

## SECTION 2 : SEWAGE TRTREATMENT PLNAT AND NETWORK REQUIREMENTS

### SECTION 2-1: SPARE PARTS FOR SEWAGE TREATMENT PLANTS AND SEWAGE PUMPING STATION

| CODE NO.   | DESCRIPTION                         | QTY     |
|------------|-------------------------------------|---------|
| 03-01-0748 | CIRCUIT BREAKER                     | 50      |
| 03-01-0749 | OVER LOADS                          | 730     |
| 03-01-0750 | CONTACTORS , AC, DC                 | 1271    |
| 03-01-0751 | ISOLATERS                           | 425     |
| 03-01-0752 | FUSES , KNIEF TYPE , CYLINDER TYPE  | 4000    |
| 03-01-0753 | PVC CABLES                          | 1500 ML |
| 03-01-0754 | POWER FACTER CORRECTION UNIT        | 6       |
| 03-01-0755 | LOWER BEARING FOR SCROW PUMP        | 24      |
| 03-01-0756 | BEARINGS                            | 100     |
| 03-01-0757 | GATE VALVE                          | 102     |
| 03-01-0758 | FUSE BASE                           | 310     |
| 03-01-0759 | WHEELS FOR SETTLING TANKS           | 200     |
| 03-01-0760 | DIFFERENT TYPE OF ELECTRICAL MOTORS | 20      |

### SECTION 2-2: SEWAGE SUBMERSIBLE PUMPS WITH THE FOLLOWING INSTALLATION

| CODE NO.   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                             | QTY |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 03-01-0761 | 3 INCH DIAMETER<br>DN: 80 MM<br>SOLIDE SIZE: 70- 80MM<br>H: 16 M Q: 15 I/S                                                                                                                                                                                                                                                                                                                                              | 100 |
| 03-01-0763 | 4 INCH DAMETER<br>DN: 100MM<br>SOLIDE SIZE: 90-100 MM<br>H: 20 M, Q : 40 I/S                                                                                                                                                                                                                                                                                                                                            | 100 |
| 03-01-0764 | 6 INCH DIAMETER<br>DN: 150 MM<br>SOLIDE SIZE: 90-100 MM<br>H: 10 M Q : 60 I/S                                                                                                                                                                                                                                                                                                                                           | 50  |
| 03-01-0765 | 8 INCH DIAMETER<br>DN: 200 MM<br>SOLIDE SIZE :90-100 MM<br>H: 10 M Q: 120 I/S                                                                                                                                                                                                                                                                                                                                           | 50  |
| 03-01-0766 | 12 INCH DIAMETER<br>DN: 300 MM<br>SOLIDE SIZE 100-140MM<br>H : 10M Q: 220 I/S<br><br><b>ACCESSORIES:</b><br>DISCHARGE ELBOW WITH FLANGE<br>FLANGE SLEEVE<br>DISCHARGE HOSE WITH HOSE CLIPS ( L HEAD)<br>SKIRT BASE<br>CHAIN WITH SHACKLE<br>CONTROL PANEL& CONTROL SYSTEM<br>CABLE TYPE STATING : STAR / DELTA<br>WET TRANSPORTABLE<br>CABLE LENGTH 30 M<br>WITH 20% SPARE PARTS, INCLUDING WIERS FOR MOTOR MAINTENANCE | 10  |
| 03-01-0767 | SECTION 2-3: DIFFERENT TYPE OF VERTICAL SEWAGE WITH ELECTRIC MOTORS AND GARDENS                                                                                                                                                                                                                                                                                                                                         | 30  |
| 03-01-0768 | SECTION 2-4: DIFFERENT SIZE OF DIESEL GENERATING SET FOR SEWAGE TREATMENT PLANT                                                                                                                                                                                                                                                                                                                                         | 11  |
| 03-01-0769 | SECTION 2-5: DIFFERENT SIZE OF DIESEL GENERATING SET FOR SEWAGE PUMPING STATIONS                                                                                                                                                                                                                                                                                                                                        | 20  |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 03-01-0770 | <b>SECTION 2-6: SAFETY REQUIREMENTS FOR SEWAGE WORK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
| 03-01-0771 | <b>SECTION 2-7: SEWAGE TREATMENT COMPACT UNIT FLOW 10000 M3 / DAY POPULATION 50000</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4        |
|            | <b>SECTION 2-8: DIFFERENT TYPE OF PIPES FOR SEWAGE WORK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
|            | GRP PIPES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24000 ML |
| 03-01-0772 | CONCRETE PIPES ,SHIELD OUTER DIAMMETER = 2420MM) , (2000MM) INNER DIAMETER , (3M) LENGTH , WITH PVC INTERNAL LINNING , TO BE DRIVEN BY MICRO TUNNELING MACHINE .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 700ML    |
| 03-01-0773 | DIFFERENT TYPE OF EQUIPMENT FOR REPAIR AND MAINTENANCE OF SEWAGE PIPES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10       |
|            | <b>SECTION 2-9: MATERIAL AND EQUIPMENTS FOR SEWAGE WORK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
| 03-01-0774 | <b>CCTV SURVEY STEP VAN :</b><br>ACCESSIBILITYTHROUGHOUT . THE INTERIOR IS DIVIDED IN TO THREE ROOMS : DRIVER AREAOPERATOR CONTROL ROOM WITH A AND ARE MOUNTED FOR QUICK AND EASY OPERATOR INSPECTION . THE EQUIPMENT COMPONENTS ARE:<br>ROTATION PAN AND TILT HEAD CAMERA FOR INSPECTION 150 10 600 MM<br>PIPELINE AND ADDITIONAL LIGHTING FOR UP TO 900 MM DIA . PIPELINE<br><br>150 TO 450 MM SKID SET<br><br>CAMERA MAINTENANCE KIT.<br>MAINLINE TRACTOR TRANSPORT UNIT WITH CAMERA ERADLE , TRACTOR EXTENSION KIT , TRACTOR<br><br>STORAGE RACK , (6) STANDARD KNOBBY TIRES .<br><br>HAND HELD AUXILIARY CONTROLLER PORTABLE CONTROL UNIT 8 INCH MONITOR WITH VCR , MICROPHONE AND FOOTAGE DISPLAY .<br>COMPACT PORTABLE REEL WITH WHEELS WITH 300 M SINGLE CONDUCTOR CABLE CAN<br>BY PLACED DIRECTLY OVER MANHOLE AND / OR VEHICLE MOUNTED .<br>DOWNHOLE ROLLERS, SINGLE MANHOLE SETUP INCLUDING TOP MANHOLE ROLLER , DOUBLE ROLLER<br>MANHOLE HOOKS, EXTENSION POLE , GRAB HOOK BUMPER ROLLER LOWERING ROPE.<br><br>HAND HELD TITLE GENERATOR<br>CABLES INCLUDING TEST CABLE, CABLE KIT,TRUCK INSTALL AND AC POWER CORD.<br><br>4 NO. KNOBBY BALLOON TIRES<br><br>MANUALS & VIDEOS INCLUDING TRACTOR MANUAL,MAINLINE<br><br>OPERATIONS MANUAL AND VIDEO, PIG TAIL & LIGHT BULB<br><br>REPLACEMENT VIDEO.<br>HIGH RESOLUTION IN MINI MAINLINE CAMERA AND 45M PUSH CABLE WITH TRACTOR<br><br>ADOPTER TUBE FOR INSPECTION OF 75 TO 300MM PIPELINE | 2        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>03-01-0775</b> | <b>MULTI GAS DETECTOR -4 GASES SUITABLE FOR SEWER AND CONFINED SPACE, AND BREATHING EQUIPMENT TO BE USED IN THE REPAIR AND MAINTENANCE OF SEWAGE PUMPING STATIONS AND SEWAGE NET WORKS AND MANHOLES CLEANING FLOW GAGES TO MEASURE FLOWS IN WASTEWATER COLLECTIONSYSTEMS. THE EQUIPMENT SHALL BE CAPABLE OF COLLECTING DEPTH AND VELOCITY MEASUREMENTS AT PRE-SET INTERVALS SUCH AS 1.0,2.0 2.5,5.0 AND 10 MLNULCE IEPORL AND ANALYSES FLOW DATA IN FORM OFHOURLY ,DAILY,WEEKLY,MONTHLY ROORDS AND HYDROGRAPH.IT SHALLBE ABLE TO PERFORM REMOTE EQUIPMENT DIAGNOSTIES TO CONFIRMSENSOR ACCURACY AND SELECT USER- DEFINED REPORTING FORMAT</b> | 20 |
| <b>03-01-0776</b> | <b>RAINFALL GAUGES:THE EQUIPMENT SHALL BE CAPABLE OF COLLECTING,REPORT AND ANALYZE RAINFALL DATA AND PRESENT THE INFORM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50 |
| <b>03-01-0777</b> | <b>RAINFALL GAUGES:THE EQUIPMENT SHALL BE CAPABLE OF COLLECTING,REPORT AND ANALYZE RAINFALL DATA AND PRESENT THE INFORM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 |

### SECTION 3 : MACHIINARY AND EQUIPMENT

#### 1. WHEEL LOADER QTY 30

| CODE NO.          | DESCRIPTION                                                             | QTY |
|-------------------|-------------------------------------------------------------------------|-----|
| <b>03-01-0778</b> | <b>ENGINE : DEESEL-6 CYLINDER ,INLINE , 4 STROCK , DIRECT INJECTION</b> |     |
|                   | <b>WATER COOLED , TROPICAL</b>                                          |     |
|                   | <b>POWER : NOT LESS THAN 160 HP</b>                                     |     |
|                   | <b>OPERATING WEIGHT: 12-15 TON</b>                                      |     |
|                   | <b>MANUAL HUDRAULIC OPERATION</b>                                       |     |
|                   | <b>BUCKET CAPACITY (2.2- 2.6) M3 WITH TEETH AND CUTTING EDGE FOR</b>    |     |
|                   | <b>GENARAL PURPOSE</b>                                                  |     |
|                   | <b>GRADABILTY : NOT LESS THAN 20 DIGREE</b>                             |     |
|                   | <b>WITH CABINET AIR CONDITION</b>                                       |     |
|                   | <b>20% SPARE PARTS</b>                                                  |     |

#### 2. GRADER QTY 10

| CODE NO.          | DESCRIPTION                                                                  | QTY |
|-------------------|------------------------------------------------------------------------------|-----|
| <b>03-01-0779</b> | <b>ENGINE :DEISEL ENGINE CYLINDER, DIRECT INJCTION WATER COOLED TROPICAL</b> |     |
|                   | <b>POWER : (140-160) HP</b>                                                  |     |
|                   | <b>MANUAL HYDRAULIC OPERATION</b>                                            |     |
|                   | <b>NO OF WHEEL 6</b>                                                         |     |
|                   | <b>HYDRAULIC BRAKE SYSTEM</b>                                                |     |
|                   | <b>CHAIN FOR CONNECT REAR AXLE</b>                                           |     |
|                   | <b>WITH CABINE</b>                                                           |     |
|                   | <b>20% SPARE PARTS</b>                                                       |     |

#### 3. TRUCK TRACTOR EQUIPPED WITH 50 TON SEMITRAILER

| CODE NO. | DESCRIPTION                                                            | QTY |
|----------|------------------------------------------------------------------------|-----|
|          | <b>6×4 REAR TANDUM DRIVE QTY 4</b>                                     |     |
|          | <b>ENGINE: DIESEL ENGINE, WATER COOLED DIRECT INJECTION , TROPICAL</b> |     |
|          | <b>POWER : NOT LESS THAN 300 HP</b>                                    |     |
|          | <b>GEAR BOX: MANUAL</b>                                                |     |
|          | <b>3.5 FIXED FIFTH WHEEL</b>                                           |     |

|            |                                                         |
|------------|---------------------------------------------------------|
| 03-01-0780 | TIRE 1200 ×20 OR 1200×24                                |
|            | LOW BED : 3 AXLE , 4 WHEEL IN EACH                      |
|            | FLOORING :FULLY COVERD WITH CHEQUER STEEL PLATE         |
|            | KINGPINS 3.5 INCH BOLTED TYPE                           |
|            | TYRES 1200×20 , 18PR,                                   |
|            | TOW LANDING GEAR MANUAL OPERATED                        |
|            | WIDTH ( 280- 300) MM                                    |
|            | LANDING PLATE FORM LENGTH (7-8) M                       |
|            | LANDING PLATE HIGHT (880-1000) MM                       |
|            | BRAKING SYSTEM                                          |
|            | ELECTRIC SYSTEM                                         |
|            | LOADING RAMPS WITH SPRING ASSISTED , STEEL PLATE COVRED |
|            | EASILY OPERATED MANUALY                                 |
|            | 2SPARE TYRES FOR LODDER AND FOR TRUCK                   |
|            | 2 SPARE TYRES CARIER                                    |
|            | 20% SPARE PARTS                                         |
|            | CABIENT AIR CONDITION                                   |

| 4. CEMENT FILLER TANK TRUCK 6×4 QTY 10 |                                                                        |     |
|----------------------------------------|------------------------------------------------------------------------|-----|
| CODE NO.                               | DESCRIPTION                                                            | QTY |
|                                        | ENGINE : DIESEL , DIRECT INJECTION, 6 CYLINDER , WATER COOLED TROPICAL |     |
|                                        | POWER : NOT LESS THAN 300 HP                                           |     |
|                                        | GEAR MANUAL                                                            |     |
|                                        | CLUTCH DRY PLATE                                                       |     |
|                                        | PAY LOAD NOT LESS THAN 40 TON                                          |     |
|                                        | FIXED FIFTH WHEEL 3.5 INCH , CABINET , AIR CONDITION                   |     |
|                                        | TANK SPICEFICATION                                                     |     |
|                                        | CAPCITY 35 M3 STRAIGHT TYPE                                            |     |
|                                        | EGUIPPED WITH COMPLET DISCHARGE SYSTEM                                 |     |
|                                        | WITH AIR COMPRESSOR ,(7- 10) BAR DISCHARGE 20 M HIGHT                  |     |

|            |                                     |
|------------|-------------------------------------|
| 03-01-0781 | AIR COOLED DIESEL ENGINE (60-70) HP |
|            | TOW SPARE TYRES WITH CARRIER        |
|            | FIRE EXTINGUISHER TOOLS             |
|            | TOW LANDING STAND MANUALY OPERATED  |
|            |                                     |
|            | 20% SPARE PARTS                     |

#### 5. FULL HYDRAULIC TRUCK CRANE 8×4 30 TON , QTY 4

| CODE NO.   | DESCRIPTION                                                        | QTY |
|------------|--------------------------------------------------------------------|-----|
| 03-01-0782 | ENGINE : DIESEL ENGINE , DIRECT INJECTION , WATER COOLED ,TROPICAL |     |
|            | 6 CYLINDER                                                         |     |
|            | POWER :250 HP                                                      |     |
|            | GEAR MANUAL WITH PTO                                               |     |
|            | CLUTCH DRY TYPE                                                    |     |
|            | TELESCOPIC                                                         |     |
|            | SWING CONTINOUSE 360 DEGREE EGUPPIED WITH NORMAL, CLOSED BRAKE     |     |
|            | 4 LEGS AND GOOD SAFTY SYSTEM                                       |     |
|            | LIFTING WEIGHT 30 TON                                              |     |
|            | LIFTING HIGHT 24 M                                                 |     |
|            | WITH CABINET AIR CONDITION                                         |     |
|            | 12 TYRE 1200 ×20                                                   |     |
|            |                                                                    |     |
|            | 10% SPARE PARTS                                                    |     |

#### 6. WHEEL EXCAVATOR QTY 20

| CODE NO. | DESCRIPTION                                                               | QTY |
|----------|---------------------------------------------------------------------------|-----|
|          | ENGINE : DEISEL , 6 CYLINDER , DIRECT INJECTION , WATER COOLED , TROPICAL |     |
|          | POWER: NOT LESS THAN 150 HP                                               |     |
|          | MANUAL HYDRAULIC OPERATION                                                |     |
|          | OPERATING WEIGHT (14-15) TON                                              |     |
|          | 2 BUCKET (0.5,0.8-1) M3 WITH TEETH                                        |     |
|          | DIGGEING DEPTH (5-7) M                                                    |     |
|          |                                                                           |     |
|          | MAX DIGGING REACH (7.5-9)M                                                |     |

|            |                       |
|------------|-----------------------|
| 03-01-0783 | DOZER PLATE           |
|            | 2 HYDRAULIC LEGS      |
|            | JACK HUMMER           |
|            | CABINET AIR CONDITION |
|            |                       |
|            | 20% SPARE PARTS       |

**7. DRINKING WATER TANKER 6×4 QTY 20**

| CODE NO.   | DESCRIPTION                                                                         | QTY |
|------------|-------------------------------------------------------------------------------------|-----|
| 03-01-0784 | ENGINE :DIESEL , DIRECT INJECTION , 6 CYLINDER , 4 STROCK , WATER COOLED , TROPICAL |     |
|            | POWER : NOT LESS THAN 300 HP                                                        |     |
|            | CLUTCH DRY                                                                          |     |
|            | GEAR MANUAL                                                                         |     |
|            | TRYES 1200 ×20 WITH SPARE TYRE                                                      |     |
|            | SPARE CARRIER                                                                       |     |
|            | TANK: CAPACITY 16000 L                                                              |     |
|            | STEEL THICKNESS , NOT LESS THAN 5 MM WITH INSIDE BAFFLE PLATE                       |     |
|            | TOP MANHOLE                                                                         |     |
|            | ONE PUMP PTO OPERATED,CENTRIFUGAL TYPE 60 M3/HR                                     |     |
|            | 10 M HEAD WITH DELIVERY HOSE (1.5) INCH , 20 M LONG                                 |     |
|            | REAR DISCHARG VALVE 3 INCH HOSE , 5 M LONG                                          |     |
|            | FRONT SPRAY SYSTEM                                                                  |     |
|            | 20% SPARE PARTS                                                                     |     |

**8. ROAD SWEEPERS QTY.50**

| CODE NO. | DESCRIPTION                                                        | QTY |
|----------|--------------------------------------------------------------------|-----|
|          | CHASSIS CAB: 4×2 (LEFT AND RIGHT STEERING)                         |     |
|          | PALLOAD : 5-7 TON                                                  |     |
|          | FRONT ENGINE :                                                     |     |
|          | DIESEL WATER COOLED , 6 CYLINDER , DIRECT INJECTION PUMP, TROPICAL |     |
|          | POWER : NOT LESS THAN 160 HP                                       |     |
|          | BODY CAPACITY: 6-7 M3                                              |     |
|          | WATER TANK : 1-1.2 M3                                              |     |

|            |                                                      |
|------------|------------------------------------------------------|
| 03-01-0785 | SUCTION PIPE: 200-250 MM DIAMETER                    |
|            | DSIDE BRUSH :700 MM DOUBLE SIDE                      |
|            | CENTER BRUSH : 400MM ×1300-1500MM                    |
|            | AUXILIARY ENGINE :                                   |
|            | DIESEL , 4 CYLINDER WATER COOLED TROPICAL            |
|            | DIRECT INJECTION PUMP                                |
|            | ENGINE POWER NOT LESS THAN 80 HP                     |
|            | EQUIPPED WITH REAR SUCTION HOSE WITH 20% SPARE PARTS |
|            |                                                      |

**9. TIPPING TRUCK QTY 40**

| CODE NO.   | DESCRIPTION                                            | QTY |
|------------|--------------------------------------------------------|-----|
| 03-01-0786 | GHASSIS : 4×2                                          |     |
|            | ENGINE : 4 STROCK , 6 CYLINDER , WATER COOLED TROPICAL |     |
|            | POWER : NOT LESS THAN 260 HP                           |     |
|            | CLUTCH : SINGLE PLATE                                  |     |
|            | GEAR BOX : MANUAL                                      |     |
|            | PAYLOAD: (8-10) TON                                    |     |
|            | TYRE SIZE : 1200×20 DISC TYPE                          |     |
|            | BODY CAPACITY : 8M3                                    |     |
|            | 7 MM PLATRORM , 5MM SIDES, 20% SPARE PARTS             |     |
|            |                                                        |     |

**10. SELF PRIMING MOTOR PUMP SET -4" QTY 15**

| CODE NO. | DESCRIPTION                                                                    | QTY |
|----------|--------------------------------------------------------------------------------|-----|
|          | ENGINE : AIR COOLING , DIRECT INJECTION , DIESEL , 2 CYLINDER<br>INLINE        |     |
|          | (30-35) KW                                                                     |     |
|          | ELECTRIC MOTOR START                                                           |     |
|          | PUMP: Q =NOT LESS THAN 150 M3/H , H= 20 m                                      |     |
|          | SELF PRIMING WITH VACUM SYSTEM, IMPELLER CAST IRON HIGH<br>QUALITY             |     |
|          | SOLID HANLING O= 50MM                                                          |     |
|          | INLET 4 INCH WITH 4 PVC RUBBER HOSES 5M LONG -2 CLAMPS                         |     |
|          | OUTLET 4 INCH WITH 2 PVC RUBBER HOSES 10M LONG - 2CLAMPS<br>FLEEXIBLE COUPLING |     |
|          | DRAW BOX , AXLE AND WHEEL TYPE TRACTOR WITH FRONT LEG                          |     |
|          |                                                                                |     |

|            |                                                                                   |
|------------|-----------------------------------------------------------------------------------|
| 03-01-0787 |                                                                                   |
|            | <b>SELF PRIMING MOTOR PUMP SET 6 " QTY 20</b>                                     |
|            | ENGINE : AIR COOLING DISELE , DIRECT INJECTION , 3 CYLINDER<br>INLINE             |
|            | (55-60) KW                                                                        |
|            | 12 VOLT ELECTRIC MOTOR START                                                      |
|            | PUMP: Q=NOT LESS THAN 300M3/H, H=20M                                              |
|            | SELF PRIMING WITH VACUM SYSTEM .                                                  |
|            | IMPELLER HIGH QUILTY CAST IRON SOLID HANDLING O= 75MM                             |
|            | INLET 6 INCH WITH 4 PVC RUBBER HOSES 5M LONG - 2 CLAMPS                           |
|            | OUTLET 6 INCH WITH 2 PVC RUBBER HOSES 10 M LONG -2 CLAMPS                         |
|            | FLEXIBLE COUPLING                                                                 |
|            | DRAW BAR , AXLE AND WHEEL TYPE TRACTOR WITH FRONT LEG                             |
|            |                                                                                   |
|            | <b>SELF PRIMING MOTOR SET 8" QTY 15</b>                                           |
|            | ENGINE : AIR COOLING , DIRECT INJECTION - DIESEL , 4 CYLINDER<br>INLINE (75-80)KW |
|            | ELECTRIC MOTOR START                                                              |
|            | PUMP: Q=NOT LESS THAN 500 M3/H , H=15M                                            |
|            | SELF PRIMING WITH VACUUM SYSTEM                                                   |
|            | IMPELLER CAST IRON HIGH QUILTY SOLID HANDLING O= 60MM                             |
|            | INLET 8 INCH WITH 4 PVC RUBBER HOSE 5M LONG AND 2 CLAMPS                          |
|            | OUTLET 8 INCH WITH 2 PVC RUBBER HOSE 10 M LONG AND 2<br>CLAMPS                    |
|            | FLEXIBLE COUPLING                                                                 |
|            | DRAW BOX , AXLE AND WHEEL TYPE TRACTOR WITH FRONT LEG                             |

