



PARTS CATALOG

Published

2010/11 (Nov.)

0CR10-G46001

Introduction

1. This parts catalog for 3GM30- YEU, 3GM30C- YEU, 3GM30F- YEU & 3GM30FC- YEU is published as a revised edition of the diesel engine.

| | Parts catalog | Date of issue | Remarks |
|---------------------|---------------|---------------|---------|
| First edition | 000Y00R4600 | Dec., 1996 | No need |
| 1st revised edition | 000Y00R4601 | Mar., 1999 | |

2. This parts catalog list covers the engines assembled at Yanmar Europe B.V.

3. Standard finish color. : Metallic ecolo silver
 Parts No. : 977620 - 10070 1 l (Paked in a can)
 977620 - 40070 4 l (Paked in a can)
 TOR- 90090003 Spray(1 piece)

4. This parts catalog dose not contain the technical date needed for servicing.

5. The illustrations used in this parts catalog have been simplified for clarity.

6. The essential points list.(This engine numbers assembled at Yanmar Europe are as follows)

| Name of diesel engine | Specification | No. of cylinder Internal diameter(mm) Stroke length(mm) | New E/# |
|-----------------------|-----------------------|---|---------|
| 3GM30- YEU | Marine pleasure boats | 3 × 75 × 72 | E20101~ |
| 3GM30C- YEU | Marine pleasure boats | 3 × 75 × 72 | E20101~ |
| 3GM30F- YEU | Marine pleasure boats | 3 × 75 × 72 | E20101~ |
| 3GM30FC- YEU | Marine pleasure boats | 3 × 75 × 72 | E20101~ |

7. The contents of this parts catalog are subject to change without prior notice.

8. Be sure to use only genuine Yanmar part for repairs. If other parts are used, the life of the engine may be shortened.

Directions for the Parts Catalog.

1. The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)

| REF. | LEV. | PARTS NO. | DESCRIPTION | Q'TY | | | | | | I | R |
|------|------|--|---------------------|------|-----|-----|-----|-----|-----|---|---|
| | | | | (A) | (B) | (C) | (D) | (E) | (F) | | |
| 1 | 1 | 729595-51390 | FUEL INJECTION PUMP | 1 | 1 | 1 | 1 | 1 | | | 1 |
| 1-1 | 1 | 729595-51391 | FUEL INJECTION PUMP | 1 | 1 | 1 | 1 | 1 | | N | 1 |
| | | (A=E00185) (B=E00200) | | | | | | | | | |
| 3 | 2 | 26022-060162 | SCREW M 6X 16 | 9 | 9 | 9 | 9 | 9 | | | |
| 3-1 | 2 | 26022-060162 | SCREW M 6X 16 | 4 | 4 | 4 | 4 | 4 | | K | |
| | | (A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156) | | | | | | | | | |
| 4 | 2 | 129470-51040 | CAMSHAFT | 1 | 1 | 1 | 1 | 1 | | | |
| 5 | 2 | 122710-51050 | BEARING, ROLLER | 2 | 2 | 2 | 2 | 2 | | | |
| 6 | 2 | 129470-51060 | RETAINER | 1 | 1 | 1 | 1 | 1 | | | |

Remarks

(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ----- Main parts (Assembly parts)

2 ----- Sub component included in " 1 ".

3 ----- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

| Symbol | Interchangeability | Contents note |
|--------|---|--|
| N | Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \rightarrow \end{matrix}$ New | New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part. |
| Q | Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \rightarrow \end{matrix}$ New | New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part. |
| R | Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \rightarrow \end{matrix}$ New | New/ Old Parts are both interchangeable. |
| S | Old $\begin{matrix} \leftarrow \text{No} \\ \text{No} \rightarrow \end{matrix}$ New | New/ Old Parts are both not interchangeable. |
| W | | Part newly added. |
| Z | | Part discontinued. |
| F | | Not interchangeable by a single part but interchangeable together with related parts. |
| K | | Changes only for used parts quantities. |

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

| Product Symbol | Product No. | Product Symbol | Product No. |
|----------------|---------------------------|----------------|-----------------------------------|
| C | Clutch No. Compressor No. | F | Machine No. (Agricultural Equip.) |
| D | Drive No. | M | Machine No. |
| E | Engine No. | | |

