

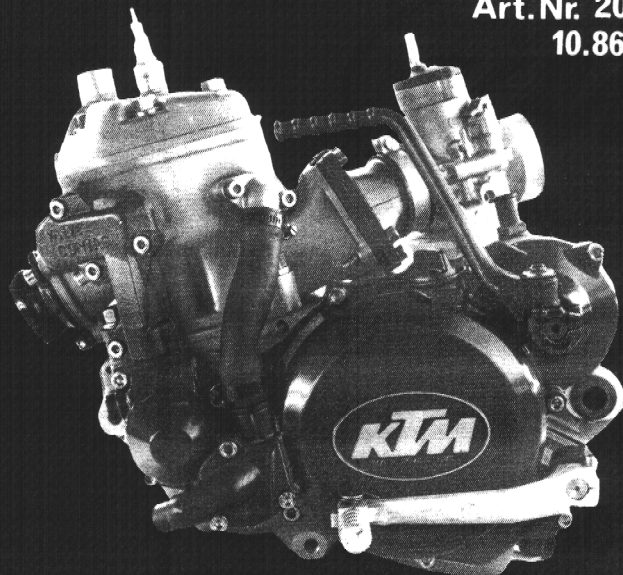


Art.Nr. 202.5  
10.86

# MOTOR TYP 545

## Engine Type 545

### 240 - 250 cc

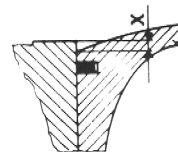


#### TECHNISCHE DATEN

| MOTOR               | 240                                                         | 250            |
|---------------------|-------------------------------------------------------------|----------------|
| BAUART              | FLOSSIGKEITSGEKOHLTER EINZYLINDER-ZWEITAKT-OTTOMOTOR        |                |
| HUBRAUM             | 239,6 ccm                                                   | 246,9 ccm      |
| BOHRUNG/HUB         | 66,5/69                                                     | 67,5/69        |
| LEISTUNG MAX.       | 35,3 kW (48 PS)                                             |                |
| NENNDREHZAHL        | 8300/min                                                    |                |
| KRAFTSTOFF          | SUPERKRAFTSTOFF ROZ 98, MIT ZWEITAKTÖL GEMISCHT             |                |
| MISCHUNGSVERHÄLTNIS | 1:40 ... 1:50<br>BEI VERWENDUNG VON HOCHWERTIGEM ZWEITAKTÖL |                |
| ● MASS "X"          | 0,40 - 0,45 mm                                              | 0,50 - 0,55 mm |
| ZONDZEITPUNKT v.OT  | 4,1 mm ± 0,1 (25°)                                          |                |
| ZONDKERZE           | NGK B 9 EG                                                  |                |
| ELEKTRODENABSTAND   | 0,6 mm                                                      |                |
| GETRIEBESCHMIERUNG  | 0,8 l SHELL SPIRAX HD 80                                    |                |
| KOHLFLOSSIGKEIT     | 1,2 LITER, MISCHUNGSVERHÄLTNIS 2:1-FROSTSCHUTZMITTEL:WASSER |                |
| ZONDANLAGE          | KTM DIGITAL CONTROL                                         |                |
| GENERATORLEISTUNG   | MX KEIN GENERATOR                                           |                |
| GENERATORANSCHLÜSSE | ENDURO 12V 90 W<br>GELB                                     |                |

- UM NACH DEM WIEDERMONTIEREN DES ZYLINDERS DIE RICHTIGE EINSTELLUNG ZU ERHALTEN, IST FOLGENDES MASS "X" EINZUHALTEN (UNTERLEGEN VERSCHIEDEN STARKER ZYLINDERFUSSDICHTUNGEN).

BEIM MESSEN IST DER ZYLINDER NIEDERZUSPANNEN UND DER KOLBEN AUF DEN OBEREN TOTPUNKT ZU STELLEN.



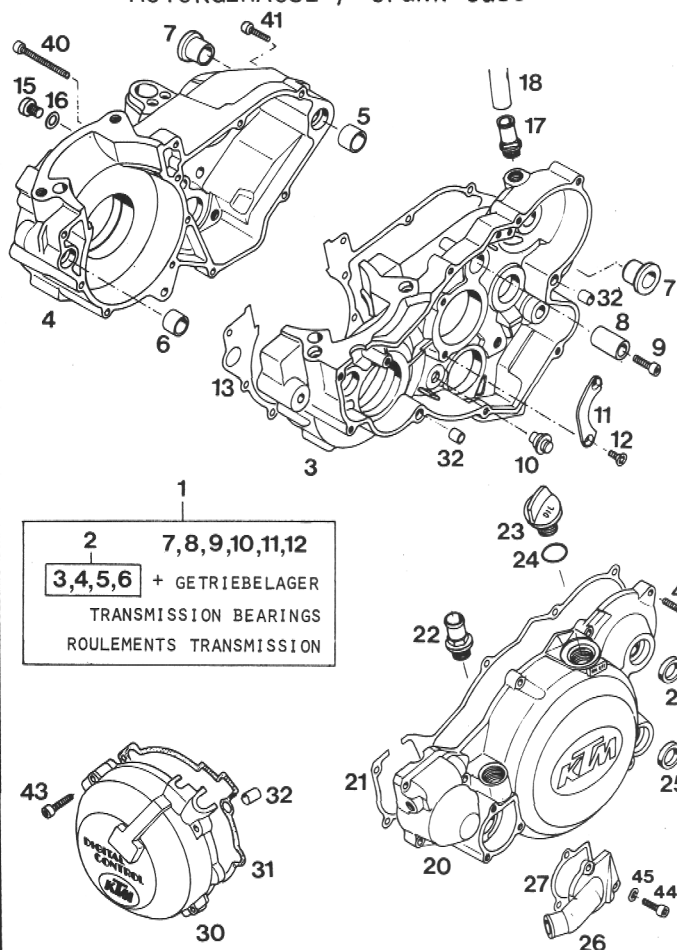
- In order to ensure a correct fit when the cylinder is re-assembled, the dimension "X" must be maintained by using different thicknesses for the cylinder bottom gasket.

When measuring "X", the cylinder should be clamped down and the piston and the piston adjusted to the TDC position.