**11. MOTOR CYCLE 250 CC QTY 200**

| CODE NO. | DESCRIPTION                           | QTY |
|----------|---------------------------------------|-----|
|          | WITH SIDE CARRAGE ONE SEAT            |     |
|          | PETROL ENGINE , 4 STROCK , AIR COOLED |     |
|          | 2 CYLINDER                            |     |
|          | POWER : NOT LESS THAN 35 HP           |     |

|            |                                          |  |
|------------|------------------------------------------|--|
| 03-01-0788 | 3 TYRE AND 1 SPARE                       |  |
|            | FRONT WIND SCREEN                        |  |
|            | WITH ALL ACCESSORIES AND 20% SPARE PARTS |  |

**12.MENTINANCE TRUCK 4x2 QTY 8**

| CODE NO.   | DESCRIPTION                                                             | QTY |  |
|------------|-------------------------------------------------------------------------|-----|--|
| 03-01-0789 | ENGINE : DIESEL , DIRECT INJECTION , 6 CYLINDER , WATER COOLED TROPICAL |     |  |
|            | POWER (130-150)HP                                                       |     |  |
|            | GEAR MANUAL                                                             |     |  |
|            | CLUTCH DRY PLATE TYPE                                                   |     |  |
|            | PAYLOAD :(4-6) TON                                                      |     |  |
|            | BODY                                                                    |     |  |
|            | FLOOR :COVERED WITH STEEL PLATE AND PROVIDE WITH CANOPEY AND            |     |  |
|            | MOVABLE SIDE AND REAR DOOR 50 CM HIGHT                                  |     |  |
|            | SUITABLE CRANE FOR LIFTING GREASE AND OIL TANK                          |     |  |
|            | FOUR TANK WITH COVER 200 L CAPACITY FOR EACH AND 4 PLACE TO FIXED AT    |     |  |
|            | THE FLOOR OF BODY                                                       |     |  |
|            | AIR COMPRESSER (7-10) BAR WITH DIESEL ENGINE , AIR COOLED (30-40) HP    |     |  |
|            | GREASE PUMP AND 3 OIL PUMP WORKING BY AIR PRUSSER FIXED FOR EVERY TANK  |     |  |
|            | AND PROVIDE WITH HOSE AND GUN FOR EVERY ONE                             |     |  |

**13. FIELD VEHICLE, DOUBLE CAP ,PICK -UP**

| CODE NO.   | DESCRIPTION                                                                     | QTY |  |
|------------|---------------------------------------------------------------------------------|-----|--|
| 03-01-0790 | FIELD VEHICLE, DOUBLE CAP ,PICK -UP                                             | 200 |  |
|            | ENGINE: PETROL, 4 CYLINDER,IN LINE ,WATER COOLED,                               |     |  |
|            | POWER: 120-140 HP FOUR STROKE                                                   |     |  |
|            | CLUTCH:DRY SINGLE PLATE                                                         |     |  |
|            | GEAR BOX: 5 SPEED MANUAL                                                        |     |  |
|            | DRIVEN TYPE:REAR -WHEEL DRIVE                                                   |     |  |
|            | SEATS: 5                                                                        |     |  |
|            | STEERING :POWER STEERING , L.H DRIVE ,RACK AND PINION,DOUBLE CAP , PICK UP WITH |     |  |
|            | FOUR DOORS WITH AIR CONDITIONING , FIVE DISTINGUISH , RADIO CASSETTE            |     |  |
|            | WITH 20% SPARE PARTS FOR 2 OPERATING YEARS                                      |     |  |

**14. SPARE PARTS FOR MACHINERY AND EQUIPMENT**

**1. SPARE PARTS FOR STYRE GARBAGE AND CRANE , MODEL WD615.61**

| CODE NO.   | DESCRIPTION      | PART NO.     | QT  |
|------------|------------------|--------------|-----|
| 03-01-0791 | SHAFT            |              | 30  |
| 03-01-0792 | BEARING          |              | 30  |
| 03-01-0793 | IMPELLER         | 61500060030  | 50  |
| 03-01-0794 | FUEL FILTER      | 6140800205   | 700 |
| 03-01-0795 | OIL FILTER       | AZ1500079001 | 700 |
| 03-01-0796 | ROTOR OF STARTER | 61500060736  | 30  |
| 03-01-0797 | SMALL SELONOIDE  | 61500060743  | 30  |
| 03-01-0798 | BIG SELONOIDE    | 61500060743  | 30  |
| 03-01-0799 | O RING           |              | SET |
| 03-01-0800 | CONTROL HYDROLIC |              | 20  |
| 03-01-0801 | MAIN CONTROL     |              | 5   |
| 03-01-0802 | CLUTCH DISK      |              | 10  |
| 03-01-0803 | HYDROLIC PUMP    |              | 30  |
| 03-01-0804 | CLUTCH BEARING   |              | 20  |
| 03-01-0805 | STARTER          |              | 50  |

## 2. SPARE PARTS FOR MAINTENACE OF ROAD ( B.M.C) PRO 827(4×2) 6521

| CODE NO.   | DESCRIPTION      | PART NO. | QT  |
|------------|------------------|----------|-----|
| 03-01-0806 | BRAKE CHAMPER    |          | 40  |
| 03-01-0807 | BRAKE DISK       |          | SET |
| 03-01-0808 | CLUTCH DISK      |          | 20  |
| 03-01-0809 | CLUTCH BEARING   |          | 20  |
| 03-01-0810 | STARTER          |          | 20  |
| 03-01-0811 | FUEL FILTER      |          | 150 |
| 03-01-0812 | OIL FILTER       |          | 100 |
| 03-01-0813 | FUEL FILTER      |          | 150 |
| 03-01-0814 | FLYWHEEL BEARING |          | 20  |
| 03-01-0815 | COVER ASSEMBLY   |          | 20  |
| 03-01-0816 | TURBO CHARGER    |          | 20  |

## 3. SPARE PARTS FOR TOWERING LIFTER ( B.M.C) MODEL PRO 620 (4×2)

| CODE NO.   | DESCRIPTION      | PART NO. | QT    |
|------------|------------------|----------|-------|
| 03-01-0817 | BRAKE CHAMPER    |          | 10    |
| 03-01-0818 | BRAKE DISK       |          | (SET) |
| 03-01-0819 | CLUTCH DISK      |          | 14    |
| 03-01-0820 | CLUTCH BEARING   |          | 4     |
| 03-01-0821 | STARTER          |          | 4     |
| 03-01-0822 | FUEL FILTER      |          | 150   |
| 03-01-0823 | FUEL FILTER      |          | 150   |
| 03-01-0824 | OIL FILTER       |          | 100   |
| 03-01-0825 | FLYWHEEL BEARING |          | 4     |

|            |              |  |   |
|------------|--------------|--|---|
| 03-01-0826 | TURBOCHARGER |  | 2 |
|------------|--------------|--|---|

#### 4.SPARE PARTS FOR STYRE GARBAGE AND CRANE , MODEL WD615.61

| CODE NO.   | DESCRIPTION      | PART NO.     | QT        |
|------------|------------------|--------------|-----------|
| 03-01-0827 | SHAFT            |              | 30        |
| 03-01-0828 | BEARING          |              | 30        |
| 03-01-0829 | IMPELLER         | 61500060030  | 50        |
| 03-01-0830 | FUEL FILTER      | 6140800205   | 700       |
| 03-01-0831 | OIL FILTER       | AZ1500079001 | 700       |
| 03-01-0832 | ROTOR OF STARTER | 61500060736  | 30        |
| 03-01-0833 | SMALL SELONOIDE  | 61500060743  | 30        |
| 03-01-0834 | BIG SELONOIDE    | 61500060743  | 30        |
| 03-01-0835 | O RING           |              | 50<br>SET |
| 03-01-0836 | CONTROL HYDROLIC |              | 20        |
| 03-01-0837 | MAIN CONTROL     |              | 5         |
| 03-01-0838 | CLUTCH DISK      |              | 10        |
| 03-01-0839 | HYDROLIC PUMP    |              | 30        |
| 03-01-0840 | CLUTCH BEARING   |              | 20        |
| 03-01-0841 | STARTER          |              | 50        |

#### 5. SPARE PARTS FOR MAINTENACE OF ROAD ( B.M.C) PRO 827(4×2) 6521

| CODE NO.   | DESCRIPTION      | PART NO. | QT        |
|------------|------------------|----------|-----------|
| 03-01-0842 | BRAKE CHAMPER    |          | 40        |
| 03-01-0843 | BRAKE DISK       |          | 40<br>SET |
| 03-01-0844 | CLUTCH DISK      |          | 20        |
| 03-01-0845 | CLUTCH BEARING   |          | 20        |
| 03-01-0846 | STARTER          |          | 20        |
| 03-01-0847 | FUEL FILTER      |          | 150       |
| 03-01-0848 | OIL FILTER       |          | 100       |
| 03-01-0849 | FUEL FILTER      |          | 150       |
| 03-01-0850 | FLYWHEEL BEARING |          | 20        |
| 03-01-0851 | COVER ASSEMBLY   |          | 20        |
| 03-01-0852 | TURBO CHARGER    |          | 20        |

#### 6. SPARE PARTS FOR TOWERING LIFTER ( B.M.C) MODEL PRO 620 (4×2)

| CODE NO.   | DESCRIPTION   | PART NO. | QT          |
|------------|---------------|----------|-------------|
| 03-01-0853 | BRAKE CHAMPER |          | 10          |
| 03-01-0854 | BRAKE DISK    |          | 10<br>(SET) |
| 03-01-0855 | CLUTCH DISK   |          | 14          |

|            |                  |  |     |
|------------|------------------|--|-----|
| 03-01-0856 | CLUTCH BEARING   |  | 4   |
| 03-01-0857 | STARTER          |  | 4   |
| 03-01-0858 | FUEL FILTER      |  | 150 |
| 03-01-0859 | FUEL FILTER      |  | 150 |
| 03-01-0860 | OIL FILTER       |  | 100 |
| 03-01-0861 | FLYWHEEL BEARING |  | 4   |
| 03-01-0862 | TURBOCHARGER     |  | 2   |

#### 7. SPARE PARTS FOR TIPPER RENAULT , KERAX 350.34 6×4

| CODE NO.   | DESCRIPTION                    | PART NO    | QT  |
|------------|--------------------------------|------------|-----|
| 03-01-0863 | LEAF SPRING                    | 5010383760 | 10  |
| 03-01-0864 | SPRING LEAF 1640 ×17           | 5001851878 | 50  |
| 03-01-0865 | FITTING                        | 5010497133 | 10  |
| 03-01-0866 | LEFT SPRING MOUNTING           | 5010092419 | 25  |
| 03-01-0867 | RIGHT SPRING MOUNTING          | 5010092421 | 25  |
| 03-01-0868 | CLAMP                          | 5001851865 | 20  |
| 03-01-0869 | SCREW                          | 5001851866 | 20  |
| 03-01-0870 | SOLID RIVET                    | 0241101105 | 20  |
| 03-01-0871 | U. BOLT                        | 0000792075 | 20  |
| 03-01-0872 | ETRIERM 20 × 250               | 0000278697 | 20  |
| 03-01-0873 | NUT                            | 5003034262 | 40  |
| 03-01-0874 | SHOCK ABSORBER                 | 5010130009 | 20  |
| 03-01-0875 | LEAF SPRING                    | 5010383736 | 20  |
| 03-01-0876 | SPRONG STEADY P                | 5001849667 | 20  |
| 03-01-0877 | HEXAGON NUT M                  | 5003032245 | 20  |
| 03-01-0878 | SPRING LEAF                    | 5001854879 | 20  |
| 03-01-0879 | U-BOLT                         | 5010383945 | 20  |
| 03-01-0880 | HEXAGON NUT M                  | 5003032264 | 40  |
| 03-01-0881 | FITTING                        | 5010389853 | 15  |
| 03-01-0882 | FITTING                        | 5010389854 | 15  |
| 03-01-0883 | STOP                           | 000777903  | 30  |
| 03-01-0884 | SMALL PLATE                    | 5010421088 | 15  |
| 03-01-0885 | STOP                           | 0000750383 | 30  |
| 03-01-0886 | CYLINDER UNIT G=138.5 , K=78.3 | 5001845663 | 60  |
| 03-01-0887 | CENTRIFUGAL ROT                | 5001853256 | 200 |
| 03-01-0888 | FILTER BRACKET                 | 5001847035 | 70  |
| 03-01-0889 | CYLINDER HEAD                  | 5000694787 | 60  |
| 03-01-0890 | INLET VALVE                    | 5010295349 | 100 |
| 03-01-0891 | EXHAUST VALVE                  | 5000670730 | 100 |
| 03-01-0892 | VALVE GUIDE                    | 0000157983 | 100 |
| 03-01-0893 | VALVE GUIDE                    | 5010359098 | 100 |

|            |                   |            |     |
|------------|-------------------|------------|-----|
| 03-01-0894 | INJECTION PUMP    | 5010412850 | 10  |
| 03-01-0895 | INECTIOR ASSEMBLY | 5001838576 | 60  |
| 03-01-0896 | INJECTOR          | 5000694847 | 200 |
| 03-01-0897 | LEVEL TRANSMITT   | 5010398149 | 10  |
| 03-01-0898 | VISCOUS FAN       | 5010269869 | 10  |
| 03-01-0899 | VISCOUS FAN HUB   | 5010269871 | 10  |
| 03-01-0900 | HYDROLIC PUMP     | 5010239652 | 10  |
| 03-01-0901 | GEAR              | 5000663188 | 10  |
| 03-01-0902 | O-RING            | 5003065058 | 20  |
| 03-01-0903 | HEXAGON NUT M     | 5003032197 | 20  |
| 03-01-0904 | ALTERNATOR        | 5010306507 | 15  |
| 03-01-0905 | VOLTAGE REGULAT   | 5001853649 | 25  |
| 03-01-0906 | ODIODE BRIDGE     | 5001854135 | 20  |
| 03-01-0907 | BALL BEARING      | 5001853654 | 40  |
| 03-01-0908 | BALL BEARING      | 5001853655 | 40  |
| 03-01-0909 | STARTER MOTOR     | 5010306777 | 10  |
| 03-01-0910 | SOLENOID SWITCH   | 5001853816 | 10  |
| 03-01-0911 | SOLENOID SWITCH   | 5001853817 | 15  |
| 03-01-0912 | CARBON HOLDER     | 5001846420 | 15  |
| 03-01-0913 | STARTER DRIVE     | 5001846418 | 15  |
| 03-01-0914 | CLUTCH THRUST B   | 5010245921 | 15  |
| 03-01-0915 | CLUTCH MECHANIS   | 5010244203 | 10  |

#### 8. SPARE PARTS FOR TIPPER RENAULT , KERAX 350.34 6×4

| CODE NO.   | DESCRIPTION     | PART NO    | QT |
|------------|-----------------|------------|----|
| 03-01-0916 | CLUTCH DISC     | 5010244325 | 15 |
| 03-01-0917 | CASING          | 5001854268 | 10 |
| 03-01-0918 | PRIMARY SHAFT   | 5001848274 | 5  |
| 03-01-0919 | CONE            | 5001845809 | 10 |
| 03-01-0920 | SLIDING GEAR    | 5001848744 | 10 |
| 03-01-0921 | DRIVER          | 5001831792 | 10 |
| 03-01-0922 | DRIVER          | 5001831793 | 10 |
| 03-01-0923 | TAPER ROLLER BE | 5001848210 | 10 |
| 03-01-0924 | SLEEVE          | 5001832906 | 10 |
| 03-01-0925 | RING            | 5001832976 | 10 |
| 03-01-0926 | SLEEVE          | 5001847344 | 10 |
| 03-01-0927 | BEARING         | 5001842929 | 10 |
| 03-01-0928 | COUNTING SHAFT  | 5001848215 | 5  |
| 03-01-0929 | TAPER ROLLER BE | 5001831796 | 10 |
| 03-01-0930 | NEEDLE BEARING  | 5001842870 | 20 |
| 03-01-0931 | TAPER ROLLER BE | 5001843170 | 20 |

|            |                           |            |     |
|------------|---------------------------|------------|-----|
| 03-01-0932 | STUB AXLE                 | 5010436015 | 15  |
| 03-01-0933 | KING PIN                  | 5010056002 | 15  |
| 03-01-0934 | BUSH                      | 5000792140 | 20  |
| 03-01-0935 | NEEDLE BEARING            | 5003090044 | 40  |
| 03-01-0936 | BALL JOINT                | 5001832581 | 15  |
| 03-01-0937 | BALL JOINT                | 5000288360 | 15  |
| 03-01-0938 | DISC WHEEL                | 5000792336 | 5   |
| 03-01-0939 | BRAKE DRUM                | 5010260663 | 10  |
| 03-01-0940 | BRAKE LINING SE           | 5000821817 | 150 |
| 03-01-0941 | BRAKE LINING SE           | 5000821818 | 150 |
| 03-01-0942 | ANTI-LEAK RING 120×160×15 | 5000671980 | 25  |
| 03-01-0943 | FIXING PIN                | 5010097262 | 25  |
| 03-01-0944 | DRAW SPRING               | 5010097340 | 20  |
| 03-01-0945 | DRAW SPRING               | 5010097089 | 20  |
| 03-01-0946 | UNLINED BRAKE S           | 5010097260 | 10  |
| 03-01-0947 | UNLINED BRAKE S           | 5000792795 | 10  |
| 03-01-0948 | BRAKE DRUM                | 0000194435 | 10  |
| 03-01-0949 | SPEEDOMETER               | 5010270210 | 10  |
| 03-01-0950 | ELECTRONIC INFO           | 5010142738 | 25  |
| 03-01-0951 | STEERING LOCK             | 5010232097 | 10  |
| 03-01-0952 | TIMER                     | 5010379270 | 25  |
| 03-01-0953 | ELECTRONIC RELA           | 5010142909 | 25  |
| 03-01-0954 | VOLTAGE CONVERT           | 5010231646 | 25  |
| 03-01-0955 | CRANK                     | 5010225179 | 20  |
| 03-01-0956 | WIND SCREW CLAM           | 5010220275 | 5   |
| 03-01-0957 | CAMSHAFT                  | 5010359718 | 5   |
| 03-01-0958 | GEAR                      | 5000681499 | 10  |
| 03-01-0959 | FILTER ELEMENT            | 5010230916 | 50  |
| 03-01-0960 | FILTER ELEMENT            | 5010269584 | 50  |
| 03-01-0961 | STEERING GEAR             | 5010294716 | 5   |
| 03-01-0962 | STEERING SEALS            | 5001844262 | 15  |
| 03-01-0963 | WATER RADIATOR            | 5010315736 | 25  |
| 03-01-0964 | AIR COMRESSOR             | 5010295545 | 10  |
| 03-01-0965 | SPRING LEAF               | 5001854880 | 20  |
| 03-01-0966 | PISTON                    | 5001831273 | 20  |
| 03-01-0967 | REPAIR KIT                | 5001850968 | 25  |
| 03-01-0968 | HANDEL                    | 5010260414 | 50  |
| 03-01-0969 | ELASTIC MOUNTIN           | 5010316878 | 60  |
| 03-01-0970 | ELASTIC STOP              | 5010130095 | 40  |
| 03-01-0971 | ELASTIC MOUNTIN           | 5010130072 | 40  |
| 03-01-0972 | RUBBER MOUNTIN            | 5000704265 | 40  |
| 03-01-0973 | CUP                       | 5010239799 | 25  |

|                   |                |            |    |
|-------------------|----------------|------------|----|
| <b>03-01-0974</b> | CLUTCH RELEASE | 5001848212 | 10 |
| <b>03-01-0975</b> | CLUTCH FORK    | 5001843153 | 10 |
| <b>03-01-0976</b> | SYNCHRONIZER   | 5001849465 | 10 |

