR AR56785)
2	AR86599	MUFFLER	1		(SUB FOR AR61073)
3	R42375	WASHER	1		
4	14H812	NUT	2		3/8"
5	R42729	WASHER	4		
6	19H2023	CAP SCREW	2		3/8" X 3-1/4"
7	AR43704	CLAMP	1		
8	AR98501	KIT	1		

FLYWHEEL HOUSING
CODE 1405 FLYWHEEL HOUSING SAE NO. 2
CODE 1410 FLYWHEEL HOUSING, FOR TORQUE CONVERTOR

TP8778

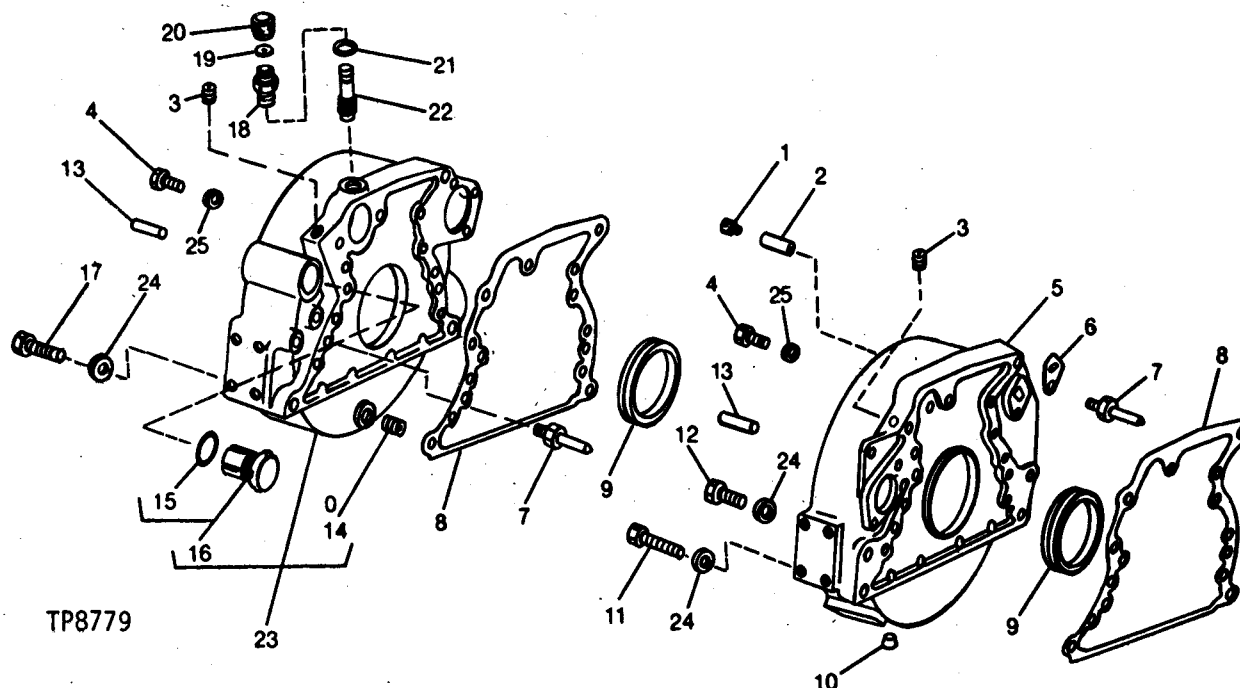


TP8778

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	B3362R	CAP	1		
2	B3285R	WASHER	1		
3	T22537	FITTING	1		
4	H1058R	WASHER	1		
5	T22536	GEAR	1		
6	R58967	HOUSING	1		(CODE 1405)
7	R27149	O-RING	1		
8	AR61533	PLUG	1		
9	R49516	GASKET	1		
	R70483	GASKET	1		(SUB FOR T23596 AND R49516)
10	AR92893	SEAL	1		(SUB FOR AT22965)
11	T20090	SCREW	1		
12	19H1847	CAP SCREW	2		5/8" X 2-1/2", (CODE 1405)
13	19H1387	CAP SCREW	2		5/8" X 2-1/4", (CODE 1405)
14	T26565	DOWEL PIN	1		(CODE 1405)
15	19H1800	CAP SCREW	8		3/8" X 1-1/2"
	12H304	LOCK WASHER	8		3/8"
16	R21630	PLUG	1		
17	12H294	LOCK WASHER	4		5/8", (CODE 1405)
18	12H304	LOCK WASHER	8		3/8"
19	R76741	HOUSING	1		(CODE 1410)
20	T13518	CAP	1		(CODE 1410)
21	15H562	PIPE PLUG	1		1", (CODE 1410)
22	19H1847	CAP SCREW	4		5/8" X 2-1/2", (CODE 1410)