#### Technical Data

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Engine                | 250                                                          |
| Design                | Liquid-cooled single-cylinder two-stroke engine              |
| Piston displacement   | 246.9 ccm                                                    |
| Bore/stroke           | 67.5/69                                                      |
| Performance max.      | 35.3 kW (48 HP)                                              |
| rpm at max. HP        | 8300                                                         |
| Fuel                  | SUPER fuel, research octane no 98, mixed with two-stroke oil |
| Oil/gasoline ratio    | 1:40 ... 1:50<br>when using high-grade two-stroke oil        |
| ● Dimension "X"       | 0.50 - 0.55 mm                                               |
| Ignition timing BTDC  | 4,1 mm ± 0,1 (25°)                                           |
| Spark plug            | NGK B 9 EG                                                   |
| Electrode gap         | 0,6 mm                                                       |
| Gear lubrication      | 0.8 l SHELL SPIRAX HD 80                                     |
| Coolant               | 1.2 litres mixture 2:1 of anti-freeze and water              |
| Ignition system       | KTM DIGITAL CONTROL                                          |
| Generator output      | MX no generator                                              |
| Generator connections | Enduro 12V 90 W<br>yellow                                    |

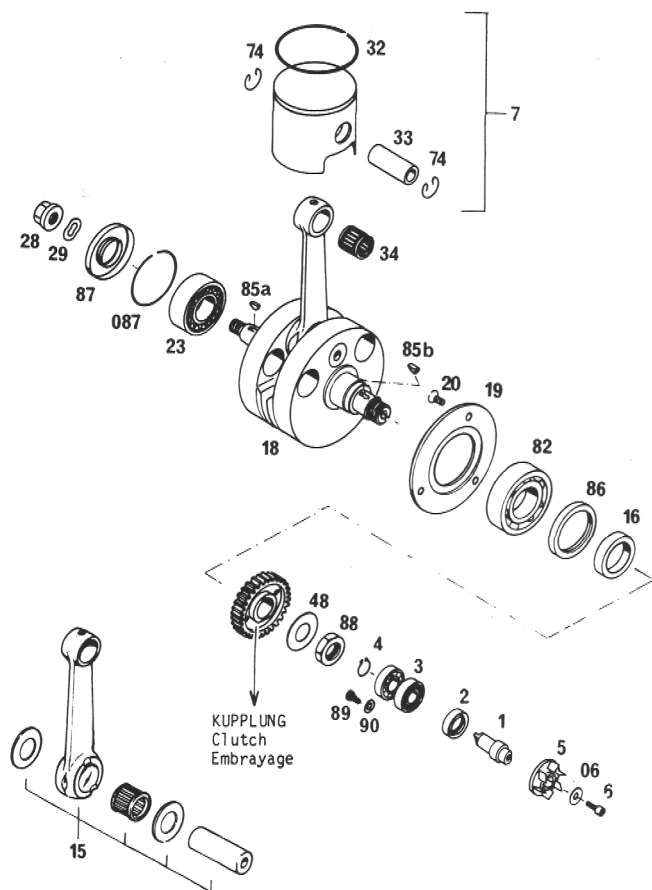
# MOTERGEHAUSE / Crank case



| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 1            | 545.30.000.044             | 1          |
| 2            | 545.30.000.000             | 1          |
| 5            | 501.30.027.000             | 1          |
| 6            | 510.30.026.100             | 1          |
| 7            | 501.30.010.000             | 2          |
| 8            | 543.33.018.000             | 1          |
| 9            | 0912 060203                | 1          |
| 10           | 490.34.021.000             | 1          |
| 11           | 565.30.017.000             | 1          |
| 12           | 0991 060122                | 2          |
| 13           | 545.30.039.000             | 1          |
| 15           | 490.30.029.000             | 1          |
| 16           | 0603 102151                | 1          |
| 17           | 565.30.022.000             | 1          |
| 18           | 543.07.018.001             | 0,3        |
| 20           | 545.30.001.000             | 1          |
| 21           | 545.30.025.000             | 1          |
| 22           | 543.35.002.000             | 1          |
| 23           | 543.30.020.000             | 1          |
| 24           | 0770 160030                | 1          |
| 25           | 0760 142460                | 2          |
| 26           | 545.35.001.000             | 1          |
| 27           | 545.35.003.000             | 1          |
| 30           | 544.30.002.000             | 1          |
| 31           | 544.30.040.000             | 1          |
| 32           | 490.30.090.000             | 4          |

| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 40           | 0912 060503                | 5 M6x50    |
| 41           | 0912 060353                | 6 M6x35    |
| 42           | 0912 060303                | 3 M6x30    |
|              | 0912 060253                | 7 M6x25    |
| 43           | 0912 060253                | 2 M6x25    |
|              | 0912 060203                | 2 M6x20    |
| 44           | 0912 060163                | 3 M6x16    |
| 45           | 0137 060000                | 3          |
| --           | 545.30.100.000             | 1          |
|              | DICHTUNGSSATZ / Gasket set |            |

# KURBELTRIEB / Crankshaft, piston



| BILD<br>Fig. | TEILENUMMER<br>Part number      | STK<br>Qty |
|--------------|---------------------------------|------------|
| 1            | 544.35.010.000                  | 1          |
| 2            | 0760 152472                     | 1          |
| 3            | 0625 060016                     | 2          |
| 4            | 0471 120010                     | 1          |
| 5            | 543.35.005.000                  | 1          |
| 06           | 0021 050003                     | 1          |
| 6            | 0912 050123                     | 1          |
| 7            | 545.30.007.000<br>ø 67,5 250 cc | 1          |
| 7            | 545.30.107.000<br>ø 66,5 240 cc | 1          |
| 15           | 543.30.015.044                  | 1          |
| 16           | 544.30.016.000                  | 1          |
| 18           | 544.30.018.300                  | 1          |
| 19           | 544.30.019.000                  | 1          |
| 20           | 0991 060122                     | 3          |
| 23           | 543.30.023.000                  | 1          |
| 28           | 510.30.028.100                  | 1          |
| 29           | 543.30.029.000                  | 1          |
| 32           | 544.30.032.100<br>ø 67,5 250 cc | 1          |
| 32           | 544.30.132.100<br>ø 66,5 240 cc | 1          |
| 33           | 544.30.033.000                  | 1          |
| 34           | 544.30.034.000                  | 1          |

| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 48           | 540.30.048.000             | 1          |
| 74           | 543.30.074.000             | 2          |
| 82           | 0625 062060                | 1          |
| 85a          | 0888 030050                | 1          |
| 85b          | 0888 040050                | 1          |
| 86           | 0760 385272                | 1          |
| 87           | 0760 255270                | 1          |
| 087          | 520.33.087.000             | 1          |
| 88           | 0936 181505                | 1          |
| 89           | 0084 040063                | 1          |
| 90           | 0125 050003                | 1          |

| GETRIEBEÜBERSETZUNGEN |                     |                                | Gear ratios   |                      |                            |
|-----------------------|---------------------|--------------------------------|---------------|----------------------|----------------------------|
| PRIMAR-ÜBERSETZUNG    | GETRIEBEÜBERSETZUNG | ORIGINAL-ÜBERSETZUNG HINTERRAD | Primary ratio | Transmission         | Original Final Drive Ratio |
| 27:71                 | MX ENDURO           |                                |               | MX ENDURO            |                            |
|                       | 1.GANG 14:28 13:31  |                                |               | 1st gear 14:28 13:31 |                            |
|                       | 2.GANG 16:26 16:28  | MX 13:52                       |               | 2nd gear 16:26 16:28 | MX 13:52                   |
|                       | 3.GANG 18:24 17:24  | ENDURO 14:52                   | 27:71         | 3rd gear 18:24 17:24 | ENDURO 14:52               |
|                       | 4.GANG 20:22 20:22  |                                |               | 4th gear 20:22 20:22 |                            |
|                       | 5.GANG 22:21 26:22  |                                |               | 5th gear 22:21 26:22 |                            |