**9. SPARE PARTS FOR GARBAGE & CESSBITE MAN 18-263LC-KOL 4×2 ENGINE MODEL DO826LFL ,  
GEAR BOX MODEL EATON 8209**

| CODE NO.   | DESCRIPTION           | PART NO.    | QT        |
|------------|-----------------------|-------------|-----------|
| 03-01-0977 | CYLINDER HEAD GASKET  | 51039010357 | 20<br>SET |
| 03-01-0978 | OIL FILTER            | 51055017160 | 100       |
| 03-01-0979 | WATER PUMP            | 51065006476 | 20        |
| 03-01-0980 | BEARING               | 51934100094 | 25        |
| 03-01-0981 | OIL RING SOAL         | 51065200082 | 25        |
| 03-01-0982 | GASKET                | 51069010119 | 25        |
| 03-01-0983 | REPAIR KIT            | 51065996067 | 25        |
| 03-01-0984 | CLUTCH                | 51066300067 | 20        |
| 03-01-0985 | TURBOCHRAGER          | 51091007531 | 20<br>20  |
| 03-01-0986 | NOZZLE                | 51101020202 | 20<br>SET |
| 03-01-0987 | INJECTION LINE        | 51103036115 | 20<br>SET |
| 03-01-0988 | INJECTION PUMP        | 51111037332 | 10        |
| 03-01-0989 | FEED PUMP             | 51121017111 | 25        |
| 03-01-0990 | FUEL FILTER           | 81125020031 | 100       |
| 03-01-0991 | AIR FILTER            | 81083040076 | 100       |
| 03-01-0992 | AIR FILTER            | 81083040076 | 100       |
| 03-01-0993 | CLUTCH PRESSURE PLATE | 81303050198 | 25        |
| 03-01-0994 | CLUTCH PLATE          | 81303010378 | 25        |
| 03-01-0995 | BEARING               | 81305500082 | 40        |
| 03-01-0996 | CLUTCH BOOSTER        | 81307256069 | 25        |
| 03-01-0997 | CLUTCH MASTER CYL.    | 81307156140 | 25<br>25  |
| 03-01-0998 | REPAIR KIT            | 81307156145 | 25<br>SET |
| 03-01-0999 | REPAIR KIT            | 81307156144 | 25<br>SET |
| 03-01-1000 | REPAIR KIT            | 81307256076 | 25<br>SET |
| 03-01-1001 | REPAIR KIT            | 81307256077 | 25<br>SET |
| 03-01-1002 | GEAR BOX              | 81320036317 | 15        |
| 03-01-1003 | SUN GEAR              | 81323010940 | 25        |
| 03-01-1004 | DRIVE SHAFT           | 81322050251 | 10        |
| 03-01-1005 | SPACER                | 81907130894 | 20        |
| 03-01-1006 | GEAR BOX              | 81323010966 | 20        |
| 03-01-1007 | DOG RING              | 81424200221 | 20        |
| 03-01-1008 | SYNCH RONIZER RING    | 81324200220 | 20        |
| 03-01-1009 | HUB                   | 81324030101 | 20        |
| 03-01-1010 | SLIDING SLEEVE        | 81324020181 | 20        |
| 03-01-1011 | GUIDE PIN             | 81913010158 | 20        |
| 03-01-1012 | ROLLEX                | 81958010164 | 20        |
| 03-01-1013 | SPXING                | 8197602081  | 20        |
| 03-01-1014 | DUG RING              | 81324200223 | 20        |
| 03-01-1015 | CIT CLIP              | 06290190321 | 20        |
| 03-01-1016 | SPACER RING           | 81917100483 | 20        |

|            |                |             |           |
|------------|----------------|-------------|-----------|
| 03-01-1017 | FILTER         | 81322506004 | 40        |
| 03-01-1018 | VALVE          | 81521706154 | 40        |
| 03-01-1019 | GASKET         | 81320500069 | 40<br>SET |
| 03-01-1020 | POLYAMIDE TUBE | 04351609209 |           |
| 03-01-1021 | SPACER         | 81917100491 | 20        |
| 03-01-1022 | SPRING         | 81976020837 | 20        |
| 03-01-1023 | GEAR 2/ND      | 81323010965 | 20        |
| 03-01-1024 | BUSH           | 81322200079 | 20        |
| 03-01-1025 | CIRCLIP        | 81908200518 | 20        |
| 03-01-1026 | NEEDLE BEARING | 81934010057 | 20        |
| 03-01-1027 | GEAR 3/ND      | 81323010943 | 20        |
| 03-01-1028 | SPACER         | 81917100485 | 20        |

**10. SPARE PARTS FOR GARBAGE & CESSBITE MAN 18-263LC-KOL 4×2 ENGINE MODEL DO826LFL M GEAR BOX MODEL EATON 8209**

| CODE NO.   | DESCRIPTION               | PART NO.    | QT |
|------------|---------------------------|-------------|----|
| 03-01-1029 | HUB                       | 81324030102 | 20 |
| 03-01-1030 | CIRCLIP                   | 06290190319 | 20 |
| 03-01-1031 | CIRCLIP                   | 06290190160 | 20 |
| 03-01-1032 | CIRCLIP                   | 06290190318 | 20 |
| 03-01-1033 | VALVE                     |             | 20 |
| 03-01-1034 | DISTRIBUTOR VALVE         |             | 20 |
| 03-01-1035 | VALVE                     |             | 20 |
| 03-01-1036 | REMOTE CONTROL            |             | 20 |
| 03-01-1037 | POWER TAKE OFF ENGAGEMENT |             | 10 |
| 03-01-1038 | STARTER                   |             | 20 |
| 03-01-1039 | SOLINOID                  |             | 30 |
| 03-01-1040 | EXITER WINDING            |             | 20 |
| 03-01-1041 | ARMATURE FOR STAR         |             | 30 |
| 03-01-1042 | STARER PINION             |             | 50 |

**11. SPARE PARTS FOR ENGINE(BF6M 1013ECP-DEUTZ) USED IN FAW CARBAGE (TYPE CA5190)**

| CODE NO.   | DESCRIPTION         | PART NO. | QT  |
|------------|---------------------|----------|-----|
| 03-01-1043 | PRESSURE REGULATOR  | 04207651 | 20  |
| 03-01-1044 | GASKET              | 04207649 | 20  |
| 03-01-1045 | RUBBER SLEEVE       | 04207290 | 20  |
| 03-01-1046 | FRONT COVER         | 04253470 | 10  |
| 03-01-1047 | ROT.SHAFT LIP SEAL  | 04253373 | 50  |
| 03-01-1048 | PISTON COOL .NOZZLE | 04207521 | 600 |
| 03-01-1049 | BLEEDING TUBE       | 04208738 | 25  |

|            |                     |          |      |
|------------|---------------------|----------|------|
| 03-01-1050 | PRESSURE STAT       | 04207119 | 25   |
| 03-01-1051 | OIL PAN             | 04207951 | 5    |
| 03-01-1052 | SET NARROW V-BELT   | 01180663 | 100  |
| 03-01-1053 | VIBRATION DAMPER    | 04209098 | 50   |
| 03-01-1054 | MAIN BEARING -S10   | 02929431 | 300  |
| 03-01-1055 | THRUST WASHER       | 02929439 | 50   |
| 03-01-1056 | BIG END BEARING     | 02929435 | 300  |
| 03-01-1057 | BEARING FLANGE      | 04221507 | 50   |
| 03-01-1058 | BALL BEARING        | 01136333 | 100  |
| 03-01-1059 | HEXAGON BOLT        | 01112308 | 300  |
| 03-01-1060 | HEXAGON BOLT        | 04204129 | 200  |
| 03-01-1061 | CONNECTING ROD      | 04251587 | 30   |
| 03-01-1062 | BIG END BUSH        | 04200024 | 200  |
| 03-01-1063 | BIG END BOLT        | 04200468 | 600  |
| 03-01-1064 | STRAIGHT PIN        | 01144447 | 100  |
| 03-01-1065 | PISTON              | 04253313 | 300  |
| 03-01-1066 | CIRCLIP             | 01107830 | 100  |
| 03-01-1067 | SET OF PIST. RINGS  | 04253777 | 600  |
| 03-01-1068 | PISTON PIN          | 04200139 | 100  |
| 03-01-1069 | VALVE GUIDE         | 04201238 | 900  |
| 03-01-1070 | VALVE SEAT INSERT   | 04200170 | 600  |
| 03-01-1071 | INLET VALVE         | 04209110 | 600  |
| 03-01-1072 | EXHAUST VALVE       | 04209111 | 600  |
| 03-01-1073 | VALVE SEAT INSERT   | 04200171 | 600  |
| 03-01-1074 | O-SEAT              | 01153857 | 900  |
| 03-01-1075 | ROT. SHAFT LIP SEAL | 04253333 | 100  |
| 03-01-1076 | CAM SHAFT           | 04251110 | 5    |
| 03-01-1077 | HEXAGON BOLT        | 01111186 | 200  |
| 03-01-1078 | PUSH ROD            | 04206378 | 120  |
| 03-01-1079 | TAPPET              | 04251063 | 300  |
| 03-01-1080 | CYLINDER LINER      | 04203065 | 300  |
| 03-01-1081 | O-SEAL              | 01181178 | 500  |
| 03-01-1082 | HEXAGON BOLT        | 04251254 | 50   |
| 03-01-1083 | O-SEAL              | 01178213 | 100  |
| 03-01-1084 | SEALING RING        | 04201286 | 100  |
| 03-01-1085 | SEALING RING        | 01118759 | 200  |
| 03-01-1086 | COLLAR SCREW        | 04209118 | 100  |
| 03-01-1087 | GASKET              | 04205734 | 50   |
| 03-01-1088 | OIL COOLER BOX      | 04206958 | 25   |
| 03-01-1089 | OIL COOLER          | 04209932 | 50   |
| 03-01-1090 | SEALING RING        | 01118713 | 100  |
| 03-01-1091 | SPIN -ON OIL FILTER | 01174421 | 1000 |

|            |                     |          |      |
|------------|---------------------|----------|------|
| 03-01-1092 | OIL SUCTION PIPE    | 04204800 | 10   |
| 03-01-1093 | MAIN BEARING S20    | 02929432 | 600  |
| 03-01-1094 | V.GROOVED PULLY     | 04209667 | 5    |
| 03-01-1095 | BIG END BEARING     | 02929436 | 600  |
| 03-01-1096 |                     |          |      |
| 03-01-1097 | DESCRIPTION         | PART NO. | QT   |
| 03-01-1098 | GASKET              | 04198741 | 100  |
| 03-01-1099 | ROLLER TAPPET       | 02126891 | 600  |
| 03-01-1100 | FUEL INJECT. PUMP   | 02111335 | 300  |
| 03-01-1101 | O-RING              | 01319139 | 100  |
| 03-01-1102 | CLAW                | 04201666 | 100  |
| 03-01-1103 | SEALING RING        | 04175610 | 600  |
| 03-01-1104 | FUEL INJECTOR       | 02111987 | 500  |
| 03-01-1105 | COMPRESSION SPRING  | 01318353 | 100  |
| 03-01-1106 | NOZZLE ELEMENT      | 02111700 | 600  |
| 03-01-1107 | NOZZLE CAP NUT      | 01318357 | 100  |
| 03-01-1108 | TWO-ST. FUEL FILTER | 01181059 | 20   |
| 03-01-1109 | PRE FILTER          | 01181060 | 2000 |
| 03-01-1110 | SEALING RING        | 01118647 | 100  |
| 03-01-1111 | GSKET               | 01263156 | 100  |
| 03-01-1112 | FINE FILTER         | 01181061 | 2000 |
| 03-01-1113 | DISTANCE PIECE      | 02111508 | 50   |
| 03-01-1114 | SEALING RING        | 01118688 | 200  |
| 03-01-1115 | FUEL PUMP           | 04204052 | 200  |
| 03-01-1116 | CLAMPING STRAP      | 04205908 | 25   |
| 03-01-1117 | OVER FLOW LINE      | 02931228 | 100  |
| 03-01-1118 | HOSE CLIP           | 01181064 | 100  |
| 03-01-1119 | SEALING RING        | 01118693 | 200  |
| 03-01-1120 | PRESSURE STAT       | 02111519 | 300  |
| 03-01-1121 | RUBBER SEAL         | 04198035 | 300  |
| 03-01-1122 | DISTANCE PIECE      | 02111508 | 100  |
| 03-01-1123 | HOSE ASSEMBLY       | 04253883 | 100  |
| 03-01-1124 | HOSE ASSEMBLY       | 04253884 | 100  |
| 03-01-1125 | BANJO BOLT          | 01178626 | 30   |
| 03-01-1126 | HIGH PRESSURE PIPE  | 02111918 | 600  |
| 03-01-1127 | GASKET              | 04251666 | 100  |
| 03-01-1128 | GASKET              | 04200095 | 100  |
| 03-01-1129 | AIR EL BOW          | 04208736 | 50   |
| 03-01-1130 | HEXAGON BOLT        | 01179293 | 200  |
| 03-01-1131 | CHARGE AIR ELBOW    | 04253378 | 50   |
| 03-01-1132 | HOSE CLIP           | 01173940 | 50   |
| 03-01-1133 | CHARG AIR PIPE      | 04207510 | 15   |

|            |                      |          |     |
|------------|----------------------|----------|-----|
| 03-01-1134 | CHARGE AIR PIPE      | 04207503 | 15  |
| 03-01-1135 | ELBOW CONNECTOR      | 04255715 | 50  |
| 03-01-1136 | RUBBER SLEEVE        | 01180646 | 50  |
| 03-01-1137 | HOSE CLIP            | 01181189 | 50  |
| 03-01-1138 | CONTROLLER           | 02111254 | 50  |
| 03-01-1139 | GASKET               | 02111391 | 50  |
| 03-01-1140 | GASKET               | 02111392 | 50  |
| 03-01-1141 | GOVERNOR COVER       | 02111394 | 150 |
| 03-01-1142 | PISTON               | 02111580 | 50  |
| 03-01-1143 | COVER                | 02112496 | 30  |
| 03-01-1144 | TOOTHED GEAR         | 04197462 | 50  |
| 03-01-1145 | HEXAGON BOLT         | 01100233 | 25  |
| 03-01-1146 | JONRNAL              | 04192487 | 50  |
| 03-01-1147 | CONTROL ROD          | 02111840 | 50  |
| 03-01-1148 | HEXAGON BOLT         | 01181773 | 50  |
|            |                      |          |     |
| CODE NO.   | DESCRIPTION          | PART NO. | QT  |
| 03-01-1149 | INLET MANIFOLD       | 04251919 | 25  |
| 03-01-1150 | HOLLOW SCREW         | 01119237 | 50  |
| 03-01-1151 | SEALING RING         | 01118659 | 200 |
| 03-01-1152 | LUBRICAT OIL LINE    | 04204607 | 10  |
| 03-01-1153 | WHEEL NUT            | 01121798 | 50  |
| 03-01-1154 | DRIVE GEAR           | 04195877 | 50  |
| 03-01-1155 | CYLINDER HEAD GASKET | 01319511 | 50  |
| 03-01-1156 | VALVE                | 01319523 | 50  |
| 03-01-1157 | SET OF DISCS         | 01319522 | 50  |
| 03-01-1158 | LAMINA               | 01319644 | 50  |
| 03-01-1159 | CONTROL PISTON       | 01319690 | 50  |
| 03-01-1160 | CYLINDER COVER       | 01319699 | 50  |
| 03-01-1161 | SET OF PIST. RING    | 01319643 | 150 |
| 03-01-1162 | BEARING BUSH         | 01319724 | 50  |
| 03-01-1163 | BODY GASKET          | 01319740 | 50  |
| 03-01-1164 | COOLING WATER LINE   | 04207984 | 25  |
| 03-01-1165 | COOLING WATER LINE   | 04251245 | 25  |
| 03-01-1166 | RUBBER HOSE          | 01180571 | 50  |
| 03-01-1167 | HOSE CLIP            | 01173966 | 50  |
| 03-01-1168 | O-SEAL               | 01171114 | 100 |
| 03-01-1169 | NARROW V-BELT        | 01180173 | 100 |
| 03-01-1170 | V-GROOVED PULLEY     | 04251297 | 10  |
| 03-01-1171 | HOSE CONNECTOR       | 04208574 | 25  |
| 03-01-1172 | SEALING RING         | 01118659 | 25  |
| 03-01-1173 | HOSE CONNECTOR       | 04206723 | 50  |

|            |                    |           |     |
|------------|--------------------|-----------|-----|
| 03-01-1174 | SEALING RING       | 01118700  | 50  |
| 03-01-1175 | PLUG               | 04209426  | 25  |
| 03-01-1176 | O-SEAL             | 04200205  | 100 |
| 03-01-1177 | HOUSING            | 04209429  | 10  |
| 03-01-1178 | OUTLET/EXH. BRANCH | 04209425  | 10  |
| 03-01-1179 | THERMO STAT        | 04224846  | 50  |
| 03-01-1180 | HEXAGON BOLT       | 01180205  | 50  |
| 03-01-1181 | SEALING RING       | 04221386  | 50  |
| 03-01-1182 | FAN BRACKET        | 04209417  | 10  |
| 03-01-1183 | COOLANT PUMP       | 04206613  | 10  |
| 03-01-1184 | O-SEAL             | 01180024  | 50  |
| 03-01-1185 | HEXAGON BOLT       | 011433669 | 50  |
| 03-01-1186 | FAN SUPPORT        | 04207741  | 10  |
| 03-01-1187 | BEARING BRACKET    | 04207737  | 10  |
| 03-01-1188 | BALL BEARING       | 01179116  | 50  |
| 03-01-1189 | BALL BEARING       | 01179676  | 50  |
| 03-01-1190 | CIRCLIP            | 01107838  | 50  |
| 03-01-1191 | TUBE               | 04205558  | 20  |
| 03-01-1192 | TUBE               | 04205559  | 20  |
| 03-01-1193 | PLAIN WASHER       | 04205556  | 50  |
| 03-01-1194 | HEXAGON BOLT       | 01139722  | 100 |
| 03-01-1195 | FAN HUB            | 04207606  | 10  |
| 03-01-1196 | O-SEAL             | 01180025  | 50  |
| 03-01-1197 | O-SEAL             | 01180022  | 50  |
| 03-01-1198 | CLUTCH /COUPLING   | 04224353  | 25  |
| 03-01-1199 | STUD               | 06209631  | 60  |
| 03-01-1200 | HEXAGON BOLT       | 01137389  | 60  |
|            |                    |           |     |
|            |                    |           |     |
| CODE NO.   | DESCRIPTION        | PART NO.  | QT  |
| 03-01-1201 | PLAIN WASHER       | 01140501  | 60  |
| 03-01-1202 | HEXAGON NUT        | 01137057  | 60  |
| 03-01-1203 | PLAIN WASHER       | 02233181  | 60  |
| 03-01-1204 | FAN                | 04207618  | 25  |
| 03-01-1205 | V-GROOVED PULLEY   | 04208699  | 25  |
| 03-01-1206 | TENSIONING PULLEY  | 04256159  | 10  |
| 03-01-1207 | V-GRAOOVED PULLEY  | 04256107  | 10  |
| 03-01-1208 | BALL BEARING       | 01179676  | 200 |
| 03-01-1209 | BUSH               | 04208554  | 50  |
| 03-01-1210 | CIRCLIP            | 01107838  | 50  |
| 03-01-1211 | FLANGED BUSH       | 04208553  | 50  |
| 03-01-1212 | CHEESE HEAD SCREW  | 01110678  | 50  |

|            |                     |          |     |
|------------|---------------------|----------|-----|
| 03-01-1213 | PULLEY LEVER        | 04253512 | 10  |
| 03-01-1214 | STUD                | 01143285 | 100 |
| 03-01-1215 | EXHAUST PIPE        | 04202344 | 10  |
| 03-01-1216 | STUD                | 02143324 | 60  |
| 03-01-1217 | GASKET              | 04209205 | 20  |
| 03-01-1218 | PLAIN WASHER        | 04197422 | 100 |
| 03-01-1219 | GASKET              | 04209198 | 100 |
| 03-01-1220 | HEXAGON NUT         | 01164582 | 100 |
| 03-01-1221 | HEXAGON NUT         | 01144673 | 100 |
| 03-01-1222 | FITTING COMPOUND    | 01400668 | 50  |
| 03-01-1223 | LUBRICAT OIL LINE   | 04204108 | 10  |
| 03-01-1224 | HOLLOW SCREW        | 01119246 | 25  |
| 03-01-1225 | SEALING RING        | 01118688 | 100 |
| 03-01-1226 | HEXAGON BOLT        | 01181433 | 100 |
| 03-01-1227 | GASKET              | 04182519 | 20  |
| 03-01-1228 | RETURN LINE         | 04204098 | 10  |
| 03-01-1229 | O-SEAL              | 01180811 | 50  |
| 03-01-1230 | RETURN LINE         | 04204096 | 10  |
| 03-01-1231 | MOUNTING DEVICE     | 01016105 | 10  |
| 03-01-1232 | TURBO CHARGER       | 04253845 | 10  |
| 03-01-1233 | REPAIR KIT          | 01319400 | 100 |
| 03-01-1234 | CORE ASSEMBLY       | 01319399 | 100 |
| 03-01-1235 | BRACKET             | 04209672 | 10  |
| 03-01-1236 | CLAMPING STRAP      | 04204573 | 25  |
| 03-01-1237 | VOLTAGE REGULATOR   | 01180407 | 50  |
| 03-01-1238 | SCREW /BOLT         | 01318549 | 100 |
| 03-01-1239 | CARBON BRUSHES      | 01318683 | 100 |
| 03-01-1240 | COLUMN              | 01308859 | 25  |
| 03-01-1241 | SUPPRESS. CAPACITOR | 02985186 | 25  |
| 03-01-1242 | STARTER             | 01180999 | 5   |
| 03-01-1243 | STARTER PINION      | 01319755 | 50  |
| 03-01-1244 | RELAY               | 01319751 | 50  |
| 03-01-1245 | BRUSH BOLDER        | 01319757 | 50  |
| 03-01-1246 | CLAMP               | 01320794 | 50  |
| 03-01-1247 | V-GROOVED PULLEY    | 01179696 | 25  |
| 03-01-1248 | BRACKET             | 04206928 | 10  |
| 03-01-1249 | BRACKET             | 04206929 | 10  |
| 03-01-1250 | PLUG-IN CONNECTOR   | 04199145 | 10  |
| 03-01-1251 | PLUG-IN CONNECTOR   | 04199442 | 10  |
| 03-01-1252 | TORX-BEAD BOLT      | 01181429 | 20  |
| 03-01-1253 | TORX-BEAD BOLT      | 01181430 | 20  |
| 03-01-1254 | TORX-BEAD BOLT      | 01181428 | 20  |