FLYWHEEL HOUSING
 CODE 1403 FLYWHEEL HOUSING SAE NO. 3
 CODE 1404 FLYWHEEL HOUSING SAE NO. 4

TP8779

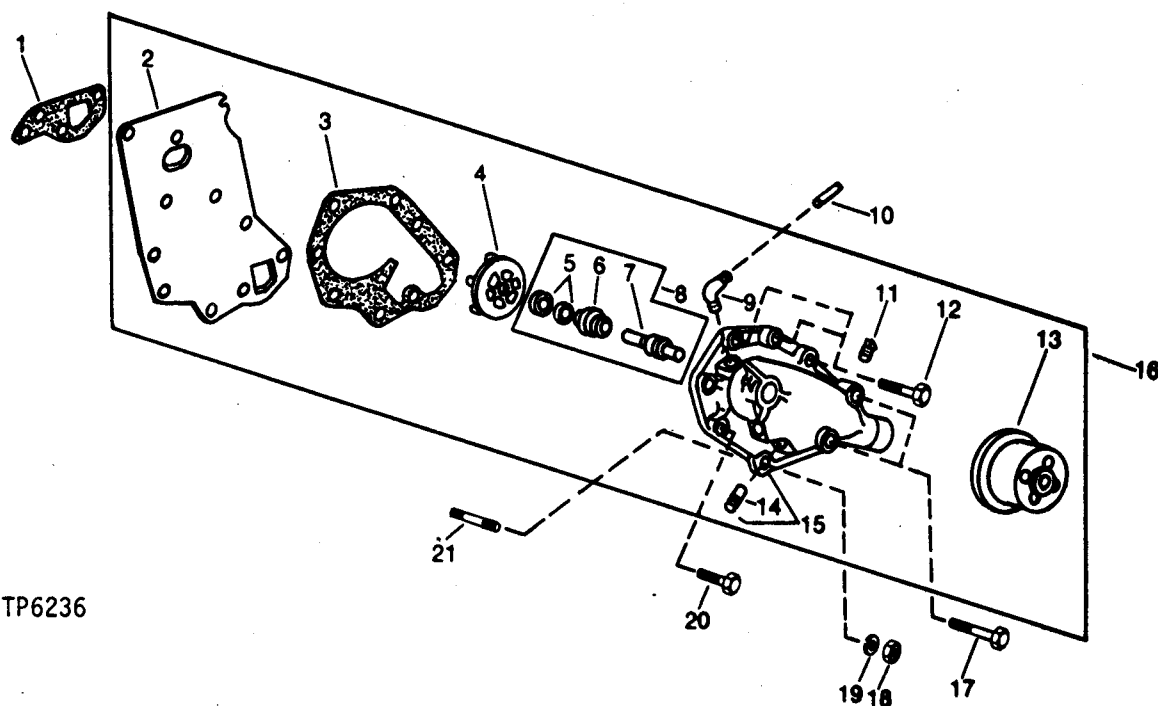


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	22H1035	SET SCREW	1		5/8" X 1/2"
2	T20461	ADAPTER	1		
3	R21830	PLUG	1		
4	19H1800	CAP SCREW	8		3/8" X 1-1/2"
5	T25114	HOUSING	1		(CODE 1404)
6	T20089	COVER	1		(CODE 1404)
7	T20090	SCREW	1		
8	R70483	GASKET	1		(SUB FOR T23596 AND R49516)
9	AR92893	SEAL	1		(SUB FOR AT22965)
10	T23590	PLUG	1		(CODE 1404)
11	19H1923	CAP SCREW	2		5/8" X 5-1/2", (CODE 1404)
12	19H1863	CAP SCREW	2		5/8" X 3", (CODE 1404)
13	T26565	DOWEL PIN	1		
14	15H624	PIPE PLUG	1		1/2", (CODE 1403)
15	R27149	O-RING	1		(CODE 1403)
16	AR61533	PLUG	1		(CODE 1403)
17	19H1847	CAP SCREW	2		5/8" X 2-1/2", (CODE 1403)
18	T22537	FITTING	1		(CODE 1403)
19	B3285R	WASHER	1		(CODE 1403)
20	B3362R	CAP	1		(CODE 1403)
21	H1058R	WASHER	1		(CODE 1403)
22	T22536	GEAR	1		(CODE 1403)
23	AR89606	HOUSING	1		(MARKED R63192) (SUB FOR R58190 AND R63192) (CODE 1403)
24	12H294	LOCK WASHER	6		5/8", (CODE 1403)
25	12H304	LOCK WASHER	8		3/8", (CODE 1404)