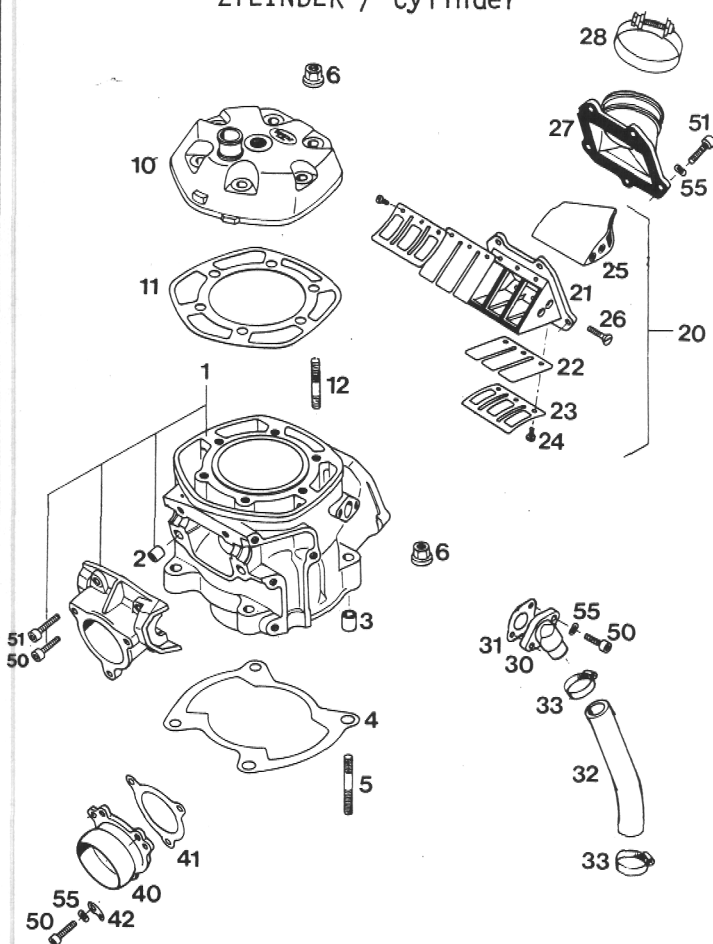
| VERGASER-GRUNDEINSTELLUNG  |             |  | Basic carburettor setting     |              |  |
|----------------------------|-------------|--|-------------------------------|--------------|--|
|                            | DELL'ORTO   |  |                               | DELL'ORTO    |  |
| VERGASERTYPE               | 38 PHBE     |  | Carburettor type              | 38 PHBE      |  |
| HAUPTDÖSE                  | 188         |  | Main jet                      | 188          |  |
| NAELEDÖSE                  | 274 BN      |  | Needle jet                    | 274 BN       |  |
| LEERLAUFDÖSE               | 58          |  | Idling jet                    | 58           |  |
| DÖSENNADEL                 | U12         |  | Jet needle                    | U12          |  |
| NADELPOSITION              | 2.VON OBEN  |  | Needle position               | 2nd from top |  |
| GEMISCHREG. SCHRAUBE OFFEN | 1 3/4 UMDR. |  | Mixture adjustment screw open | 1 3/4 turn   |  |
| SCHIEBER                   | 30          |  | Throttle valve                | 30           |  |
| STARTDÖSE                  | 70          |  | Starting jet                  | 70           |  |

| TOLERANZEN - EINBAUSPIELE  |                    | Tolerances and Fitting clearances         |
|----------------------------|--------------------|-------------------------------------------|
| KOLBENEINBAUSPIEL          | 0,015 mm           | piston fitting clearance                  |
| KOLBENRING-STOSSPIEL       | 0,1 - 0,2 mm       | piston ring end gap                       |
| PLEUELLAGER - RADIAL       | 0,021 - 0,032 mm   | connecting rod bearing - radial clearance |
| GETRIEBEWELLEN-AXIALSPIEL  | 0,1 - 0,2 mm       | transmission shaft end float              |
| KUPPLUNGSDRUCKFEDERN-LÄNGE | ∅ 2,4 mm l = 38 mm | clutch springs - length                   |

| DICHTUNGSSTÄRKEN          |                           | Gasket Thicknesses       |
|---------------------------|---------------------------|--------------------------|
| MOTORGEHÄUSE              | 0,3 mm                    | crank case               |
| KUPPLUNGSDECKEL           | 0,3 mm                    | clutch cover             |
| ZYLINDERFUSSDICHTUNG      | NACH BEDARF / as required | cylinder bottom gasket   |
| LIEFERBARE FUSSDICHTUNGEN | 0,2 / 0,3 / 0,5 mm        | available bottom gaskets |
| AUSPUFFSTUTZENDICHTUNG    | 1 mm                      | exhaust stub gasket      |
| ZYLINDERKOPFDICHTUNG      | 1 mm                      | cylinder head gasket     |