|            |                      |          |     |
|------------|----------------------|----------|-----|
| 03-01-1255 | TORX-BEAD BOLT       | 01181397 | 20  |
| 03-01-1256 | CONNECTION HOUSING   | 04206952 | 4   |
| 03-01-1257 | CYLINDER HEAD BOLT   | 04202005 | 100 |
| 03-01-1258 | CYLINDER HEAD GASKET | 04201559 | 50  |
| 03-01-1259 | CYLINDER HEAD GASKET | 04201560 | 100 |
| 03-01-1260 | CYLINDER HEAD GASKET | 04201561 | 50  |
| 03-01-1261 | CLAMPING BUSH        | 01181403 | 50  |
| 03-01-1262 | SHUT DOWN DEVICE     | 04206916 | 50  |
| 03-01-1263 | O-SEAL               | 01179559 | 25  |
| 03-01-1264 | GT. TIME CONTR. UNIT | 01179713 | 10  |
| 03-01-1265 | GLOW PLUG            | 01180899 | 100 |
| 03-01-1266 | SEALING RING         | 01118760 | 100 |
| 03-01-1267 | HOLLOW SCREW         | 01178990 | 50  |
| 03-01-1268 | GEARED PUMP          | 01180572 | 5   |
| 03-01-1269 | INTERM. FLANGE       | 04207583 | 25  |
| 03-01-1270 | TORX-HEAD BOLT       | 01179773 | 100 |
| 03-01-1271 | TOOTHED GEAR         | 04197400 | 25  |
| 03-01-1272 | COOL. SYST. PROTECT  | 12211500 | 30  |
| 03-01-1273 | GASKET SET           | 02931144 | 50  |
| 03-01-1274 | BEARING BUSH         | 04200021 | 100 |
| 03-01-1275 | ROCKER ARM BRACKET   | 04200961 | 20  |
| 03-01-1276 | ROCKER ARM           | 04204023 | 20  |
| 03-01-1277 | CIRCLIP              | 01107731 | 50  |
| 03-01-1278 | ROCKER ARM BRACKET   | 04200959 | 20  |
| 03-01-1279 | ROCKER ARM           | 04204023 | 20  |
| 03-01-1280 | CRANK CASE           | 04253527 | 5   |
| 03-01-1281 | VALVE COLLET         | 12164698 | 40  |
| 03-01-1282 | VALVE SPRING RETAIN  | 04200114 | 40  |
| 03-01-1283 | FLYWHEEL             | 04256141 | 2   |
| 03-01-1284 | GEAR RIM             | 02131081 | 25  |
| 03-01-1285 | ADJUSTING SCREW      | 03365861 | 100 |
| 03-01-1286 | GEAR CASE            | 04205852 | 4   |
| 03-01-1287 | SHIM                 | 04204141 | 50  |
| 03-01-1288 | SHIM                 | 04204143 | 50  |
| 03-01-1289 | SHIM                 | 04204144 | 50  |
| 03-01-1290 | SHIM                 | 04204145 | 50  |
| 03-01-1291 | SHIM                 | 04204146 | 50  |
| 03-01-1292 | SHIM                 | 04204147 | 50  |
| 03-01-1293 | SHIM                 | 04204148 | 50  |
| 03-01-1294 | SHIM                 | 04204149 | 50  |
| 03-01-1295 | SHIM                 | 04204150 | 50  |
| 03-01-1296 | SHIM                 | 04204151 | 50  |

|            |      |          |    |
|------------|------|----------|----|
| 03-01-1297 | SHIM | 04204152 | 50 |
| 03-01-1298 | SHIM | 04204153 | 50 |
| 03-01-1299 | SHIM | 04204154 | 50 |
| 03-01-1300 | SHIM | 04204155 | 50 |
| 03-01-1301 | SHIM | 04204156 | 50 |
| 03-01-1302 | SHIM | 04204157 | 50 |
| 03-01-1303 | SHIM | 04204158 | 50 |
| 03-01-1304 | SHIM | 04204159 | 50 |
| 03-01-1305 | SHIM | 04204160 | 50 |
| 03-01-1306 | SHIM | 04204161 | 50 |
| 03-01-1307 | SHIM | 04204162 | 50 |
| 03-01-1308 | SHIM | 04204163 | 50 |
| 03-01-1309 | SHIM | 04204164 | 50 |
| 03-01-1310 | SHIM | 04204165 | 50 |
| 03-01-1311 | SHIM | 04204166 | 50 |
| 03-01-1312 | SHIM | 04204167 | 50 |
| 03-01-1313 | SHIM | 01318329 | 50 |
| 03-01-1314 | SHIM | 01318330 | 50 |
| 03-01-1315 | SHIM | 01318286 | 50 |
| 03-01-1316 | SHIM | 01318331 | 50 |
| 03-01-1317 | SHIM | 01318332 | 50 |
| 03-01-1318 | SHIM | 01318333 | 50 |
| 03-01-1319 | SHIM | 01319132 | 50 |
| 03-01-1320 | SHIM | 01318287 | 50 |
| 03-01-1321 | SHIM | 01318334 | 50 |
| 03-01-1322 | SHIM | 01318335 | 50 |
| 03-01-1323 | SHIM | 01318336 | 50 |
| 03-01-1324 | SHIM | 01318337 | 50 |
| 03-01-1325 | SHIM | 01318338 | 50 |
| 03-01-1326 | SHIM | 01318339 | 50 |
| 03-01-1327 | SHIM | 01318340 | 50 |
| 03-01-1328 | SHIM | 01318288 | 50 |
| 03-01-1329 | SHIM | 01318341 | 50 |
| 03-01-1330 | SHIM | 01318342 | 50 |
| 03-01-1331 | SHIM | 01318343 | 50 |
| 03-01-1332 | SHIM | 01318344 | 50 |
| 03-01-1333 | SHIM | 01318345 | 50 |
| 03-01-1334 | SHIM | 01318346 | 50 |
| 03-01-1335 | SHIM | 01318289 | 50 |
| 03-01-1336 | SHIM | 01318347 | 50 |
| 03-01-1337 | SHIM | 01318348 | 50 |
| 03-01-1338 | SHIM | 01318349 | 50 |

|            |                                 |             |     |
|------------|---------------------------------|-------------|-----|
| 03-01-1339 | SHIM                            | 01318350    | 50  |
| 03-01-1340 | SHIM                            | 01318351    | 50  |
| 03-01-1341 | SHIM                            | 01318352    | 50  |
| 03-01-1342 | SHIM                            | 01318290    | 50  |
| 03-01-1343 | PLUG -IN CONNECTOR              | 04199442    | 150 |
| 03-01-1344 | PLUG -IN CONNECTOR              | 04199145    | 50  |
| 03-01-1345 | CENTERINFUGAL FILTER            | SWK 2000/18 | 160 |
| 03-01-1346 | FILTER ELEMENT FOR CENT. FILTER | 1830        | 500 |

**12.SPARE PARTS FOR RENAULT GARBAGES\$CONTAINER LIFT , KERAX 260.19  
4×2**

| CODE NO    | DESCRIPTION      | PART NO    | QT  |
|------------|------------------|------------|-----|
| 03-01-1347 | LEAF SPRING      | 5010383762 | 10  |
| 03-01-1348 | SPRING LEAF      | 5001849600 | 50  |
| 03-01-1349 | FITTING          | 5010497133 | 20  |
| 03-01-1350 | SPRING MOUNTING  | 5000750762 | 20  |
| 03-01-1351 | SPRING MOUNTING  | 5010282520 | 20  |
| 03-01-1352 | FITTING          | 5000704438 | 25  |
| 03-01-1353 | STOP             | 5010138529 | 40  |
| 03-01-1354 | OIL SUMP         | 5010330653 | 10  |
| 03-01-1355 | POULIE           | 5010295598 | 10  |
| 03-01-1356 | FILLER CONDUIT   | 5010349767 | 10  |
| 03-01-1357 | INJECTION ASSEMB | 5001838555 | 60  |
| 03-01-1358 | INJECTOR         | 5010295114 | 200 |
| 03-01-1359 | VISCOUS FAN      | 5010213451 | 10  |
| 03-01-1360 | WATER RADIATOR   | 5010315748 | 15  |
| 03-01-1361 | SILENCER /MUFF   | 5010317200 | 15  |
| 03-01-1362 | HYDROLIC PUMP    | 5010239654 | 10  |
| 03-01-1363 | PULLEY           | 5010412585 | 25  |
| 03-01-1364 | ADJUSTING LINK   | 5010412010 | 30  |
| 03-01-1365 | ALTRNATOR BRAC   | 5010359693 | 15  |
| 03-01-1366 | CLUTCH MECHANIS  | 5010244265 | 10  |
| 03-01-1367 | CLUTCH DISC      | 5010245447 | 15  |
| 03-01-1368 | CLUTCH THRUST    | 5010244202 | 25  |
| 03-01-1369 | ARBRE            | 5001845371 | 5   |
| 03-01-1370 | ROLLER BEARING   | 5000824219 | 5   |
| 03-01-1371 | MAIN SHAFT       | 5001835985 | 5   |
| 03-01-1372 | REPAIR KIT       | 5001851839 | 25  |
| 03-01-1373 | REPAIR KIT       | 5001851838 | 25  |
| 03-01-1374 | DRIVER           | 5001851376 | 25  |
| 03-01-1375 | GEAR             | 5001836024 | 20  |

|            |                               |            |    |
|------------|-------------------------------|------------|----|
| 03-01-1376 | REVERSE GEAR                  | 5001836041 | 20 |
| 03-01-1377 | NEEDLE GAGE                   | 5000824208 | 10 |
| 03-01-1378 | NEEDLE GAGE                   | 5000824214 | 10 |
| 03-01-1379 | GEAR                          | 5001836088 | 10 |
| 03-01-1380 | COUNTER SHAFT                 | 5001853114 | 5  |
| 03-01-1381 | TAPER ROLLER BE               | 5001830654 | 5  |
| 03-01-1382 | GEAR                          | 5001835937 | 5  |
| 03-01-1383 | NEEDLE GAGE                   | 5000824258 | 10 |
| 03-01-1384 | ELECTRONIC SWITCH             | 5001851579 | 25 |
| 03-01-1385 | ELECTRONIC SWITCH             | 5001851538 | 25 |
| 03-01-1386 | POWER TAKE OFF                | 5010245692 | 15 |
| 03-01-1387 | SEAL KIT                      | 5001842471 | 10 |
| 03-01-1388 | LEVER                         | 5010242946 | 20 |
| 03-01-1389 | SHIM                          | 5010242356 | 20 |
| 03-01-1390 | HANDLE                        | 5000450912 | 50 |
| 03-01-1391 | STEERING GEAR                 | 5010239408 | 5  |
| 03-01-1392 | RIGID DRIVE SHA               | 5010395593 | 10 |
| 03-01-1393 | SLIDING DRIVE S-STD-49111/F25 | 5010395095 | 10 |
| 03-01-1394 | TRANSMISSION COULT            | 5010358512 | 10 |
| 03-01-1395 | CONTROL VALVE                 | 5010260131 | 15 |

### 13. SPARE PARTS FOR RENAULT GARBAGES\$CONTAINER LIFT , KERAX 260.19

4×2

| CODE NO    | DESCRIPTION      | PART NO    | QT |
|------------|------------------|------------|----|
| 03-01-1396 | DOUBLE RELAY VA  | 5010260705 | 10 |
| 03-01-1397 | LOAD SENSTING VA | 5010098984 | 10 |
| 03-01-1398 | SPARE PARTS KIT  | 5001834841 | 25 |
| 03-01-1399 | SPRING           | 5000814980 | 10 |
| 03-01-1400 | SEAL KIT         | 500182231  | 25 |
| 03-01-1401 | COMPRESSION SPR  | 5001847132 | 10 |
| 03-01-1402 | WINDOW REGULATO  | 5010225173 | 10 |
| 03-01-1403 | HARDNED GLASS    | 5010225493 | 10 |
| 03-01-1404 | HARDNED GLASS    | 5010225494 | 10 |
| 03-01-1405 | WATER RADIATOR   | 5001833355 | 5  |
| 03-01-1406 | VENTILATION UNI  | 5001833357 | 5  |
| 03-01-1407 | CONTROL          | 5001833337 | 5  |
| 03-01-1408 | BUMPER           | 5010225411 | 20 |
| 03-01-1409 | GUARD            | 5010301249 | 10 |
| 03-01-1410 | BUMPER           | 5010225412 | 10 |
| 03-01-1411 | SIDE SILL        | 5010321461 | 10 |
| 03-01-1412 | WING FLAP        | 5010421295 | 15 |

|            |                         |            |     |
|------------|-------------------------|------------|-----|
| 03-01-1413 | BRACKET                 | 5010367057 | 5   |
| 03-01-1414 | BRACKET                 | 5010334301 | 5   |
| 03-01-1415 | MULTI FUNCTION / L      | 5001847586 | 20  |
| 03-01-1416 | MULTI FUNCTION/R        | 5001847587 | 20  |
| 03-01-1417 | SINGLE FUNCTION         | 5001834561 | 20  |
| 03-01-1418 | FEED PUMP               | 5001821529 | 30  |
| 03-01-1419 | ROLLER BEARING          | 5001014043 | 10  |
| 03-01-1420 | ROLLER BEARING          | 5000288146 | 10  |
| 03-01-1421 | VALVE                   | 5001824818 | 50  |
| 03-01-1422 | PISTON                  | 5001835513 | 100 |
| 03-01-1423 | VALVE                   | 5001835832 | 100 |
| 03-01-1424 | LEAKAGE PIPE            | 5010240841 | 20  |
| 03-01-1425 | BANJO BOLT              | 7701009364 | 125 |
| 03-01-1426 | RUBBER HOSE             | 5010315948 | 25  |
| 03-01-1427 | RUBBER HOSE             | 5010269849 | 25  |
| 03-01-1428 | TEMPERATURE SEN         | 5010398058 | 25  |
| 03-01-1429 | PROBE                   | 5010398440 | 25  |
| 03-01-1430 | TEMPERATURE SEN         | 5010398073 | 25  |
| 03-01-1431 | PRESSURE SWITCH 0.6 BAR | 5010398062 | 25  |
| 03-01-1432 | PRESSURE TRANSM         | 5010311242 | 25  |
| 03-01-1433 | FLEXIBLE CONTROL        | 5010230924 | 15  |
| 03-01-1434 | SPIDER                  | 5001836375 | 10  |
| 03-01-1435 | FLYWHEEL                | 5000686610 | 15  |
| 03-01-1436 | BALL BEARING            | 5010477243 | 25  |
| 03-01-1437 | BALL BEARING            | 5010477244 | 15  |
| 03-01-1438 | VALVE                   | 5001848890 | 10  |
| 03-01-1439 | RELAY                   | 5010306868 | 25  |
| 03-01-1440 | HYDRULIC PUMP           |            | 25  |

#### 14.SPARE PARTS FOR WHEEL EXCAVATOR DIWOO

##### ENGINE MODEL DB58T1 DIWOO

| CODE NO.   | DESCRIPTION                     | PART NO. | QT |
|------------|---------------------------------|----------|----|
| 03-01-1441 | COMPLET ENGINE                  |          | 5  |
| 03-01-1442 | CYLINDER BLOCK WITH CUP BEARING |          | 5  |
| 03-01-1443 | CYLINDER HEAD ASSY              |          | 5  |
| 03-01-1444 | LINER                           |          | 60 |
| 03-01-1445 | PISTON                          |          | 60 |
| 03-01-1446 | RING TOP                        |          | 60 |
| 03-01-1447 | RING 2ND                        |          | 60 |
| 03-01-1448 | RING OIL                        |          | 60 |
| 03-01-1449 | PIN PISTON                      |          | 60 |

|            |                                 |  |     |
|------------|---------------------------------|--|-----|
| 03-01-1450 | RING RETAINING                  |  | 120 |
| 03-01-1451 | CRANK SHAFT                     |  | 5   |
| 03-01-1452 | BEARING MAIN STD                |  | 10  |
| 03-01-1453 | BEARING MAIN 0.25               |  | 20  |
| 03-01-1454 | BEARING MAIN 0.5                |  | 40  |
| 03-01-1455 | BEARING MAIN 0.75               |  | 40  |
| 03-01-1456 | BEARING MAIN 1                  |  | 40  |
| 03-01-1457 | THRUST WASHER STD               |  | 40  |
| 03-01-1458 | THRUST WASHER 0.25              |  | 40  |
| 03-01-1459 | THRUST WASHER 0.5               |  | 40  |
| 03-01-1460 | BEARING CONNECTING ROD STD      |  | 10  |
| 03-01-1461 | BEARING CONNECTING ROD 0.25     |  | 20  |
| 03-01-1462 | BEARING CONNECTING ROD 0.5      |  | 40  |
| 03-01-1463 | BEARING CONNECTING ROD 0.75     |  | 40  |
| 03-01-1464 | BEARING CONNECTING ROD 1        |  | 40  |
| 03-01-1465 | CONNECTING ROD ASSY             |  | 40  |
| 03-01-1466 | BUSH CONNECTING ROD ASSY        |  | 40  |
| 03-01-1467 | SCREW CONNECTING ROD            |  | 120 |
| 03-01-1468 | NUT CONNECTING ROD              |  | 120 |
| 03-01-1469 | OVER HAUL GASKET KIT            |  | 20  |
| 03-01-1470 | VALVE INTAKE (SET)              |  | 20  |
| 03-01-1471 | VALVE EXHUST (SET)              |  | 20  |
| 03-01-1472 | VALVE GUIDE( SET)               |  | 20  |
| 03-01-1473 | SEAL OIL (FRONT)                |  | 20  |
| 03-01-1474 | SEAL OIL (REAR)                 |  | 20  |
| 03-01-1475 | GASKET TIMING GEAR CASE (SET)   |  | 40  |
| 03-01-1476 | ELEMENT OIL COOLER              |  | 10  |
| 03-01-1477 | GASKET OIL PAN                  |  | 40  |
| 03-01-1478 | GASKET FLYWHEEL HOUSING         |  | 40  |
| 03-01-1479 | GASKET CYLINDER HEAD            |  | 40  |
| 03-01-1480 | GASKET HEAD CYLINDER COVER      |  | 40  |
| 03-01-1481 | BOLT CYLINDER HEAD              |  | 200 |
| 03-01-1482 | CAP OIL FILTER                  |  | 10  |
| 03-01-1483 | CYLINDER HEAD COVER ASSY        |  | 5   |
| 03-01-1484 | BOLT HEX BEARING CAP            |  | 50  |
| 03-01-1485 | BLOCK CYLINDER BEARING CAP(SET) |  | 20  |
| 03-01-1486 | GASKET CHAMBER COVER            |  | 40  |
| 03-01-1487 | CAMSHAFT                        |  | 5   |
| 03-01-1488 | BUSH CAMSHAFT (FRONT) (SET)     |  | 40  |
| 03-01-1489 | BUSH CAMSHAFT ( (SET)           |  | 40  |

**15.SPARE PARTS FOR WHEEL EXCAVATOR DIWOO**

| CODE NO.   | DESCRIPTION                | PART NO. | QT        |
|------------|----------------------------|----------|-----------|
| 03-01-1490 | TAPPET                     |          | 48        |
| 03-01-1491 | PUSH ROD                   |          | 48        |
| 03-01-1492 | TIMING GEAR CASE (CASE)    |          | 40        |
| 03-01-1493 | COVER TIMING GEAR CASE     |          | 40        |
| 03-01-1494 | HOUSING FLYWHEEL           |          | 5         |
| 03-01-1495 | OIL PAN                    |          | 5         |
| 03-01-1496 | GAUGE OIL LEVEL            |          | 10        |
| 03-01-1497 | OIL PUMP ASSY              |          | 10        |
| 03-01-1498 | GEAR STARTING RING         |          | 10        |
| 03-01-1499 | PULLY DAMPING              |          | 5         |
| 03-01-1500 | ROCKER ARM& SHAFT ASSY     |          | 5         |
| 03-01-1501 | FUEL FILTER (CARTRIDGE)    |          | 200       |
| 03-01-1502 | COVER FUEL FILTER          |          | 10        |
| 03-01-1503 | OIL FILTER (ENGINE)        |          | 200       |
| 03-01-1504 | HEAD OIL FILTER            |          | 10        |
| 03-01-1505 | WATER PUMP ASSY            |          | 10        |
| 03-01-1506 | PULLY V BELT               |          | 5         |
| 03-01-1507 | FAN COOLING                |          | 10        |
| 03-01-1508 | V-BELT RIBBED              |          | 20        |
| 03-01-1509 | TURBOCHARGER               |          | 15        |
| 03-01-1510 | MANIFOLD EXHAUST           |          | 5         |
| 03-01-1511 | GASKET MANIFOLD EXHAUST    |          | 5         |
| 03-01-1512 | GASKET (EX. MANI. T/C)     |          | 40        |
| 03-01-1513 | MANIFOLD INTAKE            |          | 40        |
| 03-01-1514 | GASKET MANIFOLD INTAKE     |          | 40        |
| 03-01-1515 | FUEL INJECTION PUMP (ASSY) |          | 10        |
| 03-01-1516 | NOZZLE HOLDER ASSY         |          | 60        |
| 03-01-1517 | HOLDER NOZZLE              |          | 48        |
| 03-01-1518 | NOZZLE ASSY                |          | 60        |
| 03-01-1519 | PIPE FUEL (SET)            |          | 10        |
| 03-01-1520 | PRESSURE PIPE FUEL (ASSY)  |          | 10        |
| 03-01-1521 | HOSE FUEL ALL TYPES        |          | 5 for any |
| 03-01-1522 | FEED PUMP                  |          | 20        |
| 03-01-1523 | MUFFLER                    |          | 5         |
| 03-01-1524 | AIR CLEANER ELEMENT (OUT)  |          | 200       |
| 03-01-1525 | AIR CLEANER ELEMENT (IN)   |          | 200       |
| 03-01-1526 | RADIATOR                   |          | 5         |
| 03-01-1527 | OIL COOLER RADITOR         |          | 5         |
| 03-01-1528 | SHROUD                     |          | 5         |

|            |                         |  |    |
|------------|-------------------------|--|----|
| 03-01-1529 | MOTOR E/G STOP          |  | 5  |
| 03-01-1530 | MOTOR E/G CONTROL 1200L |  | 5  |
| 03-01-1531 | CABLE CONTROL 3500L     |  | 5  |
| 03-01-1532 | STARTOR MOTOR (24 VOLT) |  | 10 |
| 03-01-1533 | MAGNET STARTOR MOTOR    |  | 10 |
| 03-01-1534 | ARMATURE                |  | 10 |
| 03-01-1535 | COIL FIELD              |  | 10 |
| 03-01-1536 | FRONT COVER             |  | 5  |
| 03-01-1537 | REAR COVER              |  | 5  |
| 03-01-1538 | BRUSHERS HOLDER         |  | 10 |
| 03-01-1539 | ALTERNATOR              |  | 10 |