MEMORANDA

WATER PUMP ASSEMBLY
(4239D)
CODE 2005 WATER PUMP, HIGH POSITION, WITH OIL COOLER

TP6236

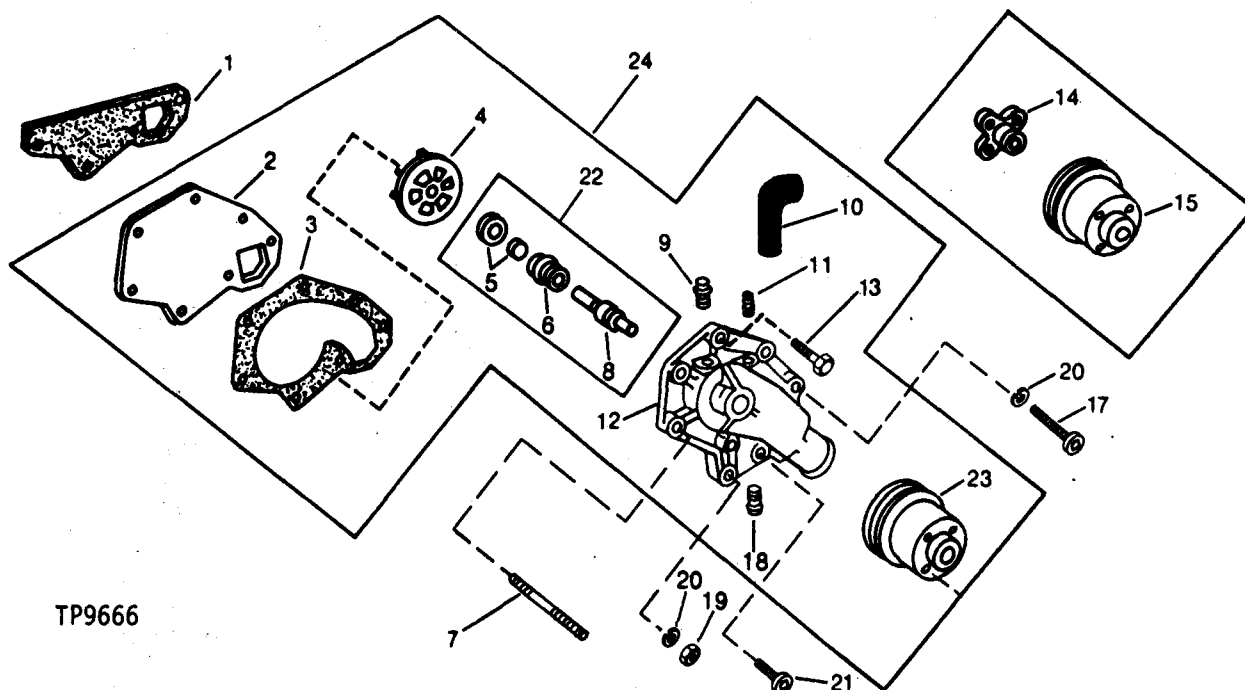


TP6236

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20243	GASKET	1		
2	R55760	COVER	1		
3	R55406	GASKET	1	-498385	
	R55405	GASKET	1	498386-	
4	T30897	IMPELLER	1		
5	AR41691	INSERT	1		
6	T27261	SEAL	1		
7	JD9257	BALL BEARING	1		
8	AT32489	KIT	1		REPAIR
9	T19653	ELBOW	1		
10	T12815	HOSE	AR		89 MM (1/2" X 3-1/2") 2 OR 4, (SUB FOR T18783)
11	15H584	PIPE PLUG	1		1/2"
12	19H2545	CAP SCREW	3		3/8" X 1-3/8"
13	T23628	PULLEY	1		
14	R48993	TUBE	2		
15	AR80107	HOUSING	1	-498385	(MARKED R55130)
	AR80104	HOUSING	1	498386-	(MARKED R55164)
16	AR80236	WATER PUMP	1	-498385	(SUB AR65262 AND AR103055)
	AR65262	WATER PUMP	1	498386-	
17	19H1912	CAP SCREW	2		3/8" X 1-1/2"
18	14H812	NUT	1		3/8"
19	12H304	LOCK WASHER	1		3/8"
20	19H1801	CAP SCREW	1		3/8" X 2"
21	T25701	STUD	1		