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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MODEL: 3GM30-YEU
P/C NEWS No: Y00R4601-4
PUBLISHED: 2000/12

| 項目 Fig.No. | 項 目 名 称 | GROUP NAME | P/C NEWS No. | | | |
|---------------|------------------|-----------------------------------|--------------|----|----|----|
| | | | -1 | -2 | -3 | -4 |
| 1 | シリンダブロック | CYLINDER BLOCK | | | | |
| 2 | シリンダブロック | CYLINDER BLOCK | | | | |
| 3 | ギヤケース | GEAR HOUSING | | | | |
| 4 | ギヤケース | GEAR HOUSING | | | | |
| 5 | オイルパン | LUB. OIL SUMP | | | | |
| 6 | フライホイールハウジング | FLYWHEEL HOUSING | | | | |
| 7 | メインメタル | MAIN METAL HOUSING | | | | |
| 8 | ブリーザ | BREATHER | | | | |
| 9 | 銘板 | LABEL | | | | |
| 10 | 吊り上げ金具 | ENGINE LIFTER | | | | |
| 11 | 吊り上げ金具 | ENGINE LIFTER | | | | |
| 12 | マウンティングフート | ENGINE BRACKET | | | | |
| 13 | マウンティングフート(防振) | ENGINE BRACKET (SHOCK ABSORBER) | | | | |
| 14 | シリンダヘッド | CYLINDER HEAD | | | | |
| 15 | シリンダヘッド | CYLINDER HEAD | | | | |
| 16 | ボンネット | BONNET | | | | |
| 17 | 吸気マニホールド | SUCTION MANIFOLD | | | | |
| 18 | 排気マニホールド | EXHAUST MANIFOLD | | | | |
| 19 | ミキシングエルボ | MIXING ELBOW | | | | |
| 20 | カムシャフト | CAMSHAFT | | | | |
| 21 | カムシャフト | CAMSHAFT | | | | |
| 22 | クランクシャフト&フライホイール | CRANKSHAFT & FLYWHEEL | | | | |
| 23 | ピストン | PISTON | | | | ◎ |
| 24 | コネクティングロッド | CONNECTING ROD | | | | |
| 25 | 潤滑油ポンプ | LUB. OIL PUMP | | | | |
| 26 | 検油棒 | LUB. OIL DIPSTICK | | | | |
| 27 | 潤滑油フィルタ | LUB. OIL STRAINER | | | | |
| 28 | 潤滑油調圧弁 | L. O. PRESS. REGULATING VALVE | | | | |
| 29 | 潤滑油パイプ | LUB. OIL PIPE | | | | |
| 30 | 冷却水ポンプ(海水) | COOLING SEA WATER PUMP | | ◎ | | |
| 31 | 冷却水ポンプ(海水) | COOLING SEA WATER PUMP | | ◎ | | |
| 32 | 冷却水ポンプ(清水) | COOLING FRESH WATER PUMP | | | | |
| 33 | 清水クーラ | COOLING FRESH WATER COOLER | ◎ | | ◎ | |
| 34 | サブタンク | SUB TANK | | | | |
| 35 | 冷却水パイプ(海水) | COOLING SEA WATER PIPE | | | | |
| 36 | 冷却水パイプ(清水) | COOLING FRESH WATER PIPE | | | | |
| 37 | サーモスタット | THERMOSTAT | | | | |
| 38 | サーモスタット | THERMOSTAT | | | | |
| 39 | 冷却水パイプ(海水,オプション) | COOLING SEA WATER PIPE (OPTIONAL) | | | | |
| 40 | 燃料噴射ポンプ | FUEL INJECTION PUMP | | | | |

注： ◎印は、変更した項目です。
(NOTE) MARK "◎" SHOWS CHANGED Fig. No. — 1 —

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MODEL : 3GM30-YEU
P/C NEWS No. : Y00R4601-5
PUBLISHED : 2003/7