#### 16. SPARE PARTS FOR WHEEL EXCAVATOR DIWOO

ENGINE MODEL DB58T1 DIWOO

| CODE NO.   | DESCRIPTION             | PART NO. | QT |
|------------|-------------------------|----------|----|
| 03-01-1540 | REAR COVER              |          | 5  |
| 03-01-1541 | REAR BALL BEARING       |          | 5  |
| 03-01-1542 | STARTOR                 |          | 10 |
| 03-01-1543 | ROTOR                   |          | 10 |
| 03-01-1544 | FRONT BALL BEARING      |          | 25 |
| 03-01-1545 | FRONT COVER             |          | 5  |
| 03-01-1546 | RECTIFIER               |          | 10 |
| 03-01-1547 | SET OF BRUSHERS         |          | 25 |
| 03-01-1548 | REGULATOR               |          | 25 |
| 03-01-1549 | PULLY                   |          | 25 |
| 03-01-1550 | PLYG , PREHEATER        |          | 5  |
| 03-01-1551 | REALY BATTERY           |          | 10 |
| 03-01-1552 | MAIN PUMP               |          | 10 |
| 03-01-1553 | PTO ASSY                |          | 5  |
| 03-01-1554 | PUMP REGULATOR          |          | 10 |
| 03-01-1555 | CONTROL VALVE           |          | 10 |
| 03-01-1556 | SWEING MOTOR            |          | 10 |
| 03-01-1557 | REDUCTION GEAR          |          | 10 |
| 03-01-1558 | TRAVEL MOTOR            |          | 10 |
| 03-01-1559 | PISTON MOTOR            |          | 10 |
| 03-01-1560 | ROTORY GROUP            |          | 10 |
| 03-01-1561 | REGULATOR -TRAVEL MOTOR |          | 10 |
| 03-01-1562 | RELIEF VALVE            |          | 10 |
| 03-01-1563 | CONTROL PARTS           |          | 10 |
| 03-01-1564 | COUNTER BALBNCE VALVE   |          | 10 |
| 03-01-1565 | STROKE LIMIT            |          | 10 |

|            |                                   |  |    |
|------------|-----------------------------------|--|----|
| 03-01-1566 | STEERING VALVE                    |  | 10 |
| 03-01-1567 | PILOT & T/M SUPPLY VALVE          |  | 10 |
| 03-01-1568 | REMOTE CONTROL (LH)               |  | 10 |
| 03-01-1569 | REMOTE CONTROL (RH)               |  | 10 |
| 03-01-1570 | DOZER REMOCON VALVE OUTRIGGER     |  | 5  |
| 03-01-1571 | VALVE PILOT CHECK OUT RIGGER CYL. |  | 5  |
| 03-01-1572 | SOLENIOD VALVE                    |  | 5  |
| 03-01-1573 | VALVE -BRAKE SUPPLY               |  | 5  |
| 03-01-1574 | BRAKE FILTER                      |  | 5  |
| 03-01-1575 | VALVE BREAKER PACKAGE             |  | 10 |
| 03-01-1576 | CYLINDER BOOM (LH)                |  | 5  |
| 03-01-1577 | SEAL KIT BOOM CYL.                |  | 5  |
| 03-01-1578 | SEAL KIT BOOM RH                  |  | 5  |
| 03-01-1579 | SEAL KIT BOOM CYL.                |  | 10 |
| 03-01-1580 | CYLINDER ARM                      |  | 5  |
| 03-01-1581 | SEAL KIT ARM CYL.                 |  | 10 |
| 03-01-1582 | BUCKET CYLINDER                   |  | 5  |
| 03-01-1583 | SEAL KIT BUCKET CYL.              |  | 10 |
| 03-01-1584 | DOZZER CYLINDER LH                |  | 5  |
| 03-01-1585 | SEAL KIT DOZER CYL. (LH)          |  | 10 |
| 03-01-1586 | DOZZER CYLINDER RH                |  | 5  |
| 03-01-1587 | SEAL KIT DOZER CYL. (RH)          |  | 10 |
| 03-01-1588 | CHOCKING CYLINDER                 |  | 5  |
| 03-01-1589 | CHOCKING CYLINDER SEAL KIT        |  | 10 |

#### 17.SPARE PARTS FOR WHEEL EXCAVATOR DIWOO

##### ENGINE MODEL DB58T1 DIWOO

| CODE NO.   | DESCRIPTION              | PART NO. | QT |
|------------|--------------------------|----------|----|
| 03-01-1590 | CYLINDER OUT RIGGER      |          | 5  |
| 03-01-1591 | SEAL KIT OUT RIGGER      |          | 10 |
| 03-01-1592 | CENTER JOINT             |          | 10 |
| 03-01-1593 | SEAL KIT CENTER JOINT    |          | 10 |
| 03-01-1594 | CYLINDER BUCKET (ARM)    |          | 5  |
| 03-01-1595 | SEAL KIT BUCKET CYLINDER |          | 10 |
| 03-01-1596 | CYLINDER BUCKET (ARM)    |          | 5  |
| 03-01-1597 | SEAL KIT BUCKET CYLINDER |          | 10 |
| 03-01-1598 | INPUT TRANSMISSION       |          | 5  |
| 03-01-1599 | DIFF CARRIER REAR AXLE   |          | 5  |
| 03-01-1600 | REAR AXLE SHAFT          |          | 5  |
| 03-01-1601 | HUB CARRIER REAR AXLE    |          | 5  |
| 03-01-1602 | DIFF. CARRIER FRONT AXLE |          | 5  |

|                                                             |                                                |                 |           |
|-------------------------------------------------------------|------------------------------------------------|-----------------|-----------|
| 03-01-1603                                                  | ROD TRACK CPL (LH)                             |                 | 10        |
| 03-01-1604                                                  | ROD TRACK CPL RH                               |                 | 10        |
| 03-01-1605                                                  | BEARING CYLINDER FRONT AXLE                    |                 | 20        |
| 03-01-1606                                                  | STEERING CYLINDER FRONT AXLE                   |                 | 10        |
| 03-01-1607                                                  | DIFFERENTIAL CASE                              |                 | 5         |
| 03-01-1608                                                  | SEAL SHAFT REAR AXLE                           |                 | 20        |
| 03-01-1609                                                  | SCREW HEX M18×160                              |                 | 40        |
| 03-01-1610                                                  | NUT SLOTTED , REAR AXLE                        |                 | 40        |
| 03-01-1611                                                  | NUT SLOTTED , FRONT AXLE                       |                 | 40        |
| 03-01-1612                                                  | BEARING ROLLER (FRONT AXLE)                    |                 | 40        |
| 03-01-1613                                                  | PUMP FUEL                                      |                 | 80        |
| 03-01-1614                                                  | ELEMENT OIL TANK                               |                 | 25        |
| 03-01-1615                                                  | CARTRIDG ENGINE OIL FILTER                     |                 | 100       |
| 03-01-1616                                                  | ELEMENT ENGINE FULL FILTER                     |                 | 100       |
| 03-01-1617                                                  | ELEMENT AIR CLEANER OUT                        |                 | 100       |
| 03-01-1618                                                  | ELEMENT AIR CLEANER (OUT)                      |                 | 100       |
| 03-01-1619                                                  | ELEMENT AIR CLEANER (IN)                       |                 | 100       |
| 03-01-1620                                                  | ELEMENT PILOT FILTER                           |                 | 100       |
| 03-01-1621                                                  | ELEMENT BRAKE FILTER                           |                 | 100       |
| 03-01-1622                                                  | V-BELT ALTERNATOR                              |                 | 25        |
|                                                             |                                                |                 |           |
| <b>18. SPARE PARTS FOR WHEEL EXCAVATOR CASE , MODEL 588</b> |                                                |                 |           |
| <b>CODE NO.</b>                                             | <b>DESCRIPTION</b>                             | <b>PART NO.</b> | <b>QT</b> |
| 03-01-1623                                                  | COMPLET ENGINE WITH ROTORY PUMP                |                 | 10        |
| 03-01-1624                                                  | COMPLET ENGINE WITH INLINE INJECTION FUEL PUMP |                 | 10        |
| 03-01-1625                                                  | BLOCK CYLINDER WITH BEARING CAP                |                 | 5         |
| 03-01-1626                                                  | CYLINDER HEAD WITH ROTORY FUEL INJECTION PUMP  |                 | 10        |
| 03-01-1627                                                  | CYLINDER HEAD WITH INLINE FUEL INJECTION PUMP  |                 | 10        |
| 03-01-1628                                                  | CRANK SHAFT                                    |                 | 5         |
| 03-01-1629                                                  | BEARING GLAND STD (SET)                        |                 | 20        |
| 03-01-1630                                                  | BEARING GLAND 0.25 (SET)                       |                 | 20        |
| 03-01-1631                                                  | BEARIND GLAND 0.5(SET)                         |                 | 20        |
| 03-01-1632                                                  | BEARING GLAND 0.75(SET)                        |                 | 20        |
| 03-01-1633                                                  | BEARING GLAND 1 (SET)                          |                 | 20        |
| 03-01-1634                                                  | SEAL ,FRONT                                    |                 | 10        |
| 03-01-1635                                                  | SEAL REAR                                      |                 | 10        |
| 03-01-1636                                                  | PULLY                                          |                 | 5         |
| 03-01-1637                                                  | BEARING CON. ROD STD (SET)                     |                 | 20        |
| 03-01-1638                                                  | BEARING CON.ROD 0.25 (SET)                     |                 | 20        |
| 03-01-1639                                                  | BEARING CON. ROD 0.5(SET)                      |                 | 20        |
| 03-01-1640                                                  | BEARING CON. ROD 0.75 (SET)                    |                 | 20        |

|            |                                                    |  |    |
|------------|----------------------------------------------------|--|----|
| 03-01-1641 | BEARING CON. ROD 1 (SET)                           |  | 20 |
| 03-01-1642 | CONNECTING ROD ASSY.                               |  | 20 |
| 03-01-1643 | SCREW CONNECTING ROD                               |  | 40 |
| 03-01-1644 | NUT . CONNECTING ROD                               |  | 40 |
| 03-01-1645 | BUSHING CONNECTING ROD (SET)                       |  | 20 |
| 03-01-1646 | PIN , CONNECTING ROD (SET) , every set has 4 piece |  | 20 |
| 03-01-1647 | RING SNAP , CONNECTING ROD                         |  | 80 |
| 03-01-1648 | PISTON                                             |  | 80 |
| 03-01-1649 | SLEEVE                                             |  | 80 |
| 03-01-1650 | RING , PISTON (FIRST) TOP                          |  | 80 |
| 03-01-1651 | RING PISTON (SECOND)                               |  | 80 |
| 03-01-1652 | RING PISTON (3RD)                                  |  | 80 |
| 03-01-1653 | OVER HALL GASKET KIT                               |  | 20 |
| 03-01-1654 | TAPPET                                             |  | 56 |
| 03-01-1655 | PUSH ROD                                           |  | 40 |
| 03-01-1656 | OIL PUMP ENGINE                                    |  | 10 |
| 03-01-1657 | WATER PUMP                                         |  | 10 |
| 03-01-1658 | MANIFOLD EXHAUST                                   |  | 5  |
| 03-01-1659 | MANIFOLD INTAKE                                    |  | 5  |
| 03-01-1660 | TURBO CHARGER FOR ROTOR INJECTION PUMP             |  | 15 |
| 03-01-1661 | TURBO CHARGER FOR INLINE INJECTION PUMP            |  | 15 |
| 03-01-1662 | TUBE TURBOCHARGE (LOWER)                           |  | 5  |
| 03-01-1663 | HOSE TURBOCHARGE (UPPER)                           |  | 5  |
| 03-01-1664 | OIL COOLER                                         |  | 5  |
| 03-01-1665 | OIL PAN                                            |  | 5  |
| 03-01-1666 | GASKET CYL. HEAD                                   |  | 40 |

#### 19. SPARE PARTS FOR WHEEL EXCAVATOR CASE , MODEL 588

| CODE NO.   | DESCRIPTION                                  | PART NO. | QT         |
|------------|----------------------------------------------|----------|------------|
| 03-01-1667 | VALVE INTAKE (SET) EVERY SET HAS FOUR PIECE  |          | 20         |
| 03-01-1668 | VALVE EXHAUST (SET) EVERY SET HAS FOUR PIECE |          | 20         |
| 03-01-1669 | GUIDE INTAKE (SET)                           |          | 20         |
| 03-01-1670 | GUIDE EXHAUST (SET)                          |          | 20         |
| 03-01-1671 | SCREW CYLINDER HEAD (ALL TYPES)              |          | 50 for any |
| 03-01-1672 | SEAL INTAKE & EXHAUST VALVE (SET)            |          | 20         |
| 03-01-1673 | CAMSHAFT                                     |          | 5          |
| 03-01-1674 | FRONT PUSHING CAMSHAFT                       |          | 10         |
| 03-01-1675 | REAR PUSHING CAMSHAFT                        |          | 10         |
| 03-01-1676 | RING GEAR OF FLY WHEEL                       |          | 10         |
| 03-01-1677 | HOUSING OF FLYWHEEL                          |          | 5          |
| 03-01-1678 | FEED PUMP                                    |          | 15         |

|            |                                             |  |     |
|------------|---------------------------------------------|--|-----|
| 03-01-1679 | FUEL INJECTION PUMP FOR ROTORY              |  | 10  |
| 03-01-1680 | FUEL INJECTION PUMP FOR INLINE              |  | 10  |
| 03-01-1681 | INJECTOR ASSY FOR ROTORY                    |  | 40  |
| 03-01-1682 | INJECTOR ASSY FOR INLINE                    |  | 40  |
| 03-01-1683 | SOLENOID                                    |  | 80  |
| 03-01-1684 | NOZZLE (SET) FOR ROTORY                     |  | 80  |
| 03-01-1685 | NOZZLE (SET) FOR INLINE                     |  | 80  |
| 03-01-1686 | VALVE OF FUEL INJECTION PUMP(SET)FOR INLINE |  | 80  |
| 03-01-1687 | REPAIRE KIT FOR ROTORY FUEL INJECTION PUMP  |  | 10  |
| 03-01-1688 | GUIDE OF FUEL INJECTION PUMP FOR INLINE     |  | 80  |
| 03-01-1689 | FUEL INJECTION GASKET KIT (SET) FOR ROTORY  |  | 10  |
| 03-01-1690 | FUEL INJECTION GASKET KIT (SET) FOR INLINE  |  | 10  |
| 03-01-1691 | BUCKET                                      |  | 5   |
| 03-01-1692 | TEETH                                       |  | 80  |
| 03-01-1693 | BOLT & NUT                                  |  | 250 |
| 03-01-1694 | BOOM CYLINDER ASSY                          |  | 5   |
| 03-01-1695 | SEAL KIT BOOM CYLINDER                      |  | 5   |
| 03-01-1696 | LEFT SAFTY VALVE , BOOM ASSY                |  | 10  |
| 03-01-1697 | RIGHT SAFTY VALVE BOOM ASSY                 |  | 10  |
| 03-01-1698 | DIPPER CYLINDER ASSY                        |  | 5   |
| 03-01-1699 | WASHER KIT OF DIPPER CYLINDER               |  | 10  |
| 03-01-1700 | SAFTY VALVE DIPPER                          |  | 10  |
| 03-01-1701 | BUCKET CYLINDER                             |  | 5   |
| 03-01-1702 | SEAL KIT OF BUCKET CYLINDER                 |  | 10  |
| 03-01-1703 | SELECTION VALVE , SHUT OFF ASSY             |  | 10  |

## 20. SPARE PARTS FOR WHEEL EXCAVATOR CASE , MODEL 588

| CODE NO.   | DESCRIPTION                           | PART NO. | QT |
|------------|---------------------------------------|----------|----|
| 03-01-1704 | SELECTION VALVE , SHUT OFF ASSY       |          | 10 |
| 03-01-1705 | CLAMSHELL CYLINDER ASSY               |          | 5  |
| 03-01-1706 | SEAL KIT CLAMSHELL CYLINDER           |          | 10 |
| 03-01-1707 | SUGAR BEET CLAMSHELL CYLINDER ASSY    |          | 5  |
| 03-01-1708 | SUGAR BEET CLAMSHELL SEAL KIT         |          | 10 |
| 03-01-1709 | FIRE TINES GRAB CYLINDER ASSY         |          | 5  |
| 03-01-1710 | WOOD GRAB CYLINDER ASSY               |          | 10 |
| 03-01-1711 | SEAL KIT OF WOOD GRAB CYLINDER        |          | 10 |
| 03-01-1712 | TURNING JOINT ASSY (HYDRAULIC SWING ) |          | 10 |
| 03-01-1713 | HYDRAULIC SWING MOTOR                 |          | 10 |
| 03-01-1714 | SAFTY VALVE -HUDRAULIC SWING          |          | 10 |
| 03-01-1715 | STARTER MOTOR ASSY                    |          | 10 |
| 03-01-1716 | ARMATURE                              |          | 10 |

| 03-01-1717 | COIL FIELD                    |         | 10         |
|------------|-------------------------------|---------|------------|
| 03-01-1718 | MAGNET                        |         | 10         |
| 03-01-1719 | FRONT COVER                   |         | 5          |
| 03-01-1720 | REAR COVER                    |         | 5          |
| 03-01-1721 | BRUSH(SET)                    |         | 10         |
| 03-01-1722 | BRUSH & HOLDER                |         | 10         |
| 03-01-1723 | PINION                        |         | 10         |
| 03-01-1724 | ALTERNATOR ASSY               |         | 10         |
| 03-01-1725 | REAR COVER                    |         | 5          |
| 03-01-1726 | REGULATOR                     |         | 10         |
| 03-01-1727 | BRUSH                         |         | 10         |
| 03-01-1728 | CAPACITOR                     |         | 10         |
| 03-01-1729 | RECTIFIER                     |         | 10         |
| 03-01-1730 | STARTOR                       |         | 10         |
| 03-01-1731 | ROTOR                         |         | 15         |
| 03-01-1732 | SMALL BALL BEARING            |         | 25         |
| 03-01-1733 | LARGE BALL BEARING            |         | 25         |
| 03-01-1734 | FRONT COVER                   |         | 5          |
| 03-01-1735 | FAN                           |         | 20         |
| 03-01-1736 | PULLY                         |         | 5          |
| 03-01-1737 | PANAL INSTRUMENT ASSY         |         | 5          |
| 03-01-1738 | CIRCUIT ELECTRICAL (CURD)     |         | 10         |
| 03-01-1739 | SWITCH ROCKER                 |         | 10         |
| 03-01-1740 | RELY ALL TYPES                |         | 10 for any |
|            |                               |         |            |
| 21. STAKE  |                               |         |            |
| PARTS FOR  |                               |         |            |
| CODE NO    | DESCRIPTION                   | PART NO | QT         |
| 03-01-1741 | ENGINE ASSY                   |         | 10         |
| 03-01-1742 | BLOCK CYLINDER ASSY           |         | 5          |
| 03-01-1743 | CRANK SHAFT                   |         | 20         |
| 03-01-1744 | GASKET KIT ENGINE OVERHAUL    |         | 100        |
| 03-01-1745 | INTAKE VALVE SET              |         | 50         |
| 03-01-1746 | EXHAUST VALVE SET             |         | 50         |
| 03-01-1747 | CYLINDER HEAD SUB ASSY        |         | 5          |
| 03-01-1748 | SLEEVE CYLINDER SET           |         | 50         |
| 03-01-1749 | TIMING GEAR ASSY              |         | 20         |
| 03-01-1750 | BRACKET ENGINE MOUNTING FRONT |         | 50         |
| 03-01-1751 | BRACKET ENGINE MOUNTING REAR  |         | 50         |
| 03-01-1752 | WASHER SET CRANK SHAFT THRUST |         | 50         |
| 03-01-1753 | SEAL CRANK SHAFT REAR OIL     |         | 50         |
| 03-01-1754 | BEARING SET CRANK SHAFT 0.5   |         | 50         |
| 03-01-1755 | BEARING SET CRANK SHAFT 0.75  |         | 50         |

|            |                                           |  |     |
|------------|-------------------------------------------|--|-----|
| 03-01-1756 | RING SET PISTON 0.5                       |  | 50  |
| 03-01-1757 | RING SET PISTON 0.75                      |  | 50  |
| 03-01-1758 | BEARING CONNECTING ROD (SET) 0.5          |  | 50  |
| 03-01-1759 | BEARING CONNECTING ROD (SET) 0.75         |  | 50  |
| 03-01-1760 | PISTON SUB ASSY (SET) 0.5                 |  | 50  |
| 03-01-1761 | PISTON SUB ASSY (SET) 0.75                |  | 50  |
| 03-01-1762 | ROD SUB ASSY                              |  | 20  |
| 03-01-1763 | BUSH FOR CONNECTING ROD SMALL END         |  | 50  |
| 03-01-1764 | FLYWHEEL ASSY                             |  | 10  |
| 03-01-1765 | PULLY CRANK SHAFT                         |  | 10  |
| 03-01-1766 | CAM SHAFT                                 |  | 40  |
| 03-01-1767 | BEARING SET CAMSHAFT                      |  | 50  |
| 03-01-1768 | OIL PUMP ASSY                             |  | 50  |
| 03-01-1769 | OIL FILTER                                |  | 200 |
| 03-01-1770 | WATER PUMP ASSY                           |  | 50  |
| 03-01-1771 | RADIATOR ASSY                             |  | 50  |
| 03-01-1772 | PLUG SPARK                                |  | 600 |
| 03-01-1773 | COIL IGNITION                             |  | 100 |
| 03-01-1774 | RESISTOR IGNITION                         |  | 50  |
| 03-01-1775 | DISTRIBUTOR ASSY                          |  | 100 |
| 03-01-1776 | ALTERNATOR                                |  | 50  |
| 03-01-1777 | CARBARETOR ASSY                           |  | 50  |
| 03-01-1778 | ELEMENT ASSY FUEL FILTER                  |  | 200 |
| 03-01-1779 | BEARING BALL FOR CLUTCH                   |  | 50  |
| 03-01-1780 | CLUTCH MASTER CYLINDER ASSY               |  | 30  |
| 03-01-1781 | CYLINDER KIT CLUTCH MASTER                |  | 30  |
| 03-01-1782 | CYLINDER ASSY CLUTCH RELEASE              |  | 30  |
| 03-01-1783 | TRANSMISSION ASSY MANUAL                  |  | 10  |
| 03-01-1784 | TRANSMISSION KIT COMPLET                  |  | 30  |
| 03-01-1785 | SHAFT ASSY PROPELLER INTERMEDIATE SUPPORT |  | 50  |
| 03-01-1786 | SHAFT ASSY PROPELLER                      |  | 20  |