WATER PUMP ASSEMBLY
(4239D)
CODE 2004 WATER PUMP, STANDARD POSITION, WITH OIL COOLER

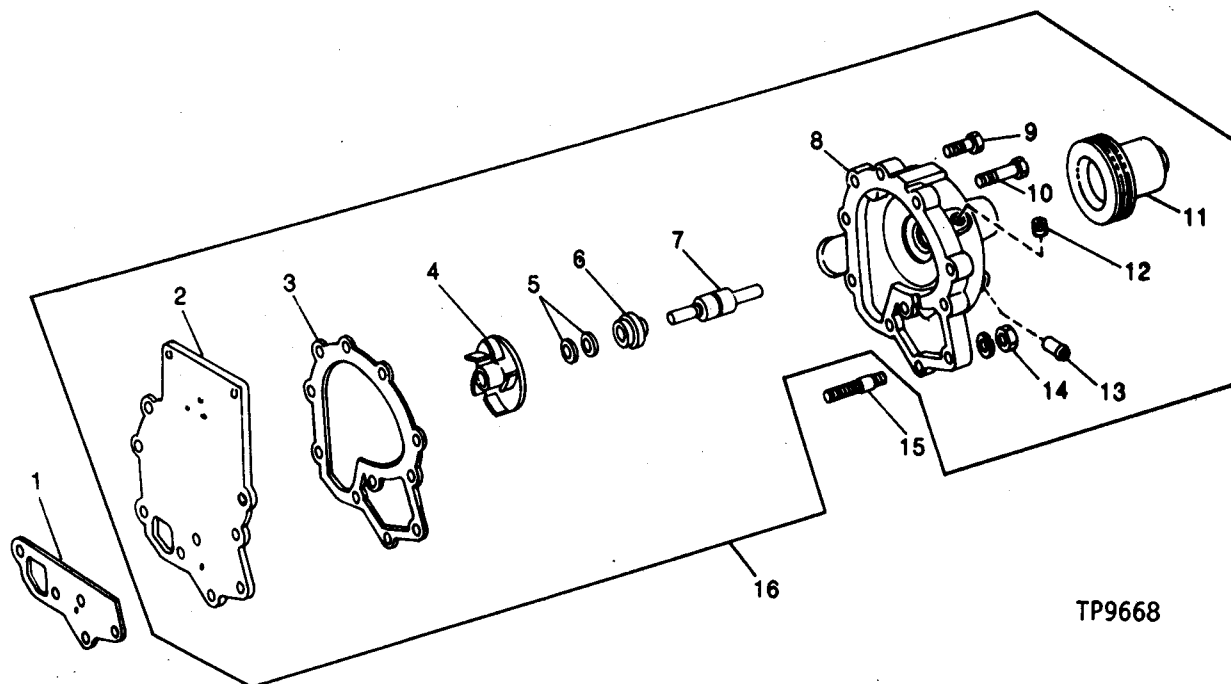
TP9666



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20243	GASKET	1		
2	T20270	COVER	1		
3	T20271	GASKET	1		
4	T30897	IMPELLER	1		
5	AR41691	INSERT	1		
6	T27261	SEAL	1		
7	T25701	STUD	1		
8	JD9257	BALL BEARING	1		
9	T19651	HOSE FITTING	1		
10	T20277	HOSE	1		
11	15H584	PIPE PLUG	1		1/2"
12	AR80105	HOUSING	1	-498385	(INCLUDES KEY 18) (MARKED R55758) (SUB AR97709 AND AR103053)
	AR97709	WATER PUMP	1	498486-	(MARKED R73604) (INCLUDES KEY 18)
13	19H2545	CAP SCREW	2		3/8" X 1-3/8"
14	T30720	HUB	1		(SUB T23628)
15	T30721	PULLEY	1		(SHEET METAL) (SUB T23628)
16	19H2127	CAP SCREW	4		5/16" X 7/8"
17	19H1912	CAP SCREW	1		3/8" X 3-1/2"
18	R48993	TUBE	2		
19	14H812	NUT	1		3/8"
20	12H304	LOCK WASHER	2		3/8"
21	19H3413	BOLT	1		3/8" X 3-1/4"
22	AT32489	KIT	1		REPAIR
23	T23628	PULLEY	1		(CAST IRON)
24	AR65260	WATER PUMP	1	-498385	(SUB AR97708 AND AR103053)