| 項目 Fig. | 項 目 名 称 | GROUP NAME | P/C NEWS No. | | | |
|------------|----------------------|--|--------------|---|--|---|
| | | | 1~4 | 5 | | |
| 41 | 燃料フィードポンプ | FUEL FEED PUMP | | | | |
| 42 | 燃料噴射弁 | FUEL INJECTION VALVE | | | | |
| 43 | 燃料フィルタ | FUEL STRAINER | | | | |
| 44 | 燃料噴射パイプ | FUEL INJECTION PIPE | | | | |
| 45 | 燃料パイプ | FUEL PIPE | | | | |
| 46 | 燃料戻しパイプ | FUEL RETURN PIPE | | | | |
| 47 | ガバナ駆動 | GOVERNOR EQUIPMENT | | | | |
| 48 | 操縦装置 | CONTROL DEVICE | | | | |
| 49 | アイドルアジャスタ | IDLE ADJUSTER | | | | |
| 50 | 燃料制限装置 | FUEL CONTROL DEVICE | | | | |
| 51 | 機関停止装置 | ENGINE STOP DEVICE | | | | |
| 52 | スピードリモコン | SPEED REMOTE CONTROL | | | | |
| 53 | ハンドスタート | HAND START | | | | |
| 54 | スターティングモータ | STARTING MOTOR | | | | |
| 55 | ジェネレータ | GENERATOR | | | | |
| 56 | ジェネレータ | GENERATOR | | | | |
| 57 | ジェネレータ(オプション) | GENERATOR(OPTIONAL) | | | | |
| 58 | ワイヤハーネス | WIRE HARNESS | | | | |
| 59 | クラッチ | CLUTCH | | | | |
| 60 | ダンパディスク | DUMPER DISK | | | | |
| 61 | クラッチリモコン | CLUTCH REMORTE CONTROL | | | | |
| 62 | 工具 | TOOL | | | | |
| 63 | ミキシングエルボ(オプション) | MIXING ELBOW(OPTIONAL) | | | | |
| 64 | ミキシングエルボ(オプション) | MIXING ELBOW(OPTIONAL) | | | | |
| 65 | 潤滑油廃油ポンプ(オプション) | LUB.OIL WASTE PUMP(OPTIONAL) | | | | |
| 66 | ビルジポンプ(STD,オプション) | BILGE PUMP(STD,OPTIONAL) | | | | |
| 67 | ビルジポンプ(DX,オプション) | BILGE PUMP(DX,OPTIONAL) | | | | |
| 68 | キングストンコック(オプション) | KINGSTON COCK(OPTIONAL) | | | | |
| 69 | 燃料タンク(オプション) | FUEL TANK(OPTIONAL) | | | | |
| 70 | ストップケーブル(オプション) | ENGINE STOP CABLE(OPTIONAL) | | | | |
| 71 | バッテリースイッチ(オプション) | BATTERY SWITCH(OPTIONAL) | | | | |
| 72 | テーパカップリング(オプション) | TAPER COUPLING(OPTIONAL) | | | | |
| 73 | ソリッドカップリング(オプション) | SOLID COUPLING(OPTIONAL) | | | | |
| 74 | ストレートカップリング(オプション) | STRAIGHT COUPLING(OPTIONAL) | | | | |
| 75 | スリットカップリング(オプション) | SLIT COUPLING(OPTIONAL) | | | | |
| 76 | シングルレバーコントロール(オプション) | SINGLE LEVER CONTROL(OPTIONAL) | | | | |
| 77 | 計器盤(Aタイプ,オプション) | INSTRUMENT PANEL(A-TYPE,OPTIONAL) | | | | |
| 78 | 計器盤(Aタイプ,セイル,オプション) | INSTRUMENT PANEL(A-TYPE,SAIL,OPTIONAL) | | | | |
| 79 | 計器盤(Bタイプ,オプション) | INSTRUMENT PANEL(B-TYPE,OPTIONAL) | | | | |
| 80 | 計器盤(Bタイプ,新形,オプション) | INSTRUMENT PANEL(B-TYPE,NEW,OPTIONAL) | | | | ◎ |

注：◎印は、変更した項目です。

(NOTE) MARK "◎" SHOWS CHANGED Fig.No.