**22. SPARE PARTS FOR TOYOTA . MODEL 1985, GASOLINE DOUBLE CAB ,  
ENGINE 3Y**

| CODE NO    | DESCRIPTION                    | PART NO | QT |
|------------|--------------------------------|---------|----|
| 03-01-1787 | BEARING ASSY CENTER SPPORT     |         | 50 |
| 03-01-1788 | COVER SUB ASSY PROPELLER SHAFT |         | 20 |
| 03-01-1789 | UNIVERSAL JOINT                |         | 50 |
| 03-01-1790 | REAR AXLE ASSY DIFFERNTIOL     |         | 25 |
| 03-01-1791 | WHEEL DISC FOR FRONT FOR REAR  |         | 50 |
| 03-01-1792 | END ASSY TIE ROD RH            |         | 50 |
| 03-01-1793 | END ASSY TIE ROD LH            |         | 50 |

|            |                               |  |    |
|------------|-------------------------------|--|----|
| 03-01-1794 | ROD ASSY TIE RH               |  | 50 |
| 03-01-1795 | ROD ASSY TIE LH               |  | 50 |
| 03-01-1796 | ROD STEERING RELAY            |  | 30 |
| 03-01-1797 | ROD STEERING TIE              |  | 30 |
| 03-01-1798 | ARM ASSY STEERING IDLER       |  | 50 |
| 03-01-1799 | BRAKE MASTER CYLINDER ASSY    |  | 20 |
| 03-01-1800 | CYLINDER KIT BRAKE MASTER     |  | 20 |
| 03-01-1801 | BOOSTER BRAKE ASSY            |  | 20 |
| 03-01-1802 | JOINT LOWER BALL ASSY         |  | 50 |
| 03-01-1803 | JOINT UPPER BALL ASSY         |  | 50 |
| 03-01-1804 | BEARING SET CRANKE SHAFT STD  |  | 20 |
| 03-01-1805 | BEARING SET CONNETING ROD STD |  | 20 |
| 03-01-1806 | STARTER MOTOR ASSY            |  | 50 |

### 23. SPARE PARTS FOR WHEEL LOADER ZL15C

| CODE NO.   | DESCRIPTION                            | PART NO. | QT |
|------------|----------------------------------------|----------|----|
| 03-01-1807 | COMPLET ENGINE                         |          | 5  |
| 03-01-1808 | BLOCK CYLINDER                         |          | 5  |
| 03-01-1809 | CYLINDER HEAD ASSY                     |          | 5  |
| 03-01-1810 | CRANK SHAFT                            |          | 5  |
| 03-01-1811 | BEARING MAIN (SET) STD                 |          | 10 |
| 03-01-1812 | BEAING MAIN SET(SIZE 0.25)             |          | 20 |
| 03-01-1813 | BEARING MAIN (SET) SIZE 0.5            |          | 40 |
| 03-01-1814 | BEARING MAIN (SET) SIZE 0.75           |          | 40 |
| 03-01-1815 | BEARING MAIN (SET) SIZE 1              |          | 40 |
| 03-01-1816 | BEARING CONNECTING ROD(SET) STD        |          | 10 |
| 03-01-1817 | BEARING CONNECTING ROD(SET) SIZE 0.25  |          | 20 |
| 03-01-1818 | BEARING CONNECTING ROD (SET) SIZE 0.5  |          | 40 |
| 03-01-1819 | BEARING CONNECTING ROD (SET) SIZE 0.75 |          | 40 |
| 03-01-1820 | BEARING CONNECTING ROD (SET) SIZE 1    |          | 40 |
| 03-01-1821 | CONNECTING ROD ASSY                    |          | 20 |
| 03-01-1822 | BEARING CAP                            |          | 40 |
| 03-01-1823 | CONNECTING ROD CAP                     |          | 20 |
| 03-01-1824 | BOLT CONNECTING ROD                    |          | 80 |
| 03-01-1825 | BOLT BEARING CAP                       |          | 80 |
| 03-01-1826 | BUSHING CONNECTING ROD (SET)           |          | 40 |
| 03-01-1827 | PIN PISTON (SET)                       |          | 40 |
| 03-01-1828 | RING REATING                           |          | 80 |
| 03-01-1829 | (PISTON +LINER) ( STD) (SET)           |          | 10 |
| 03-01-1830 | (PISTON+LINER) (SIZE 0.25) (SET)       |          | 20 |
| 03-01-1831 | (PISTON+LINER) (SIZE 0.5) (SET)        |          | 30 |

|            |                                    |  |    |
|------------|------------------------------------|--|----|
| 03-01-1832 | (PISTON +LINER) ( SIZE 0.75) (SET) |  | 30 |
| 03-01-1833 | (PISTON +LINER) (SIZE 1) (SET)     |  | 30 |
| 03-01-1834 | RING ENGINE (SET)(STD)             |  | 10 |
| 03-01-1835 | RING ENGINE (SET)(SIZE 0.25)       |  | 20 |
| 03-01-1836 | RING ENGINE (SET) (SIZE 0.5)       |  | 30 |
| 03-01-1837 | RING ENGINE (SET) (SIZE 0.75)      |  | 30 |
| 03-01-1838 | RING ENGINE (SET) (SIZE 1)         |  | 30 |
| 03-01-1839 | BEARING THRUST (SET)               |  | 20 |
| 03-01-1840 | CAMSHAFT                           |  | 5  |
| 03-01-1841 | BUSHING CAMSHAFT (SET)             |  | 10 |
| 03-01-1842 | INTAKE VALVE (SET)                 |  | 10 |
| 03-01-1843 | EXHUST VALVE (SET)                 |  | 10 |
| 03-01-1844 | GUIDE INTAKE VALVE                 |  | 10 |
| 03-01-1845 | GUIDE EXHUST VALVE                 |  | 10 |
| 03-01-1846 | FRONT SEAL                         |  | 10 |
| 03-01-1847 | REAR SEAL                          |  | 10 |
| 03-01-1848 | GASKET CYLINDER HEAD               |  | 40 |
| 03-01-1849 | GASKET ROCKER COVER                |  | 20 |
| 03-01-1850 | GASKET OIL PAN                     |  | 20 |
| 03-01-1851 | OIL PAN                            |  | 5  |
| 03-01-1852 | GASKET TIMING COVER                |  | 20 |
| 03-01-1853 | GASKET OVER HALL                   |  | 20 |
| 03-01-1854 | FUEL INJECTION PUMP ASSY           |  | 10 |

#### 24. SPARE PARTS FOR WHEEL LOADER ZL15C

| CODE NO.   | DESCRIPTION                                           | PART NO. | QT        |
|------------|-------------------------------------------------------|----------|-----------|
| 03-01-1855 | WATER PUMP ASSY                                       |          | 10        |
| 03-01-1856 | MANIFOLD AIR ASSY                                     |          | 5         |
| 03-01-1857 | MANIFOLD EXHAUST ASSY                                 |          | 5         |
| 03-01-1858 | FEED PUMP ASSY                                        |          | 15        |
| 03-01-1859 | NOZZLE                                                |          | 80        |
| 03-01-1860 | INJECTOR ASSY                                         |          | 80        |
| 03-01-1861 | REPAIR KIT OF FUEL INJECTION PUMP                     |          | 20        |
| 03-01-1862 | REPAIR KIT OF WATER PUMP                              |          | 20        |
| 03-01-1863 | WATER RADIATOR ASSY                                   |          | 5         |
| 03-01-1864 | OIL RADIATOR ASSY                                     |          | 5         |
| 03-01-1865 | FAN                                                   |          |           |
| 03-01-1866 | TORQUE CONVERTOR ASSY                                 |          | 5         |
| 03-01-1867 | TORQUE CONVERTOR VALVE ASSY                           |          | 5         |
| 03-01-1868 | COMPLET TORQUE CONVERTOR HIGH PRESSURE HYDROLIC PIPES |          | 5 for any |
| 03-01-1869 | GEAR BOX ASSY                                         |          | 5         |

|            |                                   |  |           |
|------------|-----------------------------------|--|-----------|
| 03-01-1870 | FORWARD CLUTCH ASSY               |  | 5         |
| 03-01-1871 | REVERSE CLUTCH ASSY               |  | 5         |
| 03-01-1872 | OUT PUT SHAFT ASSY                |  | 5         |
| 03-01-1873 | MIDDLE SHAFT ASSY                 |  | 5         |
| 03-01-1874 | INPUT SHAFT ASSY                  |  | 5         |
| 03-01-1875 | GEAR BOX CONTROL VALVE ASSY       |  | 5         |
| 03-01-1876 | FRONT DIFFERENTIAL AXLE           |  | 5         |
| 03-01-1877 | REAR DIFFERENTIAL AXLE            |  | 5         |
| 03-01-1878 | BRAKE DISK REAR WHEEL             |  | 80        |
| 03-01-1879 | HUB WHEEL REAR WHEEL              |  | 20        |
| 03-01-1880 | TAPERED ROOLER BEARING            |  | 20        |
| 03-01-1881 | REAR WHEEL                        |  |           |
| 03-01-1882 | REAR WHEEL SEAL                   |  | 40        |
| 03-01-1883 | REAR WHEEL SHAFT                  |  | 10        |
| 03-01-1884 | REAR CARIER WHEEL ASSY            |  | 5         |
| 03-01-1885 | FRONT CARIER WHEEL ASSY           |  | 5         |
| 03-01-1886 | REAR DRIVE SHAFT ASSY             |  | 5         |
| 03-01-1887 | FRONT DRIVE SHAFT ASSY            |  | 5         |
| 03-01-1888 | STEERING CYL. ASSY                |  | 5         |
| 03-01-1889 | HYDRAULIC STEERUNG DEVICE ASSY    |  | 5         |
| 03-01-1890 | STEERING VALVE ASSY               |  | 5         |
| 03-01-1891 | STEERING PUMP                     |  | 10        |
| 03-01-1892 | STEERING HIGH PRESSURE HOSE       |  | 5 for any |
| 03-01-1893 | STEERING CYLINDER REPAIR KIT      |  | 10        |
| 03-01-1894 | PRIORITY VALVE ASSY               |  | 5         |
| 03-01-1895 | MAIN PUMP ASSY                    |  | 10        |
| 03-01-1896 | LIFTING HYDRAULIC CYL. ASSY       |  | 5         |
| 03-01-1897 | LIFTING HYDRAULIC CYL. REPAIR KIT |  | 10        |
| 03-01-1898 | TILET HYDRAULIC CYL. ASSY         |  | 5         |

## 25. SPARE PARTS FOR WHEEL LOADER ZL15C

| CODE NO.   | DESCRIPTION                     | PART NO. | QT  |
|------------|---------------------------------|----------|-----|
| 03-01-1890 | TILET HYDRAULIC CYL. REPAIR KIT |          | 10  |
| 03-01-1891 | MULTI WAR VALVE CONTROL VALVE   |          | 5   |
| 03-01-1892 | PLIERS ASSY                     |          | 40  |
| 03-01-1893 | PISTON BRAKE SYSTEM             |          | 10  |
| 03-01-1894 | REPAIR KIT OF FOOT BRAKE        |          | 10  |
| 03-01-1895 | BRAKE PUMP                      |          | 10  |
| 03-01-1896 | REPAIR KIT OF BRAKE PUMP        |          | 10  |
| 03-01-1897 | BUCKET                          |          | 5   |
| 03-01-1898 | TEETH                           |          | 200 |

|            |                                  |  |     |
|------------|----------------------------------|--|-----|
| 03-01-1899 | FRONT EDGE                       |  | 100 |
| 03-01-1900 | ALTERNATOR ASSY                  |  | 10  |
| 03-01-1901 | STAROR MOTOR ASSY                |  | 10  |
| 03-01-1902 | MEIER PANAL ASSY                 |  | 5   |
| 03-01-1903 | CURRENT GAGE                     |  | 5   |
| 03-01-1904 | ENGINE COOLING WATER TEMP. GAGE  |  | 5   |
| 03-01-1905 | T.C OIL TEMP. GAGE               |  | 5   |
| 03-01-1906 | ENGINE OIL TEMP. GAGE            |  | 5   |
| 03-01-1907 | TRANSMISSION OIL PRESSURE GAGE   |  | 5   |
| 03-01-1908 | SWITCH STARTER                   |  | 5   |
| 03-01-1909 | TURNING INDICATOR CONTROL SWITCH |  | 5   |
| 03-01-1910 | ROTOR ALTERNATOR                 |  | 10  |
| 03-01-1911 | COIL FIELD ALTERNATOR            |  | 10  |
| 03-01-1912 | RECTIFIER ALTERNATOR             |  | 10  |
| 03-01-1913 | REGULATOR                        |  | 10  |
| 03-01-1914 | FRONT COVER                      |  | 5   |
| 03-01-1915 | REAR COVER                       |  | 5   |
| 03-01-1916 | ARMATURE STARTOR MOTOR           |  | 10  |
| 03-01-1917 | COIL FIELD                       |  | 10  |
| 03-01-1918 | MAGNET                           |  | 10  |
| 03-01-1919 | ARM COMPLET UPPER RH             |  | 50  |
| 03-01-1920 | ARM COMPLET LOWER LH             |  | 50  |
| 03-01-1921 | ARM COMPLET LOWER RH             |  | 50  |
| 03-01-1922 | BRAKE ASSY FR LH                 |  | 50  |
| 03-01-1923 | BRAKE ASSY FR RH                 |  | 50  |
| 03-01-1924 | DRUM BRAKE ASSY RR LH            |  | 50  |
| 03-01-1925 | DRUM BRAKE ASSY RR RH            |  | 50  |
| 03-01-1926 | JOINT LOWER BALL ASSY            |  | 50  |
| 03-01-1927 | JOINT UPPER BALL ASSY            |  | 50  |
| 03-01-1928 | WHEEL DISC FOR FRONT             |  | 50  |
| 03-01-1929 | SIDE TURN LAMP ASSY RH           |  | 20  |
| 03-01-1930 | SIDE TURN LAMP ASSY LH           |  | 20  |

#### 26.SPARE PARTS FOR JET VOLVO N10 , MODEL ENGINE TD101G273

| CODE NO.   | DESCRIPTION      | PART NO. | QT |
|------------|------------------|----------|----|
| 03-01-1931 | CYLINDER HEAD    | 424868   | 25 |
| 03-01-1932 | FLYWHEEL         | 479543   | 10 |
| 03-01-1933 | MAIN BEARING KIT | 270438   | 25 |
| 03-01-1934 | MAIN BEARING KIT | 270439   | 25 |
| 03-01-1935 | MAIN BEARING KIT | 270440   | 25 |
| 03-01-1936 | MAIN BEARING KIT | 270441   | 25 |

|            |                     |         |     |
|------------|---------------------|---------|-----|
| 03-01-1937 | MAIN BEARING KIT    | 270442  | 25  |
| 03-01-1938 | MAIN BEARING KIT    | 270443  | 25  |
| 03-01-1939 | THRUST WASHER KIT   | 276758  | 10  |
| 03-01-1940 | THRUST WASHER KIT   | 276759  | 10  |
| 03-01-1941 | THRUST WASHER KIT   | 276760  | 10  |
| 03-01-1942 | THRUST WASHER KIT   | 276761  | 10  |
| 03-01-1943 | BIGEND BEARING KIT  | 270124  | 25  |
| 03-01-1944 | BIGEND BEARING KIT  | 270125  | 25  |
| 03-01-1945 | BIGEND BEARING KIT  | 270126  | 25  |
| 03-01-1946 | BIGEND BEARING KIT  | 270127  | 25  |
| 03-01-1947 | BIGEND BEARING KIT  | 270128  | 25  |
| 03-01-1948 | BIGEND BEARING KIT  | 270129  | 25  |
| 03-01-1949 | PISTON KIT          | 275084  | 60  |
| 03-01-1950 | BALL BEARING        | 1652986 | 25  |
| 03-01-1951 | CRANK SHAFT GEAR    | 423080  | 25  |
| 03-01-1952 | CONNECTING ROD      | 1545299 | 15  |
| 03-01-1953 | PULLY               | 468187  | 10  |
| 03-01-1954 | BUSHING             | 1545302 | 60  |
| 03-01-1955 | PLUG                | 467365  | 200 |
| 03-01-1956 | INLET VALVE         | 479204  | 30  |
| 03-01-1957 | EXHAUST VALVE       | 467855  | 60  |
| 03-01-1958 | OIL PUMP            | 479319  | 10  |
| 03-01-1959 | SUMP                | 1545840 | 6   |
| 03-01-1960 | PLUG                | 1524290 | 15  |
| 03-01-1961 | OIL FILTER HOUSING  | 422797  | 10  |
| 03-01-1962 | OIL COOLER          | 468035  | 10  |
| 03-01-1963 | FRICTION DISC       | 479459  | 50  |
| 03-01-1964 | TURBOCHARGER        | 422935  | 5   |
| 03-01-1965 | PULLY               | 1661878 | 25  |
| 03-01-1966 | BELT TENSIONER      | 1664690 | 25  |
| 03-01-1967 | ALTERNATOR          | 6779261 | 10  |
| 03-01-1968 | STARTER MOTOR       | 465930  | 10  |
| 03-01-1969 | HEAD LAMP INSERT LH | 1082751 | 10  |
| 03-01-1970 | HEAD LAMP INSERT RH | 1082752 | 10  |
| 03-01-1971 | COMBINED LAMP LH    | 1082755 | 10  |
| 03-01-1972 | COMBINED LAMP RH    | 1082756 | 10  |
| 03-01-1973 | TAIL LAMP LH        | 1620476 | 10  |
| 03-01-1974 | TAIL LAMP RH        | 1620477 | 10  |
| 03-01-1975 | WARINING FLASHER    | 348553  | 15  |
| 03-01-1976 | WIPPER MOTOR        | 1606338 | 5   |
| 03-01-1977 | WIPER BLADE         | 1372029 | 20  |
| 03-01-1978 | SWITCH              | 1587048 | 25  |

|                                                                  |                      |                 |           |
|------------------------------------------------------------------|----------------------|-----------------|-----------|
| 03-01-1979                                                       | SWITCH               | 1587043         | 25        |
| 03-01-1980                                                       | SWITCH               | 1578732         | 25        |
| 03-01-1981                                                       | COTACT               | 3962939         | 15        |
| 03-01-1982                                                       | OIL PRESSURE SENSER  | 1082033         | 10        |
| 03-01-1983                                                       | TEMPERATURE SENSER   | 1610946         | 20        |
|                                                                  |                      |                 |           |
| <b>27.SPARE PARTS FOR JET VOLVO N10 , MODEL ENGINE TD101G273</b> |                      |                 |           |
| <b>CODE NO.</b>                                                  | <b>DESCRIPTION</b>   | <b>PART NO.</b> | <b>QT</b> |
| 03-01-1984                                                       | VOLTAGE CONVERTER    | 8156773         | 10        |
| 03-01-1985                                                       | VOLTAGE CONVERTER    | 8156774         | 10        |
| 03-01-1986                                                       | VOLTAGE CONVERTER    | 8156775         | 10        |
| 03-01-1987                                                       | GEAR LEVER           | 1668880         | 5         |
| 03-01-1988                                                       | GEAR ROD             | 1667040         | 5         |
| 03-01-1989                                                       | INHIBITOR VALVE      | 267859          | 10        |
| 03-01-1990                                                       | INPUT SHAFT          | 1653095         | 10        |
| 03-01-1991                                                       | ROLLER BEARING       | 1652556         | 25        |
| 03-01-1992                                                       | ROLLER BEARING       | 1652563         | 25        |
| 03-01-1993                                                       | OIL PUMP             | 1656267         | 10        |
| 03-01-1994                                                       | PRESSURE PLATE       | 1668616         | 15        |
| 03-01-1995                                                       | DRIVEN PLATE         | 1668618         | 15        |
| 03-01-1996                                                       | RELEASE BEARING      | 1655825         | 15        |
| 03-01-1997                                                       | CLUTCH HOUSING       | 1652878         | 5         |
| 03-01-1998                                                       | RUBBER CUSHION       | 1614600         | 20        |
| 03-01-1999                                                       | STEERING GEAR        | 250182          | 5         |
| 03-01-2000                                                       | CYLINDER LINER KIT   | 275627          | 60        |
| 03-01-2001                                                       | GASKET CYLINDER HEAD | 270789          | 25        |
| 03-01-2002                                                       | REPAIR KIT           | 273873          | 25        |
| 03-01-2003                                                       | COOLENT PUMP         | 1699789         | 10        |
| 03-01-2004                                                       | TEMERTURE SENSER     | 1610946         | 5         |
| 03-01-2005                                                       | PARKING BRAKE VALVE  | 1598586         | 15        |
| 03-01-2006                                                       | SHOCK ABSORBER       | 1609603         | 10        |
| 03-01-2007                                                       | ROLLER BEARING       | 8151816         | 15        |
| 03-01-2008                                                       | ROLLER BEARING       | 8151820         | 15        |
| 03-01-2009                                                       | AIR FILTER           | 1544449         | 25        |
| 03-01-2010                                                       | AIR FILTER           | 1660903         | 25        |
| 03-01-2011                                                       | NOZZLE               | 1545153         | 60        |
| 03-01-2012                                                       | TENSIONER            | 1545360         | 25        |
| 03-01-2013                                                       | FAN                  | 1542841         | 10        |