	AR97708	WATER PUMP	1	498386-	

WATER PUMP ASSEMBLY
(4239T)
CODE 2004 WATER PUMP, STANDARD POSITION

TP9668



TP9668

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T20243	GASKET	1		
2	R56070	COVER	1		
3	R56809	GASKET	1		
4	R56812	IMPELLER	1		
5	AR41691	INSERT	1		
6	T27261	SEAL	1		
7	JD8643	BEARING	1		
8	AR80116	HOUSING	1	-498385	(A) (INCLUDES KEY 13) (MARKED R56813)
	AR84761	HOUSING	1	-498385	(A) (MARKED R56813) (SUB AR97717 AND AR103056)
	AR92642	HOUSING	1	498386-	(INCLUDES KEY 13) (MARKED R56813) (SUB AR97717)
9	19H1800	CAP SCREW	5		3/8" X 1-1/2"
	19H268	CAP SCREW	2		3/8" X 2-1/2"
	19H246	CAP SCREW	5		3/8" X 1-3/4"
10	19H1726	CAP SCREW	1		3/8" X 2-1/4"
	19H218	CAP SCREW	1		3/8" X 1"
11	R56810	PULLEY	1		
12	15H584	PIPE PLUG	1		1/2"
13	R34985	TUBE	1	-498385	(A)
	CD14429	BEAM	1	-498385	(A)
	R48993	TUBE	2	498386-	
14	14H812	NUT	1		3/8"
	12H304	LOCK WASHER	1		3/8"
15	T25701	STUD	1		
16	AR77142	WATER PUMP	1	-498385	(SUB AR97717 AND AR103056)
	AR97717	WATER PUMP	1	498386-	