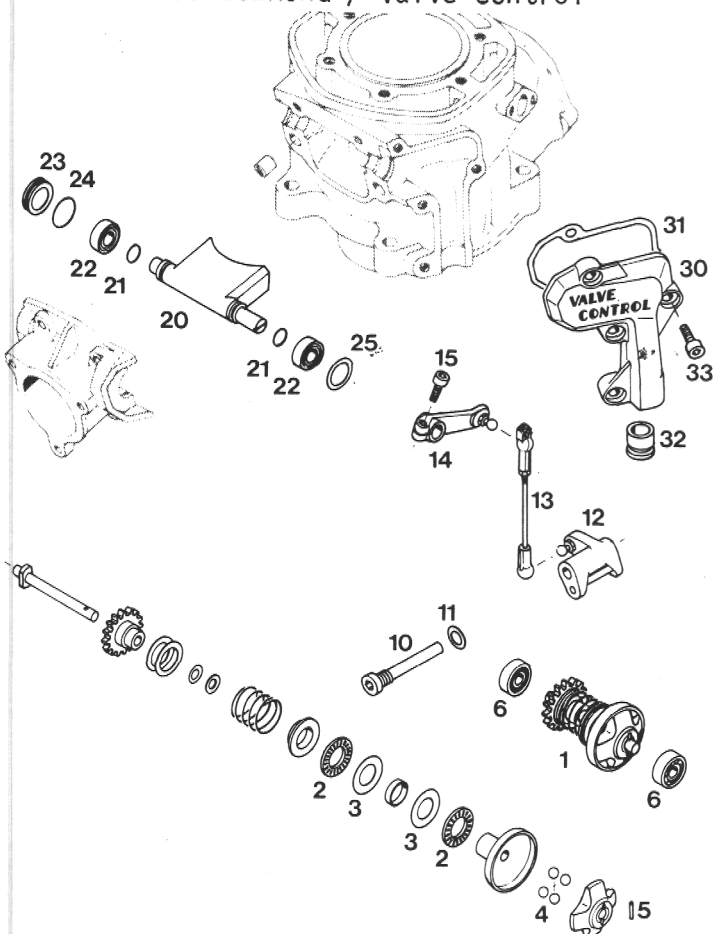
| ANZUGSDREHMOMENTE                 |            |                            | Tightening Torques              |
|-----------------------------------|------------|----------------------------|---------------------------------|
| ZYLINDER-STEHBOLZENMUTTERN        | M 8        | 29,4 Nm (3 kpm)            | cylinder spacer bolt nuts       |
| BUNDMUTTER-SCHWUNG (LINKSGEWINDE) | M 12 x 1   | 54 - 58,9 Nm (5,5 - 6 kpm) | flywheel collar nut (LH thread) |
| MUTTER FÜR PRIMÄRRAD              | M 18 x 1,5 | 54 - 58,9 Nm (5,5 - 6 kpm) | nut for primary sprocket        |
| MUTTER FÜR KUPPLUNGSMITNEHMER     | M 18 x 1,5 | 68,7 Nm (7kpm)             | nut for inner clutch hub        |
| MOTORGEHÄUSE- UND DECKELSCHRAUBEN | M 6        | 7,8 Nm (0,8 kpm)           | crankcase and cover bolts       |

# ZYLINDER / Cylinder



| BILD<br>Fig. | TEILENUMMER<br>Part number      | STK<br>Qty | BILD<br>Fig.                   | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|---------------------------------|------------|--------------------------------|----------------------------|------------|
| 1            | 545.30.005.044<br>ø 67,5 250 cc | 1          | 30                             | 544.35.006.000             | 1          |
| 1            | 545.30.105.044<br>ø 66,5 240 cc | 1          | 31                             | 544.35.037.000             | 1          |
| 2            | 490.30.090.000                  | 2          | 32                             | 545.35.027.000             | 1          |
| 3            | 500.30.026.000                  | 2          | 33                             | 570.05.027.000             | 1          |
| 4            | 545.30.030.002<br>0,2 mm        | x          | 40                             | 543.05.073.000             | 1          |
| 4            | 545.30.030.003<br>0,3 mm        | x          | 41                             | 544.30.046.000             | 1          |
| 4            | 545.30.030.005<br>0,5 mm        | x          | 42                             | 510.05.074.000             | 1          |
| 4            | 545.30.030.010<br>1,0 mm        | x          | 50                             | 0912 060203                | 7          |
| 5            | 543.30.043.000                  | 4          | 51                             | 0912 060253                | 7          |
| 6            | 0331 080003                     | 10         | 55                             | 0137 060000                | 10         |
| 10           | 545.30.006.000                  | 1          | x = NACH BEDARF<br>as required |                            |            |
| 11           | 545.30.036.000                  | 1          |                                |                            |            |
| 12           | 543.30.043.100                  | 6          |                                |                            |            |
| 20           | 544.30.051.044                  | 1          |                                |                            |            |
| 21           | 544.30.051.000                  | 1          |                                |                            |            |
| 22           | 542.30.052.000                  | 2          |                                |                            |            |
| 23           | 542.30.053.000                  | 2          |                                |                            |            |
| 24           | 0084 040083                     | 6          |                                |                            |            |
| 25           | 544.30.054.000                  | 1          |                                |                            |            |
| 26           | 0963 050163                     | 4          |                                |                            |            |
| 27           | 543.30.050.000                  | 1          |                                |                            |            |
| 28           | 543.30.061.000                  | 1          |                                |                            |            |

# AUSLASSTEUERUNG / Valve control



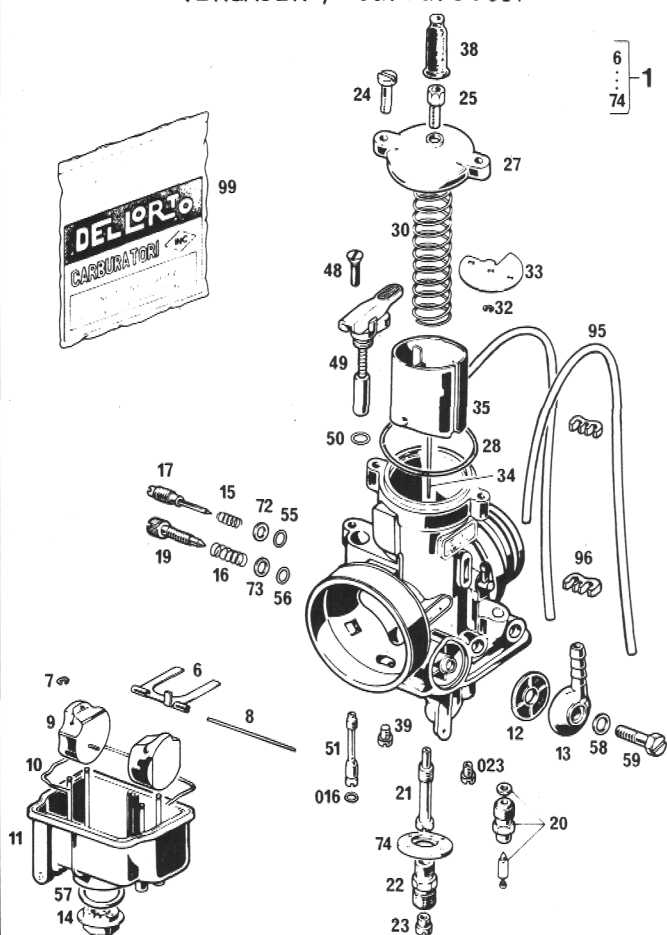
| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 1            | 545.37.050.044             | 1          |
| 2            | 545.37.099.000             | 2          |
| 3            | 545.37.098.000             | 2          |
| 4            | 545.37.097.000             | 4          |
| 5            | 0402 251380                | 1          |
| 6            | 0625 006087                | 2          |
| 10           | 545.37.030.000             | 1          |
| 11           | 0603 102151                | 1          |
| 12           | 545.37.024.044             | 1          |
| 13           | 545.37.026.044             | 1          |
| 14           | 545.37.022.044             | 1          |
| 15           | 0912 050123                | 1          |
| 20           | 545.37.020.000             | 1 250cc    |
| 20           | 545.37.120.000             | 1 240cc    |
| 21           | 0770 100020                | 2          |
| 22           | 0625 638002                | 2          |
| 23           | 545.37.010.000             | 1          |
| 24           | 0770 180020                | 1          |
| 25           | 0988 162210                | 1          |
| 30           | 545.37.005.000             | 1          |
| 31           | 545.37.006.000             | 1          |
| 32           | 545.37.007.000             | 1          |
| 33           | 0912 060163                | 4          |