**28. SPARE PARTS FOR JET VOLVO FL6 , PCFL618 4 ×2 , MODEL ENGINE D6A230**

| CODE NO. | DESCRIPTION | PART NO. | QT |
|----------|-------------|----------|----|
|----------|-------------|----------|----|

|            |                       |            |     |
|------------|-----------------------|------------|-----|
| 03-01-2014 | RUBBER CUSHION        | 6772254    | 25  |
| 03-01-2015 | ENGINE ANCHARAGE      | 6774715    | 25  |
| 03-01-2016 | RUBBER CUSHION        | 1613624    | 25  |
| 03-01-2017 | VALVE COVER           | 465951     | 10  |
| 03-01-2018 | CYLINDER BLOCK        | 420990     | 3   |
| 03-01-2019 | BUSHING               | 422076     | 5   |
| 03-01-2020 | BUSHING               | 422077     | 5   |
| 03-01-2021 | BUSHING               | 422078     | 5   |
| 03-01-2022 | BUSHING               | 422079     | 5   |
| 03-01-2023 | GEAR BOX VOLVO FRANCE | 1308005066 | 3   |
| 03-01-2024 | BUSHING               | 422080     | 5   |
| 03-01-2025 | BUSHING               | 422081     | 5   |
| 03-01-2026 | BUSHING               | 422082     | 5   |
| 03-01-2027 | FLYWHEEL HOUSING      | 420890     | 10  |
| 03-01-2028 | PISTON RING KIT       | 276310     | 60  |
| 03-01-2029 | CONNECTING ROD        | 8192120    | 15  |
| 03-01-2030 | CRANK SHAFT 9 HOLE    | 81912122   | 5   |
| 03-01-2031 | CRANK SHAFT GEAR      | 471528     | 10  |
| 03-01-2032 | PULLY                 | 8149366    | 10  |
| 03-01-2033 | TIMING GEAR CASING    | 8192086    | 5   |
| 03-01-2034 | IDLER GEAR            | 8192518    | 5   |
| 03-01-2035 | COTROL UNIT           | 8158019    | 10  |
| 03-01-2036 | COTROL UNIT           | 8158018    | 10  |
| 03-01-2037 | DRIVE SHAFT           | 1522952    | 5   |
| 03-01-2038 | DRIVE SHAFT           | 1522953    | 5   |
| 03-01-2039 | POWER TAKE OFF        | 6874016    | 5   |
| 03-01-2040 | COTROL CYLINDER       | 266454     | 5   |
| 03-01-2041 | COMPRESSOR            | 6795600    | 5   |
| 03-01-2042 | BEARING BUSHING       | 1697102    | 5   |
| 03-01-2043 | CRANK SHAFT           | 1697094    | 5   |
| 03-01-2044 | BEARING BUSHING       | 1697092    | 5   |
| 03-01-2045 | CONNECTING ROD        | 1698852    | 12  |
| 03-01-2046 | PISTON                | 1698848    | 20  |
| 03-01-2047 | PISTON RING KIT       | 3097153    | 20  |
| 03-01-2048 | CYLINDER              | 1697111    | 5   |
| 03-01-2049 | CYLINDER HEAD         | 1698851    | 5   |
| 03-01-2050 | OIL FILTER            | 466634     | 100 |
| 03-01-2051 | OIL FILTER            | 477556     | 100 |
| 03-01-2052 | FUEL FILTER           | 466987     | 100 |
| 03-01-2053 | DRIVEN PLATE          | 1071544    | 25  |
| 03-01-2054 | RELEASE BEARING       | 1655288    | 25  |
| 03-01-2055 | MASTER CYLINDER       | 3093045    | 10  |

|            |                            |         |    |
|------------|----------------------------|---------|----|
| 03-01-2056 | CLUTCH SERVO               | 1673067 | 10 |
| 03-01-2057 | COOLENT PUMP               | 8192050 | 10 |
| 03-01-2058 | RADIATOR                   | 814735  | 5  |
| 03-01-2059 | OIL PUMP                   | 479317  | 10 |
| 03-01-2060 | INLET VALVE                | 3825723 | 60 |
| 03-01-2061 | EXHAUST VALVE              | 8192143 | 60 |
| 03-01-2062 | GASKET KIT CYLINDER HEAD   | 276821  | 25 |
| 03-01-2063 | PRESSURE PLATE             | 1071393 | 25 |
| 03-01-2064 | REPAIR KIT MASTER CYLINDER | 3095074 | 25 |
| 03-01-2065 | REPAIR KIT CLUTCH SERVO    | 3095041 | 25 |

**29.SPARE PARTS FOR JET VOLVO FL6 , PCFL618 4 ×2 , MODEL ENGINE D6A230**

| CODE NO.   | DESCRIPTION        | PART NO. | QT |
|------------|--------------------|----------|----|
| 03-01-2066 | FEED PUMP          | 3094716  | 15 |
| 03-01-2067 | SUPPORT BEARING    | 1696389  | 20 |
| 03-01-2068 | STARTER MOTOR      | 8192262  | 10 |
| 03-01-2069 | ALTERNATOR         | 1089861  | 10 |
| 03-01-2070 | SPIDER             | 232458   | 10 |
| 03-01-2071 | RELAY              | 3535142  | 25 |
| 03-01-2072 | RELAY              | 3535680  | 20 |
| 03-01-2073 | TURBO CHARGER      | 8192030  | 5  |
| 03-01-2074 | OIL COOLER         | 1655595  | 10 |
| 03-01-2075 | HAND PUMP          | 3826073  | 10 |
| 03-01-2076 | SERVO PUMP         | 3172499  | 5  |
| 03-01-2077 | STEERING GEAR      | 6790161  | 5  |
| 03-01-2078 | MAIN BEARING KIT   | 271230   | 30 |
| 03-01-2079 | MAIN BEARING KIT   | 271231   | 30 |
| 03-01-2080 | MAIN BEARING KIT   | 271232   | 30 |
| 03-01-2081 | MAIN BEARING KIT   | 271233   | 30 |
| 03-01-2082 | MAIN BEARING KIT   | 271234   | 30 |
| 03-01-2083 | MAIN BEARING KIT   | 271235   | 30 |
| 03-01-2084 | THRUST WASHER KIT  | 276751   | 10 |
| 03-01-2085 | THRUST WASHER KIT  | 276752   | 10 |
| 03-01-2086 | THRUST WASHER KIT  | 276753   | 10 |
| 03-01-2087 | THRUST WASHER KIT  | 276780   | 10 |
| 03-01-2088 | BIGEND BEARING KIT | 270139   | 30 |
| 03-01-2089 | BIGEND BEARING KIT | 270140   | 30 |
| 03-01-2090 | BIGEND BEARING KIT | 270141   | 30 |
| 03-01-2091 | BIGEND BEARING KIT | 270142   | 30 |
| 03-01-2092 | BIGEND BEARING KIT | 270143   | 30 |
| 03-01-2093 | BIGEND BEARING KIT | 270144   | 30 |

|            |                       |         |    |
|------------|-----------------------|---------|----|
| 03-01-2094 | CYLINDER LINER KIT    | 276868  | 60 |
| 03-01-2095 | REPAIR KITS           | 276874  | 25 |
| 03-01-2096 | ROCKER ARM            | 420132  | 15 |
| 03-01-2097 | THERMOSTAT FAN        | 8149470 | 10 |
| 03-01-2098 | STATER SWITCH         | 8159915 | 25 |
| 03-01-2099 | NOZZLE                | 8192099 | 60 |
| 03-01-2100 | DUST COVER            | 1698595 | 10 |
| 03-01-2101 | DUST COVER            | 1698596 | 10 |
| 03-01-2102 | SPRING                | 1698597 | 25 |
| 03-01-2103 | BRAKE SHOE            | 1698598 | 10 |
| 03-01-2104 | BRAKE LINING KIT      | 275973  | 20 |
| 03-01-2105 | SPRING BRAKE CYLINDER | 6777491 | 10 |
| 03-01-2106 | BRAKE CHAMPER         | 6798730 | 10 |
| 03-01-2107 | BRAKE CHAMPER         | 6798731 | 10 |
| 03-01-2108 | SPRING BRAKE CYLINDER | 6798729 | 10 |
| 03-01-2109 | SPRING BRAKE CYLINDER | 6797272 | 10 |
| 03-01-2110 | FRONT AXLE            | 3123514 | 5  |
| 03-01-2111 | BUSHING               | 8150264 | 5  |
| 03-01-2112 | BEARING               | 1588222 | 10 |
| 03-01-2113 | CONE                  | 181299  | 10 |
| 03-01-2114 | CUP                   | 181125  | 10 |
| 03-01-2115 | CUP                   | 181128  | 10 |
| 03-01-2116 | CONE                  | 181298  | 10 |
| 03-01-2117 | INJECTOR              | 8192026 | 12 |
| 03-01-2118 | NOZZLE                | 2436399 | 25 |

**30. SPARE PARTS FOR JET VOLVO FL6 , PCFL618 4 ×2 , MODEL ENGINE D6A230**

| CODE NO.   | DESCRIPTION              | PART NO.    | QT |
|------------|--------------------------|-------------|----|
| 03-01-2119 | JETEING HOSE 1×80 MT     |             | 15 |
| 03-01-2120 | WATER PUMP MH55          | 501025      | 10 |
| 03-01-2121 | CONROD ASSEMBLY          | 2500.0004.0 | 15 |
| 03-01-2122 | CRANK SHAFT              | 0500.0008.0 | 5  |
| 03-01-2123 | ROLLER BEARING -21317CCK | 8111.1101.4 | 15 |
| 03-01-2124 | SCRAPER MH 55            | 8810.6101.9 | 10 |
| 03-01-2125 | PISTON COMPLETE          | 2500.0108.0 | 50 |
| 03-01-2126 | BRASS BEARING            | 8120.0000.0 | 30 |
| 03-01-2127 | PISTON GUIDE             | 0201.0005.0 | 50 |
| 03-01-2128 | PLUNGER MH 55            | 0242.0028.0 | 25 |
| 03-01-2129 | LOWER COVER GASKET       | 0806.0007.0 | 20 |
| 03-01-2130 | UPPER COVER GASKET       | 0806.0006.0 | 20 |
| 03-01-2131 | OIL SEAL 35×47×8.5-SPEC  | 8810.8100.1 | 25 |

|            |                             |             |    |
|------------|-----------------------------|-------------|----|
| 03-01-2132 | ORING 72.69× 2.62           | 8810.1012.8 | 25 |
| 03-01-2133 | OIL SEAL COVER              | 0634.0048.0 | 25 |
| 03-01-2134 | ORING 80×2                  | 8810.1105.3 | 25 |
| 03-01-2135 | PACKING SUPPORT MH 55       | 0223.0031.0 | 25 |
| 03-01-2136 | ORING 96×2                  | 8810.1105.4 | 25 |
| 03-01-2137 | PACKING MH55                | 8810.2001.5 | 25 |
| 03-01-2138 | PACKING RING MH 55          | 0312.0022.0 | 25 |
| 03-01-2139 | SPACER MH55                 | 0313.0006.0 | 25 |
| 03-01-2140 | CYLINDER MH 55              | 0622.0019.0 | 25 |
| 03-01-2141 | ORING 72×4-SPEC             | 8810.1125.3 | 25 |
| 03-01-2142 | GEAR BOX FLANGE             | 0631.0007.0 | 5  |
| 03-01-2143 | GEAR BOX FLANGE GASKET      | 0806.0009.0 | 20 |
| 03-01-2144 | OIL SEAL 0 60×80×10         | 8810.8002.8 | 25 |
| 03-01-2145 | ROLLER BEARING 22212        | 8111.1001.2 | 20 |
| 03-01-2146 | GEAR BOX GASKET             | 0806.0008.0 | 20 |
| 03-01-2147 | PINION SHAFT 1500 RPM (Z20) | 0520.0007.0 | 10 |
| 03-01-2148 | ROLLER BEARING 21309        | 8111.1000.6 | 20 |
| 03-01-2149 | GEAR RETAINING FLANGE       | 0300.0008.0 | 15 |
| 03-01-2150 | GEAR 1500 RPM (Z 53)        | 0520.0006.0 | 20 |
| 03-01-2151 | ROLLER BEARING -21317-CC    | 8111.1002.1 | 20 |
| 03-01-2152 | VALVE COVER                 | 0632.0003.0 | 15 |
| 03-01-2153 | ANTIEXTURSION RING          | 8811.1200.3 | 10 |
| 03-01-2154 | ORING 70×4-SPEC             | 8810.1125.2 | 15 |
| 03-01-2155 | DELIVERY VALVE GUIDE        | 0212.0009.0 | 15 |
| 03-01-2156 | DELIVERY VALVE SPRING       | 0902.0005.0 | 10 |
| 03-01-2157 | DELIVERY VALVE PLATE        | 0822.0006.0 | 10 |
| 03-01-2158 | DELIVERY VALVE SEAT         | 0812.0007.0 | 10 |
| 03-01-2159 | ORING 72 ×3-SPEC            | 8810.1116.8 | 15 |
| 03-01-2160 | ORING 56×3-SPEC             | 8810.1116.1 | 15 |
| 03-01-2161 | SUCTION VALVE GUIDE         | 0212.0007.0 | 15 |
| 03-01-2162 | SUCTION VALVE SPRING        | 0902.0004.0 | 15 |
| 03-01-2163 | SUCTION VALVE PLATE         | 0822.0005.0 | 15 |
| 03-01-2164 | SUCTION VALVE SEAT          | 0812.0006.0 | 15 |
| 03-01-2165 | PLUG G 1/2                  | 0840.0001.0 | 25 |
| 03-01-2166 | VALVE ASSEMBLY              | 2080.0523.0 | 25 |
| 03-01-2167 | ORING 69.5 ×3 MH55          | 8810.1116.7 | 25 |
| 03-01-2168 | P.T.O                       | 501037      | 10 |
| 03-01-2169 | HYDRAULIC GEAR PUMP         | 3035413     | 10 |

### 31. SPARE PARTS FOR JET VOLVO FL6 , PCFL618 4 ×2 , MODEL ENGINE D6A230

| CODE NO. | DESCRIPTION | PART NO. | QT |
|----------|-------------|----------|----|
|----------|-------------|----------|----|

|            |                                |              |    |
|------------|--------------------------------|--------------|----|
| 03-01-2170 | PN3 PNEUMATIC REGULATION VALVE | 2435280      | 5  |
| 03-01-2171 | PNEUMATIC LEVER                | 1970929      | 5  |
| 03-01-2172 | SWITCH LIGHT                   | 3535276      | 10 |
| 03-01-2173 | PNEUMATIC SWITCH               | 2435164      | 5  |
| 03-01-2174 | SOLENOID VALVE                 | 3535654      | 5  |
| 03-01-2175 | AIR PRESSURE REGULATOR         | 2435256      | 5  |
| 03-01-2176 | AIR PRESSURE SWITCH            | 3539006      | 5  |
| 03-01-2177 | BUSHING OR PISTON              | SCP22300310  | 15 |
| 03-01-2178 | VALVE                          | SC97000102   | 5  |
| 03-01-2179 | ORING                          | SC881011052  | 50 |
| 03-01-2180 | ORING                          | SC881061017  | 50 |
| 03-01-2181 | ORING                          | 881010127    | 50 |
| 03-01-2182 | BUSHING OR PISTON              | SC.024200360 | 15 |
| 03-01-2183 | BUSHING OR PISTON              | SC.022300360 | 15 |

### 32. Spare parts related to Baghdad Mayoralty

#### Iveco EuroCargo ML170E23

| CODE NO    | Descriptions               | Part No. | Qty.   |
|------------|----------------------------|----------|--------|
| 03-01-2184 | Engine complete            | 99437529 | 3      |
| 03-01-2185 | Kit overhal gasket         | 1907853  | 5      |
| 03-01-2186 | Valves grind set           | 1907854  | 5      |
| 03-01-2187 | Crank shaft assy.          | 99468758 | 5      |
| 03-01-2188 | Conn. Rod assy.            | 98461753 | 24     |
| 03-01-2189 | Big - end bush             | 98459977 | 5 SET  |
| 03-01-2190 | Con. Rod STD               | 1930201  | 5 SET  |
| 03-01-2191 | Con. Rod bear - 0.254      | 1930202  | 10 SET |
| 03-01-2192 | Con. Rod Bear - 0.508      | 1930203  | 10 SET |
| 03-01-2193 | Big end bolt               | 4780627  | 60     |
| 03-01-2194 | Fly wheel assy.            | 4846997  | 5      |
| 03-01-2195 | Ring Gear                  | 4862411  | 5      |
| 03-01-2196 | Hexagon bolt for fly wheel | 4779121  | 60     |

|            |                                  |          |           |
|------------|----------------------------------|----------|-----------|
| 03-01-2197 | Piston Assy.                     | 1908888  | 60        |
| 03-01-2198 | Pisto Assy. + 0.6                | 1908889  | 30        |
| 03-01-2199 | Piston Ring Set STD              | 1908162  | 10<br>SET |
| 03-01-2200 | Piston ring sets + 0.6           | 1908700  | 5 SET     |
| 03-01-2201 | Piston Pin                       | 4835569  | 60        |
| 03-01-2202 | Circlip                          | 4770452  | 120       |
| 03-01-2203 | Thrust ring set STD              | 1901385  | 10<br>SET |
| 03-01-2204 | Thrust ring set + 0.1            | 1901386  | 10<br>SET |
| 03-01-2205 | Thrust ring set + 0.2            | 1901387  | 10<br>SET |
| 03-01-2206 | Thrust ring set + 0.5            | 1901388  | 10<br>SET |
| 03-01-2207 | Main bearing set STD             | 1930812  | 5 SET     |
| 03-01-2208 | Main bearing set 0.2             | 1930813  | 10<br>SET |
| 03-01-2209 | Main bearing set 0.5             | 1930814  | 10<br>SET |
| 03-01-2210 | Oil pump drivegear               | 4834232  | 10        |
| 03-01-2211 | Hub                              | 4655847  | 60        |
| 03-01-2212 | Vibration damper                 | 99456731 | 10        |
| 03-01-2213 | Nut                              | 4600189  | 60        |
| 03-01-2214 | Pulley                           | 98415894 | 5         |
| 03-01-2215 | Hexagon bolt for fly wheel       | 11288024 | 60        |
| 03-01-2216 | Oil nozzle for piston            | 98475474 | 60        |
| 03-01-2217 | Screw connector                  | 98475228 | 60        |
| 03-01-2218 | Crank case assy.                 | 4848145  | 5         |
| 03-01-2219 | Oil sump assy.                   | 4819237  | 5         |
| 03-01-2220 | Threaded oil plug (for oil sump) | 4847102  | 5         |
| 03-01-2221 | O-ring                           | 98465103 | 100       |
| 03-01-2222 | Kit-oil sump gasket              | 1907811  | 10<br>SET |
| 03-01-2223 | Cylinder liner                   | 4803030  | 10<br>SET |
| 03-01-2224 | Cam shaft bearing                | 98414982 | 10<br>SET |
| 03-01-2225 | Cam shaft bearing                | 98414983 | 10<br>SET |
| 03-01-2226 | Cam shaft bearing                | 98414984 | 10<br>SET |

|            |                                 |          |        |
|------------|---------------------------------|----------|--------|
| 03-01-2227 | Cam shaft bearing               | 98414985 | 10 SET |
| 03-01-2228 | Cam shaft bearing               | 98414986 | 10 SET |
| 03-01-2229 | Cam shaft bearing               | 98414987 | 10 SET |
| 03-01-2230 | Cam shaft bearing               | 98414988 | 10 SET |
| 03-01-2231 | Connector                       | 98407879 | 5      |
| 03-01-2232 | Dowel Pin Diam = 5 mm           | 17254970 | 10     |
| 03-01-2233 | Front Case cover assy.          | 4834357  | 5      |
| 03-01-2234 | Shaft seal front c. cover       | 99469265 | 5 SET  |
| 03-01-2235 | Flat engine GKT front cover     | 98424040 | 5 SET  |
| 03-01-2236 | Timming gear housin assy.       | 98410636 | 5      |
| 03-01-2237 | Flat engine GKT timming gear    | 98424039 | 5 SET  |
| 03-01-2238 | Bracket left                    | 4848312  | 5      |
| 03-01-2239 | Braket right                    | 4848295  | 5      |
| 03-01-2240 | Shaft seal rear case cover      | 99457401 | 5 SET  |
| 03-01-2241 | Flat engine GKT rear case cover | 4849994  | 5 SET  |
| 03-01-2242 | Cylinder head assy.             | 99452581 | 3      |
| 03-01-2243 | Intake elbow                    | 99436915 | 5      |
| 03-01-2244 | Intake elbow GKT                | 4851921  | 5      |
| 03-01-2245 | Cyln. Head cover                | 99444674 | 3      |
| 03-01-2246 | Cyln. Head cover gasket         | 98427866 | 5 SET  |
| 03-01-2247 | Temp. transmitter               | 4837951  | 5      |
| 03-01-2248 | Exhaust manifold front          | 4831581  | 5      |
| 03-01-2249 | connector sleeve                | 4833838  | 5      |
| 03-01-2250 | Exhaust manifold rear           | 98420293 | 5      |
| 03-01-2251 | Spacing bar (Exhaust manifold)  | 98486518 | 3      |
| 03-01-2252 | Hexagon bolt (Exhaust Manifold) | 98483026 | 3      |
| 03-01-2253 | Exhaust manifold GKT            | 98489690 | 3      |
| 03-01-2254 | Cyln. Head gasket sp=1.35 mm    | 1907832  | 3 SET  |
| 03-01-2255 | Cyln. Head gasket sp=1.58 mm    | 1907838  | 3 SET  |
| 03-01-2256 | Exahust valve                   | 1908395  | 3 SET  |