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

**ENGINE THERMOSTAT
(4239D)
CODE 2204 THERMOSTAT, 180°F (82°C)**

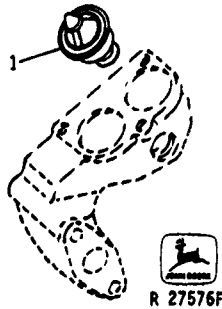
R27573



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AT22961	THERMOSTAT	1		82°C (180°F)

**THERMOSTAT
(4239T)
CODE 2204 THERMOSTAT (180°F. (82°C))**

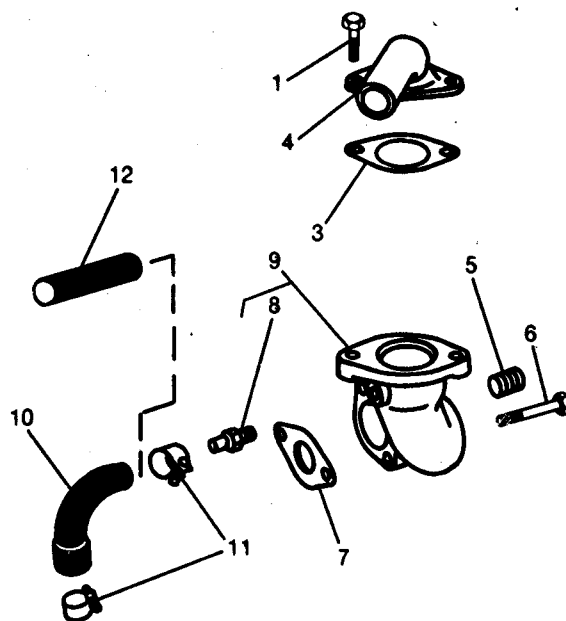
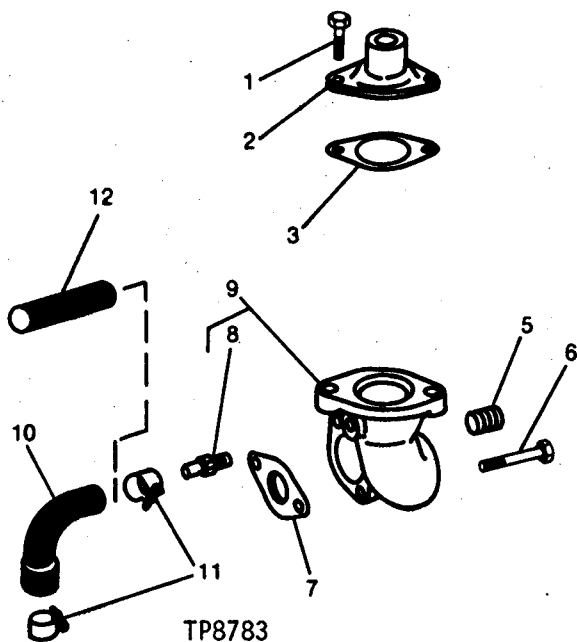
R27576



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR48675	THERMOSTAT	2		82°C (180°F)