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MODEL: 3GM30-YEU

P/C No.: Y00R4601

PUBLISHED: 1999/3

| 項目 Fig.No. | 項目名称 | GROUP NAME | P/C NEWS No. | | | |
|---------------|----------------|-------------------------|--------------|--|--|--|
| | | | | | | |
| 81 | 特殊工具(オプション) | SPECIAL TOOL (OPTIONAL) | | | | |
| 82 | スペアパーツ(オプション) | REPAIR PART (OPTIONAL) | | | | |
| 83 | スペアパーツ(オプション) | REPAIR PART (OPTIONAL) | | | | |
| 84 | パッキンセット(オプション) | GASKET SET (OPTIONAL) | | | | |
| 85 | 安全銘板(オプション) | SAFETY LABEL (OPTIONAL) | | | | |
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MODEL : 3GM30-YEU
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| Fig.No. | GROUP NAME |
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| 3GM30-YEU | |
| 1. | CYLINDER BLOCK |
| 2. | CYLINDER BLOCK |
| 3. | GEAR HOUSING |
| 4. | GEAR HOUSING |
| 5. | LUB. OIL SUMP |
| 6. | FLYWHEEL HOUSING |
| 7. | MAIN METAL HOUSING |
| 8. | BREATHER |
| 9. | LABEL |
| 10. | ENGINE LIFTER |
| 11. | ENGINE LIFTER |
| 12. | ENGINE BRACKET |
| 13. | ENGINE BRACKET(SHOCK ABSORBER) |
| 14. | CYLINDER HEAD |
| 15. | CYLINDER HEAD |
| 16. | BONNET |
| 17. | SUCTION MANIFOLD |
| 18. | EXHAUST MANIFOLD |
| 19. | MIXING ELBOW |
| 20. | CAMSHAFT |
| 21. | CAMSHAFT |
| 22. | CRANKSHAFT & FLYWHEEL |
| 23. | PISTON |
| 24. | CONNECTING ROD |
| 25. | LUB. OIL PUMP |
| 26. | LUB. OIL DIPSTICK |
| 27. | LUB. OIL STRAINER |
| 28. | L.O.PRESS.REGULATING VALVE |
| 29. | LUB. OIL PIPE |

| Fig.No. | GROUP NAME |
|---------|--------------------------------|
| 30. | COOLING SEA WATER PUMP |
| 31. | COOLING SEA WATER PUMP |
| 32. | COOLING FRESH WATER PUMP |
| 33. | COOLING FRESH WATER COOLER |
| 34. | SUB TANK |
| 35. | COOLING SEA WATER PIPE |
| 36. | COOLING FRESH WATER PIPE |
| 37. | THERMOSTAT |
| 38. | THERMOSTAT |
| 39. | COOLING SEA WATER PIPE(OPTIONA |
| 40. | FUEL INJECTION PUMP |
| 41. | FUEL FEED PUMP |
| 42. | FUEL INJECTION VALVE |
| 43. | FUEL STRAINER |
| 44. | FUEL INJECTION PIPE |
| 45. | FUEL PIPE |
| 46. | FUEL RETURN PIPE |
| 47. | GOVERNOR EQUIPMENT |
| 48. | CONTROL DEVICE |
| 49. | IDLE ADJUSTER |
| 50. | FUEL CONTROL DEVICE |
| 51. | ENGINE STOP DEVICE |
| 52. | SPEED REMOTE CONTROL |
| 53. | HAND START |
| 54. | STARTING MOTOR |
| 55. | GENERATOR |
| 56. | GENERATOR |
| 57. | GENERATOR(OPTIONAL) |
| 58. | WIRE HARNESS |
| 59. | CLUTCH |

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MODEL : 3GM30-YEU
PC NO : 0CR10-G46001

Fig.No. GROUP NAME

60. DUMPER DISK
61. CLUTCH REMOTE CONTROL
62. TOOL
63. MIXING ELBOW(OPTIONAL)
64. MIXING ELBOW(OPTIONAL)
65. LUB.OIL WASTE PUMP(OPTIONAL)
66. BILGE PUMP(STD,OPTIONAL)
67. BILGE PUMP(DX,OPTIONAL)
68. KINGSTON COCK(OPTIONAL)
69. FUEL TANK(OPTIONAL)
70. ENGINE STOP CABLE(OPTIONAL)
71. BATTERY SWITCH(OPTIONAL)
72. TAPER COUPLING(OPTIONAL)
73. SOLID CUPLING(OPTIONAL)
74. STRAIGHT COUPLING(OPTIONAL)
75. SLIT COUPLING(OPTIONAL)
76. SINGLE LEVER CONTROL(OPTIONAL)
77. INSTRUMENT PANEL(A,OPTIONAL)
78. INSTRUMENT PANEL(A,SAIL,OPTION
79. INSTRUMENT PANEL(B,OPTIONAL)
80. INSTRUMENT PANEL(B,NEW,OPTION
81. SPECIAL TOOL(OPTIONAL)
82. REPAIR PART(OPTIONAL)
83. REPAIR PART(OPTIONAL)
84. GASKET SET(OPTIONAL)
85. SAFETY LABEL(OPTIONAL)

Fig.No. GROUP NAME

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