# Engine Type 545 '87

# 240 - 250 cc

## VERGASER / Carburettor

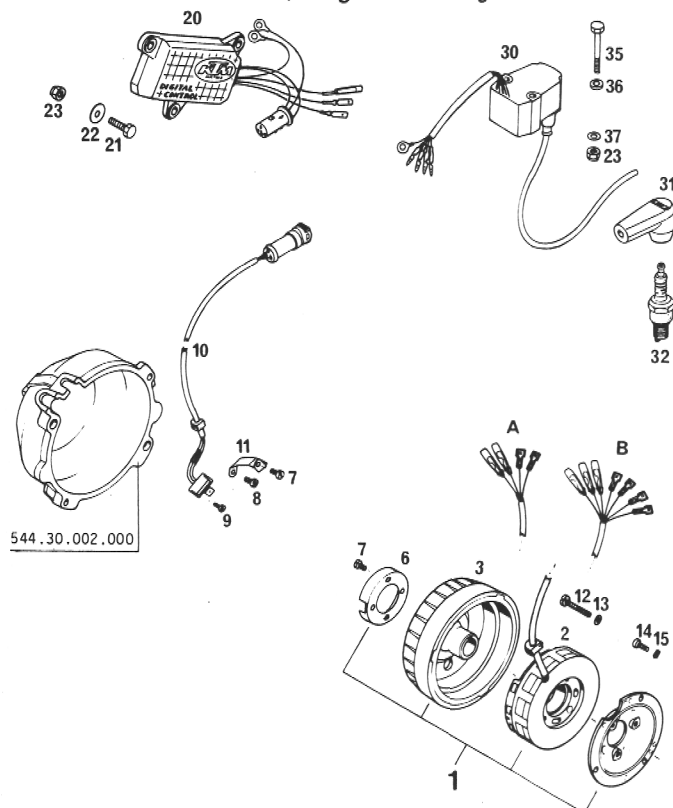


| BILD Fig. | TEILENUMMER Part number  | STK. Qty |
|-----------|--------------------------|----------|
| 1         | 544.31.501.044           | 1        |
|           | DELL'ORTO PHBE 38 QD(NS) |          |
| 6         | 501.31.106.000           | 1        |
| 7         | 0799 025000              | 2        |
| 8         | 570.31.508.000           | 1        |
| 9         | 501.31.109.000           | 2        |
| 10        | 570.31.510.000           | 1        |
| 11        | 544.31.511.000           | 1        |
| 12        | 151.31.112.000           | 1        |
| 13        | 570.31.513.000           | 1        |
| 14        | 570.31.514.000           | 1        |
| 15        | 570.31.515.000           | 1        |
| 16        | 520.31.116.000           | 1        |
| 016       | 510.31.116.100           | 1        |
| 17        | 570.31.517.000           | 1        |
| 19        | 570.31.519.000           | 1        |
| 20        | 572.31.120.300           | 1        |
| 21        | 544.31.121...*           | 1        |
| 22        | 570.31.522.000           | 1        |
| 23        | 570.31.523...*           | 1        |
| 023       | 151.31.123.0...*         | 1        |
| 24        | 570.31.524.000           | 2        |
| 25        | 570.31.525.000           | 1        |
| 27        | 501.31.127.000           | 1        |
| 28        | 570.31.528.000           | 1        |
| 30        | 544.31.530.000           | 1        |

| BILD Fig. | TEILENUMMER Part number | STK. Qty |
|-----------|-------------------------|----------|
| 32        | 0799 025055             | 1        |
| 33        | 544.31.532.000          | 1        |
| 34        | 544.31.534.000          | 1        |
| 35        | 544.31.535.000/30       | 1        |
| 38        | 520.31.138.000          | 1        |
| 39        | 501.31.139.000          | 1        |
| 48        | 0963 045143             | 1        |
| 49        | 501.31.149.000          | 1        |
| 50        | 0770 080010             | 1        |
| 51        | 570.31.551.0...*        | 1        |
| 55        | 0770 020040             | 1        |
| 56        | 0770 020080             | 1        |
| 57        | 0603 202701             | 1        |
| 58        | 0603 061001             | 1        |
| 59        | 0933 060163             | 1        |
| 72        | 570.31.572.000          | 1        |
| 73        | 570.31.573.000          | 1        |
| 74        | 501.31.174.000          | 1        |
| 95        | 501.31.137.000          | 2        |
| 96        | 830.13.096.000          | 2        |
| 99        | 501.31.199.000          | 1        |

\*AUFGESTEMPELTE NR.(GRÖSSE) ANGEBEN  
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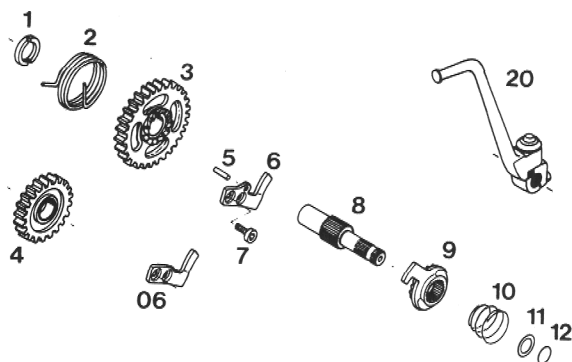
## ZÜNDANLAGE / Ignition system



| BILD Fig. | TEILENUMMER Part number        | STK. Qty |
|-----------|--------------------------------|----------|
| 1a        | 544.31.002.044 MX              | 1        |
| 1b        | 544.31.502.044 ENDURO 12V 90 W | 1        |
| 2a        | 544.31.002.050 MX              | 1        |
| 2b        | 544.31.502.050 ENDURO          | 1        |
| 3         | 544.31.002.051 MX,ENDURO       | 1        |
| 6         | 544.31.033.000                 | 1        |
| 7         | 0084 040063                    | 3        |
| 8         | 0500 040063                    | 1        |
| 9         | 0084 030063                    | 2        |
| 10        | 544.31.034.000                 | 1        |
| 11        | 544.31.003.000                 | 1        |
| 12        | 0085 050303                    | 3        |
| 13        | 0125 050003                    | 3        |
| 14        | 0985 040123                    | 3        |
| 15        | 0137 040003                    | 3        |

| BILD Fig. | TEILENUMMER Part number   | STK. Qty |
|-----------|---------------------------|----------|
| 20        | 544.31.031.000            | 1        |
| 21        | 0933 060203               | 2        |
| 21        | 0933 060253               | 1        |
| 22        | 0021 060003               | 3        |
| 23        | 0985 060003               | 5        |
| 30        | 545.31.006.000            | 1        |
| 31        | 544.31.010.000            | 1        |
| 32        | 543.31.093.009 NGK B 9 EG | 1        |
| 35        | 0931 060503               | 2        |
| 36        | 120.11.016.000            | 2        |
| 37        | 0125 060003               | 2        |