THERMOSTAT HOUSING AND COVER
(4239D)
CODE 2101 THERMOSTAT COVER, HORIZONTAL
CODE 2102 THERMOSTAT COVER, VERTICAL

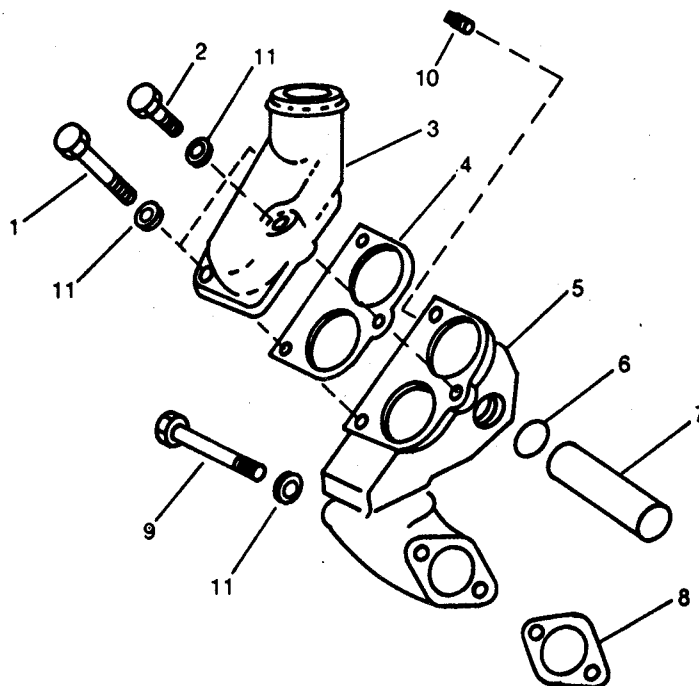
TP8783



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H988	CAP SCREW	2		3/8" X 1-1/4"
2	T20317	COVER	1		(CODE 2102)
3	T20215	GASKET	1		
4	T23620	COVER	1		(CODE 2101)
5	15H561	PIPE PLUG	1		1/2"
6	19H1726	CAP SCREW	2		3/8" X 2-1/4"
7	T20219	GASKET	1		
8	T19651	HOSE FITTING	1		
9	AT18074	HOUSING	1		(MARKED T20218)
10	T20277	HOSE	1		(USE WITH CODE 2004)
11	AR21837	CLAMP	2		
12	T12815	HOSE	1		(USE WITH CODE 2005)

**THERMOSTAT HOUSING AND COVER
(4239T)
CODE 2101 THERMOSTAT COVER, HORIZONTAL**

TP9669

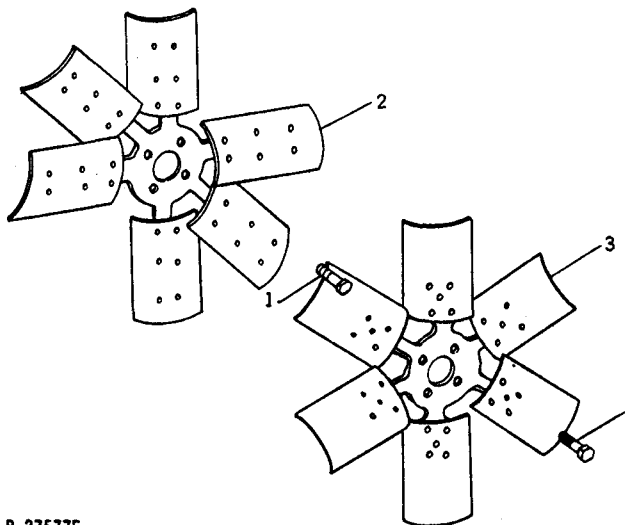


TP9669

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H1801	CAP SCREW	2		3/8" X 2"
2	19H1731	CAP SCREW	1		3/8" X 1"
3	R54639	COVER	1		
4	R54638	GASKET	1		
5	R61805	HOUSING	1		
6	R47144	O-RING	1		
7	R55967	TUBE	1		
8	T20219	GASKET	1		
9	19H2128	CAP SCREW	1		3/8" X 3"
	19H1854	CAP SCREW	1		3/8" X 3-3/4"
10	15H584	PIPE PLUG	1		1/2"
11	12H304	LOCK WASHER	5		3/8"

**FAN BLADE ASSEMBLY
(4239D)**
CODE 2501 FAN BLADE, BLOWER
CODE 2502 FAN BLADE, SUCTION

R27577



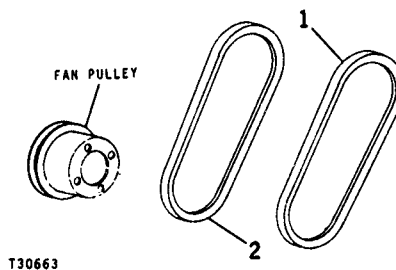
R 27577F

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	19H2127	CAP SCREW	4		5/16" X 7/8"
2	AT34613	FAN	1		(6 BLADE) (BLOWER) (CODE 2501)
3	T23419	FAN	1		(A) (6 BLADE) (CODE 2502)
	AR38790	FAN	1		(A) (6 BLADE) (SUCTION) (CODE 2502)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.