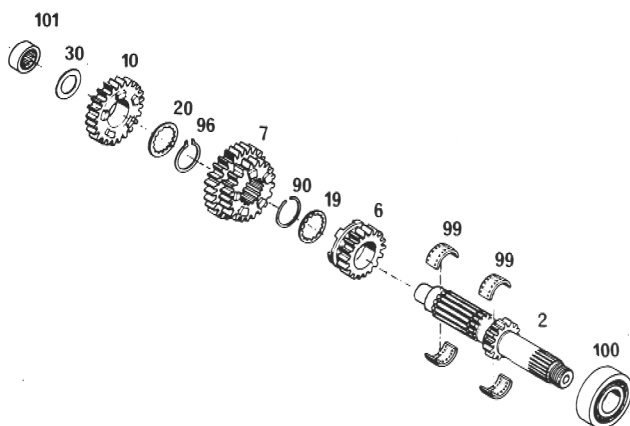
# KICKSTARTER / Kickstarter



| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 1            | 545.33.026.000             | 1          |
| 2            | 545.33.020.000             | 1          |
| 3            | 545.33.022.000             | 1          |
| 4            | 545.33.024.000             | 1          |
| 5            | 0325 040160                | 1          |
| 6            | 545.33.027.100             | 1          |
| 06           | 545.33.027.000             | x          |
| 7            | 0984 060183                | 2          |
| 8            | 545.33.021.000             | 1          |
| 9            | 545.33.023.044             | 1          |
| 10           | 490.33.028.000             | 1          |
| 11           | 490.33.031.000             | 1          |
| 12           | 0770 130015                | 1          |
| 20           | 543.33.036.000             | 1          |

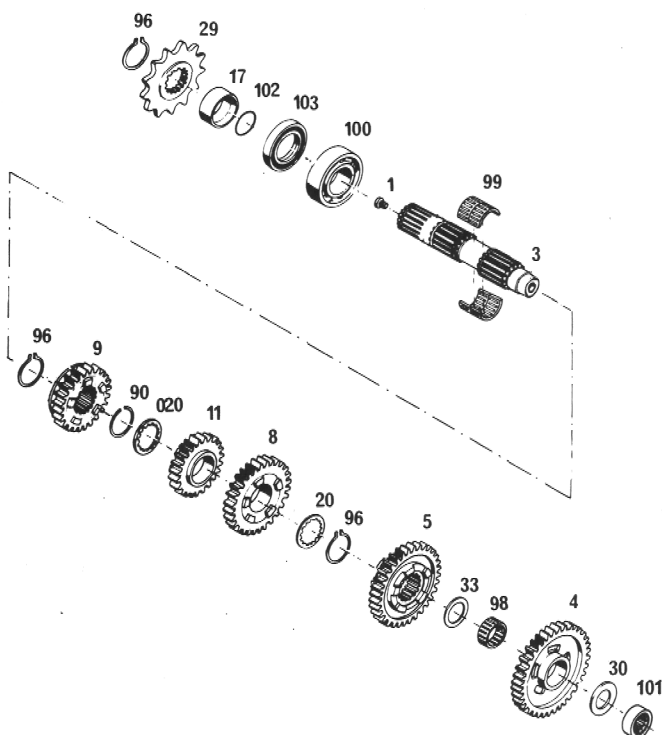
x=NACH BEDARF  
as required

# GETRIEBE I / Transmission I



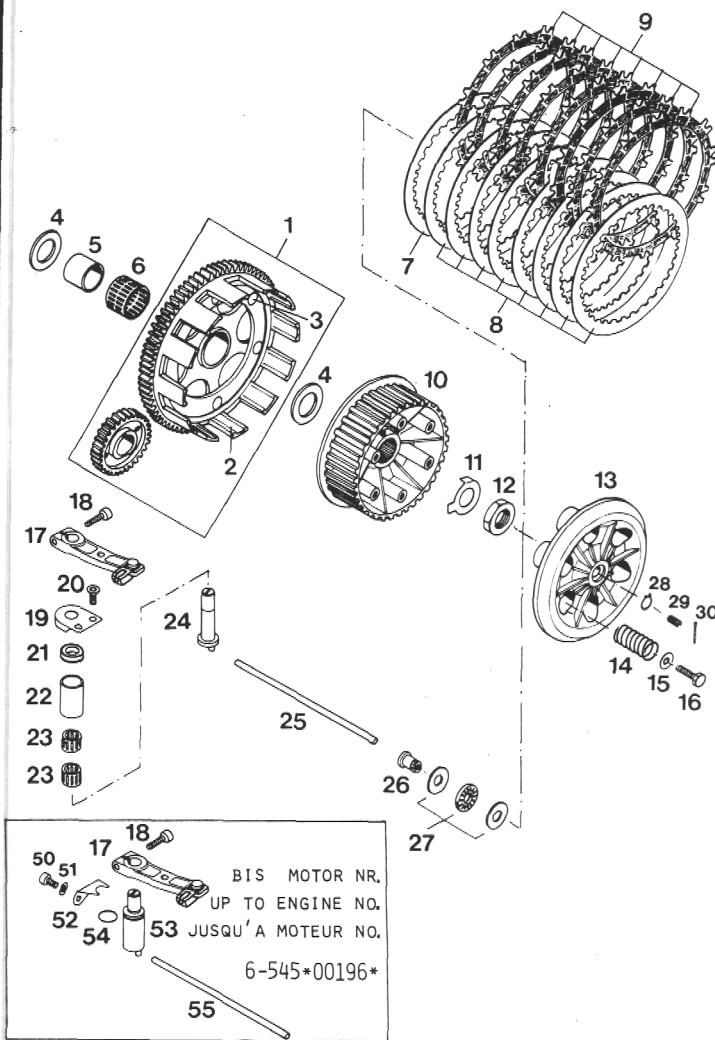
| BILD<br>Fig. | TEILENUMMER<br>Part number | STK/Qty<br>MX ENDURO |
|--------------|----------------------------|----------------------|
| 2            | 545.33.002.000             | 1 -                  |
|              | 545.33.102.000             | - 1                  |
| 6            | 543.33.106.000             | 1 -                  |
|              | 544.33.506.000             | - 1                  |
| 7            | 543.33.107.711             | 1 -                  |
|              | 544.33.507.000             | - 1                  |
| 10           | 543.33.110.000             | 1 1                  |
| 19           | 510.33.019.100             | 1 1                  |
| 20           | 510.33.020.100             | 1 1                  |
| 30           | 560.33.030.000             | 1 1                  |
| 90           | 520.33.090.100             | 1 1                  |
| 96           | 520.33.096.000             | 1 1                  |
| 99           | 520.33.099.000             | 2 2                  |
| 100          | 0625 201029                | 1 1                  |
| 101          | 543.33.093.000             | 1 1                  |