**FAN BELT
(4239D)**
CODE 2401 FAN BELT, STANDARD POSITION WATER PUMP
CODE 2402 FAN BELT, HIGH POSITION WATER PUMP

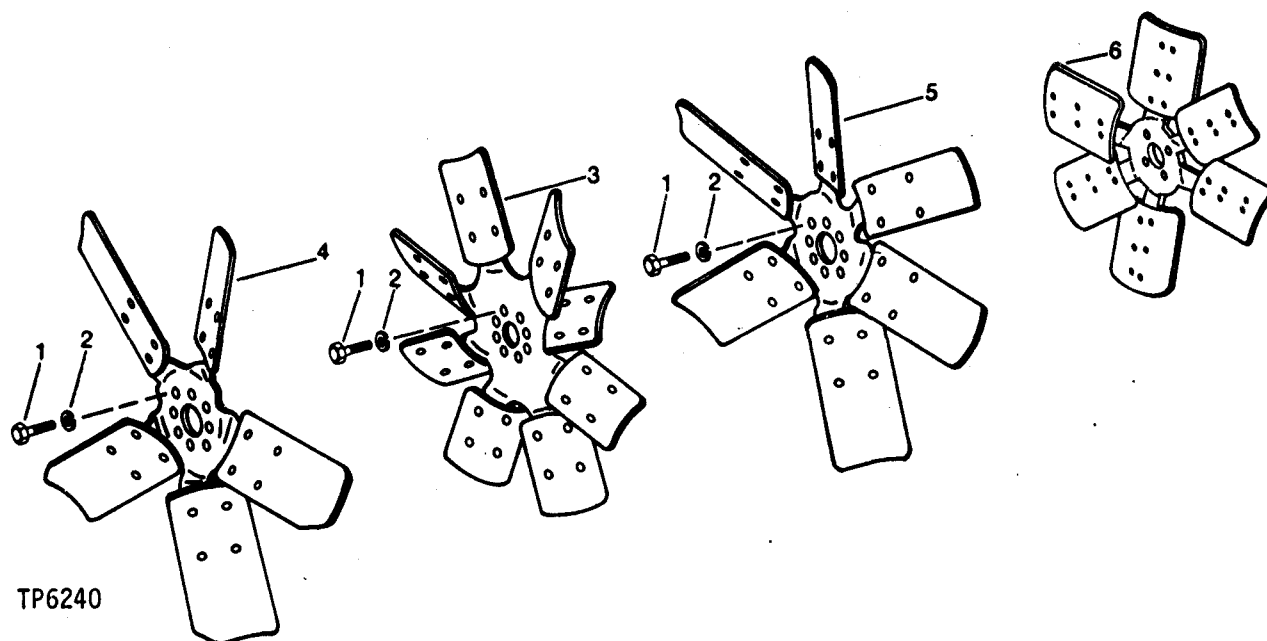
T30663



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	T23526	BELT	1		(SUB FOR T20334) (CODE 2401)
2	T24473	BELT	1		(CODE 2402)

FAN BLADE ASSEMBLY
(4239T)
CODE 2501 FAN BLADE, BLOWER
CODE 2502 FAN BLADE, SUCTION

TP6240



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19H1731	CAP SCREW	4	3/8" X 1"	
2	12H304	LOCK WASHER	4	3/8"	
3	AT31819	FAN	1		(CODE 2501) (8 BLADE)
4	AR26382	FAN	1		(A) (CODE 2502) (5 BLADE)
5	AR98090	FAN	1		(A) (CODE 2502) (6 BLADE) (SUB FOR AR64075, THIS APPLICATION)
6	AT34613	FAN	1		(CODE 2501) (6 BLADE) (BLOWER)

(A) EITHER PART ACCEPTABLE. CHECK LOCAL AVAILABILITY.