# GETRIEBE II / Transmission II



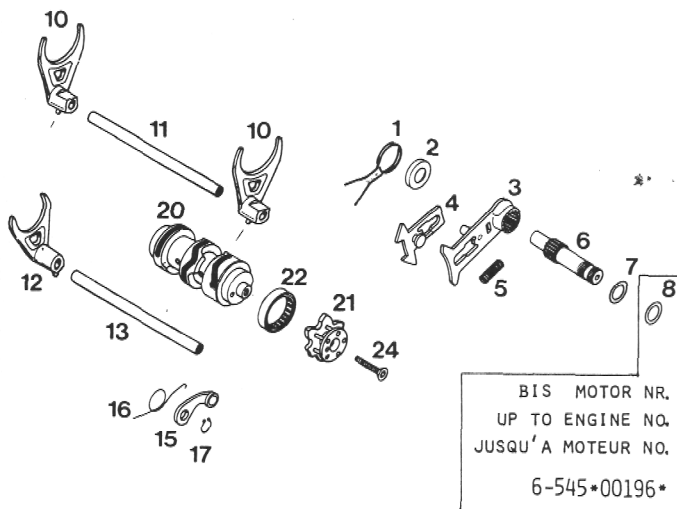
| BILD<br>Fig. | TEILENUMMER<br>Part number | STK/Qty<br>MX ENDURO | BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|----------------------|--------------|----------------------------|------------|
| 1            | 541.33.001.000             | 1 1                  | 100          | 0625 062058                | 1          |
| 3            | 543.33.103.000             | 1 1                  | 101          | 543.33.093.000             | 1          |
| 4            | 543.33.204.000             | 1 -                  | 102          | 0770 020220                | 1          |
|              | 544.33.504.000             | - 1                  | 103          | 0760 324770                | 1          |
| 5            | 543.33.105.000             | 1 -                  |              |                            |            |
|              | 544.33.505.000             | - 1                  |              |                            |            |
| 8            | 543.33.108.000             | 1 -                  |              |                            |            |
|              | 543.33.508.000             | - 1                  |              |                            |            |
| 9            | 543.33.109.000             | 1 1                  |              |                            |            |
| 11           | 543.33.111.000             | 1 -                  |              |                            |            |
|              | 544.33.511.000             | - 1                  |              |                            |            |
| 17           | 560.33.017.000             | 1 1                  |              |                            |            |
| 20           | 510.33.020.100             | 1 1                  |              |                            |            |
| 020          | 510.33.020.200             | 1 1                  |              |                            |            |
| 29           | 500.33.029.013             | 1 -                  |              |                            |            |
| 29           | 500.33.029.014             | - 1                  |              |                            |            |
| 30           | 560.33.030.000             | 1 1                  |              |                            |            |
| 33           | 500.33.033.000             | 1 1                  |              |                            |            |
| 90           | 520.33.090.100             | 1 1                  |              |                            |            |
| 96           | 520.33.096.000             | 3 3                  |              |                            |            |
| 98           | 520.33.098.000             | 1 1                  |              |                            |            |
| 99           | 520.33.099.000             | 2 2                  |              |                            |            |

# KUPPLUNG / Clutch



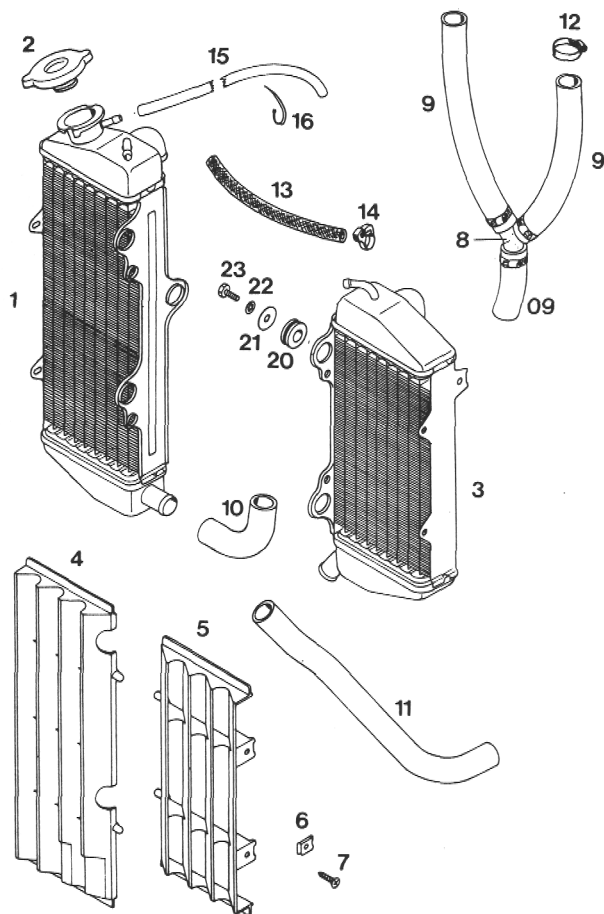
| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty | BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|--------------|----------------------------|------------|
| 1            | 545.32.001.044             | 1          | 21           | 545.32.093.000             | 1          |
| 2            | 565.32.001.000             | 1          | 22           | 545.32.091.000             | 1          |
| 3            | 565.32.007.000             | 6          | 23           | 545.32.090.000             | 2          |
| 4            | 565.32.012.000             | 2          | 24           | 545.32.015.100             | 1          |
| 5            | 565.32.096.000             | 1          | 25           | 545.32.017.100             | 1          |
| 6            | 565.32.095.000             | 1          |              | 194,5 mm                   |            |
| 7            | 560.32.012.100             | 1          | 26           | 501.32.032.000             | 1          |
|              | 1,4 mm                     |            | 27           | 543.32.030.000             | 1          |
| 8            | 560.32.012.200             | 8          | 28           | 0471 100010                | 1          |
|              | 1,0 mm                     |            | 29           | 501.32.033.000             | 1          |
| 9            | 545.32.011.000             | 8          | 30           | 0094 150223                | 1          |
| 10           | 565.32.002.000             | 1          |              |                            |            |
| 11           | 565.32.018.000             | 1          | 50           | 0912 060103                | 1          |
| 12           | 0936 181505                | 1          | 51           | 0137 060000                | 1          |
| 13           | 565.32.003.000             | 1          | 52           | 501.32.013.100             | 1          |
| 14           | 545.32.001.100             | 6          | 53           | 545.32.015.000             | 1          |
| 15           | 502.32.050.000             | 6          | 54           | 0770 021120                | 1          |
| 16           | 0933 060203                | 6          | 55           | 545.32.017.000             | 1          |
| 17           | 545.32.014.000             | 1          |              | 186,5 mm                   |            |
| 18           | 0912 060203                | 1          |              |                            |            |
| 19           | 545.32.013.000             | 1          |              |                            |            |
| 20           | 0991 060122                | 2          |              |                            |            |

## SCHALTUNG / Shifting mechanism



| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 1            | 565.34.014.200             | 1          |
| 2            | 565.34.020.000             | 1          |
| 3            | 565.34.007.200             | 1          |
| 4            | 565.34.008.200             | 1          |
| 5            | 565.34.013.100             | 1          |
| 6            | 565.34.005.100             | 1          |
| 7            | 490.33.031.100             | 1          |
|              | 1,5 mm                     |            |
| 8            | 490.33.031.000             | x          |
|              | 1,0 mm                     |            |
| 9            | 565.34.022.000             | 1          |
| 10           | 541.34.018.000             | 2          |
| 11           | 543.34.017.000             | 1          |
| 12           | 541.34.019.000             | 1          |
| 13           | 545.34.017.000             | 1          |
| 15           | 565.34.024.044             | 1          |
| 16           | 545.34.023.000             | 1          |
| 17           | 0471 100010                | 1          |
| 20           | 545.34.012.000             | 1          |
| 21           | 545.34.015.044             | 1          |
| 22           | 501.34.026.000             | 1          |
| 24           | 565.34.016.000             | 1          |

## KÖHLSYSTEM / Cooling system

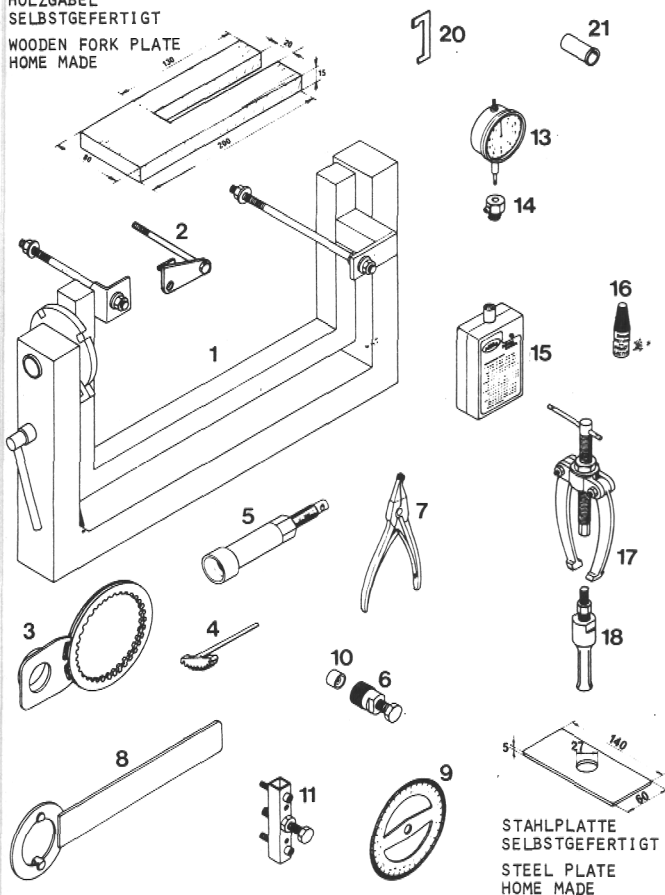


| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 1            | 545.35.008.000             | 1 (4.5036) |
| 2            | 490.35.016.000             | 1          |
| 3            | 545.35.007.000             | 1 (4.5035) |
| 4            | 545.35.134.000             | 1          |
| 5            | 545.35.034.000             | 1          |
| 6            | 502.35.033.000             | 4          |
| 7            | 0983 480223                | 4          |
| 8            | 565.35.026.000             | 1          |
| 9            | 565.35.025.001             | 0,46       |
| 09           | 565.35.027.050             | 1          |
| 10           | 565.35.027.000             | 1          |
| 11           | 545.35.025.000             | 1          |
| 12           | 100.01.020.000             | 10         |
| 13           | 544.35.024.001             | 0,18       |
| 14           | 544.35.023.100             | 2          |
| 15           | 550.07.016.001             | 0,45       |
| 16           | 440.11.076.155             | x          |
| 20           | 410.01.052.000             | 6          |
| 21           | 510.06.097.000             | 6          |
| 22           | 0797 060003                | 6          |
| 23           | 0933 060163                | 6          |

x = NACH BEDARF / as required

## SPEZIALWERKZEUG / Special tools

HOLZGABEL  
SELBSTGEFERTIGT  
WOODEN FORK PLATE  
HOME MADE



| BILD<br>Fig. | TEILENUMMER<br>Part number | STK<br>Qty |
|--------------|----------------------------|------------|
| 1            | 560.12.001.000             | 1          |
| 2            | 543.12.001.050             | 1          |
| 3            | 545.12.003.000             | 1          |
| 4            | 560.12.004.000             | 1          |
| 5            | 544.12.008.000             | 1          |
| 6            | 6.276.807                  | 1          |
| 7            | 510.12.011.000             | 1          |
| 8            | 544.12.012.000             | 1          |
| 9            | 510.12.014.000             | 1          |
| 10           | 510.12.016.000             | 1          |
| 11           | 543.12.021.000             | 1          |
| 13           | 501.12.013.000             | 1          |
| 14           | 501.12.030.000             | 1          |
| 15           | 544.12.040.000             | 1          |
| 16           | 6.899.786                  | 1          |
|              | Loctite 242 blue           |            |
| 17           | 151.12.017.000             | 1          |
| 18           | 151.12.018.100             | 1          |
| 20           | 545.12.022.000             | 1          |
| 21           | 565.12.005.014             | 2 ø14      |

STAHLPLATTE  
SELBSTGEFERTIGT  
STEEL PLATE  
HOME MADE