|            |                                         |          |       |
|------------|-----------------------------------------|----------|-------|
| 03-01-2257 | Inlet valve                             | 1908394  | 3 SET |
| 03-01-2258 | Valve guide                             | 98474643 | 5 SET |
| 03-01-2259 | Valve guide + 0.2                       | 98474645 | 5 SET |
| 03-01-2260 | Shaft seal                              | 40102063 | 5     |
| 03-01-2261 | Valve seat STD                          | 98495483 | 3 SET |
| 03-01-2262 | Valve seat + 0.20                       | 98495489 | 24    |
| 03-01-2263 | Spring cap botton                       | 4832572  | 6     |
| 03-01-2264 | Engine valve spring                     | 98437995 | 6     |
| 03-01-2265 | Spring cap top                          | 4832571  | 6     |
| 03-01-2266 | Valve cone                              | 61320851 | 12    |
| 03-01-2267 | Rocker Shaft Assy.                      | 4848131  | 12    |
| 03-01-2268 | Rocker Bracket                          | 4831533  | 12    |
| 03-01-2269 | Stud                                    | 98458150 | 100   |
| 03-01-2270 | Rocker arm assy.                        | 4849990  | 12    |
| 03-01-2271 | Nut (screw arm)                         | 61584377 | 24    |
| 03-01-2272 | Rocker arm screw                        | 4786841  | 24    |
| 03-01-2273 | Rocker arm spring                       | 4833900  | 24    |
| 03-01-2274 | Nozzle holder seat                      | 4770859  | 24    |
| 03-01-2275 | O-ring nozzle holder                    | 17278981 | 48    |
| 03-01-2276 | Stud nozzle holder                      | 13517521 | 50    |
| 03-01-2277 | Cyl. Head stud (each cyl. Head 26 stud) | 4799457  | 50    |
| 03-01-2278 | Exhaust hexagon bolt                    | 98483027 | 10    |
| 03-01-2279 | Cam shaft assy.                         | 99468762 | 3     |
| 03-01-2280 | Valve tappet                            | 98471499 | 60    |
| 03-01-2281 | Push rod                                | 4832667  | 5 SET |
| 03-01-2282 | Guide bolt                              | 98414013 | 10    |
| 03-01-2283 | Timing drive gear Assy. Z = 46          | 99468760 | 5     |
| 03-01-2284 | Timing drive gear Assy. Z= 49           | 98428921 | 5     |
| 03-01-2285 | Cam shaft pinion Assy. Z= 54            | 98420176 | 3     |
| 03-01-2286 | Cam shaft pinion Assy. Z = 50           | 99458464 | 3     |

|            |                                   |           |           |
|------------|-----------------------------------|-----------|-----------|
| 03-01-2287 | Turbo charger assy.               | 98441188  | 5         |
| 03-01-2288 | Kit turbocharger                  | 93161400  | 10<br>SET |
| 03-01-2289 | Flat engine GKT                   | 98428396  | 5 SET     |
| 03-01-2290 | Hexagon bolt (For turbocharger)   | 98491312  | 20        |
| 03-01-2291 | Flat engine GKT                   | 98428400  | 5 SET     |
| 03-01-2292 | Manifold                          | 98417936  | 5         |
| 03-01-2293 | Oil line                          | 4834182   | 10        |
| 03-01-2294 | Connector                         | 4834851   | 5         |
| 03-01-2295 | Air pipe / duct                   | 4843473   | 10        |
| 03-01-2296 | Clip                              | 4843862   | 10        |
| 03-01-2297 | O-ring                            | 17283481  | 20        |
| 03-01-2298 | Oil dipstick assy.                | 98420503  | 20        |
| 03-01-2299 | Lube oil pump assy.               | 500317093 | 5         |
| 03-01-2300 | Oil pump valve                    | 4834861   | 5         |
| 03-01-2301 | Heat exchange cover               | 4831158   | 5         |
| 03-01-2302 | Flat engine GKT for heat exchange | 4850952   | 5         |
| 03-01-2303 | Oil collar                        | 99435959  | 5         |
| 03-01-2304 | Heat exchange body                | 4830896   | 5         |
| 03-01-2305 | Threadeol union                   | 61315507  | 5         |
| 03-01-2306 | Oil filter support assy.          | 4903629   | 30        |
| 03-01-2307 | Air hood                          | 98428772  | 5         |
| 03-01-2308 | Blower                            | 98437234  | 5         |
| 03-01-2309 | Hub                               | 4858278   | 5         |
| 03-01-2310 | Water pump belt                   | 500370647 | 10<br>SET |
| 03-01-2311 | Water pump pulley                 | 98415893  | 10        |
| 03-01-2312 | Water pump                        | 4838676   | 5         |
| 03-01-2313 | Thermostat body                   | 98431828  | 10        |
| 03-01-2314 | connector sleeve                  | 4835356   | 5         |
| 03-01-2315 | Thermostat body                   | 98432310  | 5         |
| 03-01-2316 | Cover                             | 98416791  | 5         |

|            |                         |           |           |
|------------|-------------------------|-----------|-----------|
| 03-01-2317 | Cover                   | 4834983   | 5         |
| 03-01-2318 | Water pipe              | 98437261  | 5         |
| 03-01-2319 | Swivel coupling         | 98438152  | 10        |
| 03-01-2320 | Screw connector         | 4846937   | 10        |
| 03-01-2321 | Water pipe              | 4848622   | 10        |
| 03-01-2322 | Starter motor assy.     | 500325137 | 10        |
| 03-01-2323 | Starter support         | 79075906  | 10        |
| 03-01-2324 | Bush                    | 8190143   | 10        |
| 03-01-2325 | Starter supporty assy.  | 1308810   | 10        |
| 03-01-2326 | Starter winding         | 8190148   | 10        |
| 03-01-2327 | Kit-starter             | 79045355  | 10<br>SET |
| 03-01-2328 | Starter pinion assy.    | 79033659  | 10        |
| 03-01-2329 | Bush                    | 79033670  | 10        |
| 03-01-2330 | Starter armature        | 8122158   | 10        |
| 03-01-2331 | Carbon brushes          | 42522978  | 10        |
| 03-01-2332 | Tie rod                 | 1308813   | 10        |
| 03-01-2333 | Start couple lever      | 8190144   | 10        |
| 03-01-2334 | Relay                   | 1309205   | 20        |
| 03-01-2335 | Starter support         | 1308847   | 10        |
| 03-01-2336 | Spring                  | 1308848   | 10        |
| 03-01-2337 | Cover assy.             | 79075905  | 10        |
| 03-01-2338 | Alternator assy.        | 98417133  | 5         |
| 03-01-2339 | Generator fan           | 4470778   | 10        |
| 03-01-2340 | Generator pulley        | 98418920  | 10        |
| 03-01-2341 | voltage regulator assy. | 93158421  | 10        |
| 03-01-2342 | Kit-generator           | 1307188   | 10<br>SET |
| 03-01-2343 | Carbon brushes          | 9939709   | 10<br>SET |
| 03-01-2344 | Kit-generator           | 93161165  | 10<br>SET |
| 03-01-2345 | Generator rotor assy.   | 93191994  | 10        |
| 03-01-2346 | Ball bearing            | 1905441   | 10        |

|            |                           |          |        |
|------------|---------------------------|----------|--------|
| 03-01-2347 | Generator support         | 79022466 | 10     |
| 03-01-2348 | Generator support assy.   | 93160238 | 10     |
| 03-01-2349 | Rectifier                 | 79078926 | 10     |
| 03-01-2350 | Generator stator          | 93160234 | 10     |
| 03-01-2351 | Ball bearing              | 1905473  | 10     |
| 03-01-2352 | Air compressor assy.      | 98464999 | 5      |
| 03-01-2353 | Kit air compressor        | 79069742 | 5 SET  |
| 03-01-2354 | Kit air compressor        | 42533832 | 5 SET  |
| 03-01-2355 | Kit air compressor        | 42533833 | 5 SET  |
| 03-01-2356 | Kit air compressor        | 42533834 | 5 SET  |
| 03-01-2357 | Kit air compressor        | 93161295 | 5 SET  |
| 03-01-2358 | Kit air compressor        | 93161296 | 5 SET  |
| 03-01-2359 | Kit air compressor        | 93161297 | 5 SET  |
| 03-01-2360 | Kit air compressor        | 93161298 | 5 SET  |
| 03-01-2361 | Com. Drive gear           | 98416784 | 5      |
| 03-01-2362 | Oil pump steering assy.   | 4838335  | 5      |
| 03-01-2363 | Kit-hydrost pump          | 8124619  | 5 SET  |
| 03-01-2364 | Kit hydrost pump          | 93161236 | 5 SET  |
| 03-01-2365 | Kit hydrost pump          | 93161399 | 5 SET  |
| 03-01-2366 | Hub                       | 4630543  | 20     |
| 03-01-2367 | Ring                      | 4621358  | 20     |
| 03-01-2368 | Support assy.             | 98411290 | 20     |
| 03-01-2369 | Shaft                     | 98420198 | 10     |
| 03-01-2370 | Support assy.             | 4832747  | 20     |
| 03-01-2371 | Inline inject. Pump assy. | 98493215 | 5      |
| 03-01-2372 | Setting device assy.      | 93160667 | 5      |
| 03-01-2373 | Inject. Pump cyl.         | 42531273 | 10     |
| 03-01-2374 | Injection Pump housing    | 93160696 | 10     |
| 03-01-2375 | Kit inkection pump        | 93161211 | 10 SET |
| 03-01-2376 | Fuel pump                 | 93163940 | 10     |

|            |                                  |           |       |
|------------|----------------------------------|-----------|-------|
| 03-01-2377 | Rear cover                       | 93191562  | 5     |
| 03-01-2378 | Diaphragm                        | 93194873  | 5     |
| 03-01-2379 | Cylinder                         | 93160652  | 6     |
| 03-01-2380 | Cylinder                         | 93160669  | 6     |
| 03-01-2381 | Support assy.                    | 98413005  | 6     |
| 03-01-2382 | connector sleeve                 | 99430877  | 6     |
| 03-01-2383 | Injection pump sleeve            | 98466574  | 6     |
| 03-01-2384 | Advance unit                     | 98498384  | 10    |
| 03-01-2385 | Nozzle assy.                     | 99444432  | 120   |
| 03-01-2386 | Fuel nozzle                      | 99444433  | 120   |
| 03-01-2387 | Fuel filter assy.                | 98447551  | 100   |
| 03-01-2388 | Fuel filter elem.                | 1907640   | 100   |
| 03-01-2389 | Injec. Line set assy.            | 99480423  | 5 SET |
| 03-01-2390 | Fuel filter support              | 500316868 | 30    |
| 03-01-2391 | Fuel filter elem water separated | 1908547   | 30    |
| 03-01-2392 | Sensor                           | 98431956  | 10    |
| 03-01-2393 | Gear box / 1 assy. 2865.6 LHD    | 8859154   | 1     |
| 03-01-2394 | Kit gear box                     | 1908339   | 5 SET |
| 03-01-2395 | Front gear box cover             | 8859336   | 3     |
| 03-01-2396 | Shaft seal                       | 40101843  | 5 SET |
| 03-01-2397 | Clutch housing                   | 8859075   | 5     |
| 03-01-2398 | Transmission case                | 8859073   | 3     |
| 03-01-2399 | Rear gear box cover              | 8859220   | 3     |
| 03-01-2400 | Shaft seal                       | 40100503  | 5     |
| 03-01-2401 | Adhesive / Sticker loctite       | 93162432  | 5     |
| 03-01-2402 | Input shaft 5th speed            | 8863078   | 3     |
| 03-01-2403 | Gear box bearings                | 1905397   | 3     |
| 03-01-2404 | Roller cage                      | 1905271   | 5     |
| 03-01-2405 | Fastening ring                   | 8863079   | 5     |
| 03-01-2406 | Set of shims                     | 8860774   | 5 SET |

|            |                                |          |       |
|------------|--------------------------------|----------|-------|
| 03-01-2407 | Kit-synchronizer               | 8861647  | 3 SET |
| 03-01-2408 | Roller cage                    | 1905264  | 5     |
| 03-01-2409 | Splitter gear 5th speed        | 8859353  | 3     |
| 03-01-2410 | Set of shims                   | 8859309  | 3 SET |
| 03-01-2411 | Roller cage                    | 1905241  | 5     |
| 03-01-2412 | Splitter gear 4th speed        | 8863093  | 3     |
| 03-01-2413 | Kit - synchronizer (4th speed) | 8859905  | 3 SET |
| 03-01-2414 | Roller cage                    | 1905263  | 5     |
| 03-01-2415 | Splitter gear 3rd speed        | 8863092  | 3 SET |
| 03-01-2416 | Splitter gear 2nd speed        | 8863091  | 3 SET |
| 03-01-2417 | Kit-synchronizer               | 8860511  | 3 SET |
| 03-01-2418 | Synchronizer complete          | 8869977  | 3     |
| 03-01-2419 | Roller cage                    | 1905262  | 5     |
| 03-01-2420 | Splitter gear 1st speed        | 8859466  | 3     |
| 03-01-2421 | Gear box hub                   | 8859469  | 10    |
| 03-01-2422 | Reverse gear                   | 8859465  | 3     |
| 03-01-2423 | Roller cage                    | 1905253  | 5     |
| 03-01-2424 | Stop washer                    | 8859502  | 5     |
| 03-01-2425 | Gear box bearings              | 1905260  | 5     |
| 03-01-2426 | Worm                           | 8859221  | 5     |
| 03-01-2427 | Shift sleeve                   | 8859400  | 5     |
| 03-01-2428 | Hexagon nut                    | 8860552  | 10    |
| 03-01-2429 | Counter shaft                  | 99808066 | 3     |
| 03-01-2430 | Gear box bearings              | 1905261  | 5     |
| 03-01-2431 | Spacing bar                    | 8862210  | 5     |
| 03-01-2432 | Return shaft                   | 8861569  | 3     |
| 03-01-2433 | Dowel Pin                      | 17259070 | 5     |
| 03-01-2434 | Roller cage                    | 1905254  | 5     |
| 03-01-2435 | Reverse gear sp = 32           | 8859095  | 3     |
| 03-01-2436 | Block                          | 8859186  | 5     |

|            |                      |          |    |
|------------|----------------------|----------|----|
| 03-01-2437 | Gear selector        | 8859120  | 5  |
| 03-01-2438 | Thrust rod           | 8859081  | 5  |
| 03-01-2439 | Locking plate        | 8859420  | 3  |
| 03-01-2440 | Shift fork rod       | 8859056  | 3  |
| 03-01-2441 | Stift-fork 6°-5°     | 8862000  | 3  |
| 03-01-2442 | Shift-fork 4°-3°     | 8862004  | 3  |
| 03-01-2443 | Stift-fork 2°-1°     | 8859036  | 3  |
| 03-01-2444 | Shift fork RV speed  | 8859182  | 3  |
| 03-01-2445 | Bush                 | 8859274  | 3  |
| 03-01-2446 | Shift fork rod       | 8859028  | 3  |
| 03-01-2447 | Gear select. Sleeve  | 8859165  | 3  |
| 03-01-2448 | Dowl Pin             | 17272970 | 3  |
| 03-01-2449 | Upper gear box       | 8859033  | 3  |
| 03-01-2450 | Lever K nob          | 98408939 | 3  |
| 03-01-2451 | Shift lever          | 4840325  | 3  |
| 03-01-2452 | Screen               | 4725230  | 3  |
| 03-01-2453 | Flange               | 98420441 | 3  |
| 03-01-2454 | Clutch assy.         | 1908538  | 5  |
| 03-01-2455 | Clutch disc          | 99432135 | 10 |
| 03-01-2456 | Release sleeve       | 1905274  | 10 |
| 03-01-2457 | Kit clutch plate     | 93161927 | 10 |
| 03-01-2458 | Clutch lever         | 42115302 | 10 |
| 03-01-2459 | Bush                 | 42115377 | 10 |
| 03-01-2460 | Shaft                | 42115322 | 5  |
| 03-01-2461 | Rear axle assy.      | 7173462  | 1  |
| 03-01-2462 | Brake drum           | 7173281  | 4  |
| 03-01-2463 | Power steering assy. | 8161688  | 3  |
| 03-01-2464 | Steering rod         | 98469650 | 3  |
| 03-01-2465 | Steering arm         | 98431233 | 3  |
| 03-01-2466 | Steering spindle     | 98415270 | 3  |

|            |                             |           |        |
|------------|-----------------------------|-----------|--------|
| 03-01-2467 | Steering bracket            | 500308775 | 3      |
| 03-01-2468 | Steering support assy.      | 98437502  | 3      |
| 03-01-2469 | Steering bearing            | 98437501  | 5      |
| 03-01-2470 | Steering wheel assy.        | 8143881   | 3      |
| 03-01-2471 | Cab shock absorber          | 99438144  | 5      |
| 03-01-2472 | Cab tilting pump assy.      | 500316981 | 5      |
| 03-01-2473 | Cab tilting cylinder assy.  | 98427951  | 5      |
| 03-01-2474 | Support                     | 8142925   | 5      |
| 03-01-2475 | Air filter                  | 1907557   | 30     |
| 03-01-2476 | Air clener assy.            | 500392989 | 10     |
| 03-01-2477 | Duplex distributor assy.    | 99435645  | 10     |
| 03-01-2478 | Kit-air distributor         | 93161885  | 5 SET  |
| 03-01-2479 | Kit-air distributor         | 93161868  | 5 SET  |
| 03-01-2480 | Tractor brake val assy.     | 8137037   | 10     |
| 03-01-2481 | Kit brake val               | 93161152  | 10 SET |
| 03-01-2482 | Rear eng. Mount             | 98479055  | 5      |
| 03-01-2483 | Support                     | 98417426  | 5      |
| 03-01-2484 | Front engin. Mount right    | 98417420  | 5      |
| 03-01-2485 | Front engin. Mount left     | 98466933  | 5      |
| 03-01-2486 | Cab shock absorber          | 98408734  | 10     |
| 03-01-2487 | Support ssy.                | 98482779  | 10     |
| 03-01-2488 | Oil pressure gauge          | 98474450  | 20     |
| 03-01-2489 | Temperature indicator water | 4860446   | 20     |
| 03-01-2490 | Pressure gauge air          | 4822921   | 20     |
| 03-01-2491 | Fuel gauge                  | 4822918   | 10     |
| 03-01-2492 | oil filter .                | 1903629   | 60     |

### 33. SPARE PARTS FOR TIPPER CALABRESE Model 380 E 31

#### EURO TRAKKER TIPPER CALABRESE

| CODE NO. | Description | Part No. | QTY. |
|----------|-------------|----------|------|
|----------|-------------|----------|------|

|            |                                         |          |   |
|------------|-----------------------------------------|----------|---|
| 03-01-2493 | Gearbox Eaton RT 14609A LHD             | 8851552  | 5 |
| 03-01-2494 | Front Gearbox cover                     | 93157158 | 5 |
| 03-01-2495 | Oil retainer                            | 7981329  | 5 |
| 03-01-2496 | Shaft seal                              | 93193398 | 5 |
| 03-01-2497 | Retainer                                | 7980781  | 5 |
| 03-01-2498 | Rear gearbox cover                      | 93193448 | 5 |
| 03-01-2499 | Upper gearbox cover                     | 42533171 | 5 |
| 03-01-2500 | Threaded plug                           | 93156206 | 5 |
| 03-01-2501 | O-ring (2 for each)                     | 42531748 | 5 |
| 03-01-2502 | Switch                                  | 42531747 | 5 |
| 03-01-2503 | Retainer (2 for each)                   | 7984791  | 5 |
| 03-01-2504 | Rear light switch                       | 42531746 | 5 |
| 03-01-2505 | Protection                              | 8197973  | 5 |
| 03-01-2506 | Pin                                     | 9930221  | 5 |
| 03-01-2507 | Gasket                                  | 9930222  | 5 |
| 03-01-2508 | Spring                                  | 8123646  | 5 |
| 03-01-2509 | Ball (3 for each)                       | 9930376  | 5 |
| 03-01-2510 | Threaded plug Magnetic                  | 8122703  | 5 |
| 03-01-2511 | Parallel pin (2 for each)               | 93156895 | 5 |
| 03-01-2512 | Transmission case                       | 9989141  | 5 |
| 03-01-2513 | Side gearbox cover                      | 9930152  | 5 |
| 03-01-2514 | Lower gearbox cover                     | 93193285 | 5 |
| 03-01-2515 | Circlip (2 for each)                    | 9930124  | 5 |
| 03-01-2516 | Gearbox Bearing (2 for each)            | 1905076  | 5 |
| 03-01-2517 | Countershaft (2 for each)               | 7980766  | 5 |
| 03-01-2518 | Key (2 for each)                        | 9989093  | 5 |
| 03-01-2519 | Dowel pin (2 for each)                  | 9930299  | 5 |
| 03-01-2520 | Key (2 for each)                        | 7980769  | 5 |
| 03-01-2521 | Splitter gear (1st speed) (2 for each)  | 8123641  | 5 |
| 03-01-2522 | Splitter gearb (2nd speed) (2 for each) | 7984336  | 5 |

|            |                                               |          |    |
|------------|-----------------------------------------------|----------|----|
| 03-01-2523 | Splitter gearb (3rd speed) (2 for each)       | 7984171  | 5  |
| 03-01-2524 | Splitter gearb PTO left                       | 9989107  | 5  |
| 03-01-2525 | Splitter gear PTO right                       | 8122711  | 5  |
| 03-01-2526 | Splitter gear (4th speed) (2 for each)        | 8123643  | 10 |
| 03-01-2527 | Circlip (2 for each)                          | 7980763  | 10 |
| 03-01-2528 | Gearbox bearings (2 for each)                 | 1905006  | 10 |
| 03-01-2529 | Circlip (2 for each)                          | 7980790  | 10 |
| 03-01-2530 | Hexagon bolt (2 for each)                     | 7980771  | 10 |
| 03-01-2531 | Washer (2 for each)                           | 9930117  | 10 |
| 03-01-2532 | Washer (2 for each)                           | 42532114 | 10 |
| 03-01-2533 | Gearbox bearings (2 for each)                 | 9930118  | 10 |
| 03-01-2534 | Reverse gear (2 for each)                     | 9989128  | 10 |
| 03-01-2535 | Plate (2 for each)                            | 9930234  | 10 |
| 03-01-2536 | Return shaft (2 for each)                     | 42533169 | 10 |
| 03-01-2537 | Spring lockwasher (2 for each)                | 42533170 | 10 |
| 03-01-2538 | Hexagon bolt (2 for each)                     | 42533176 | 10 |
| 03-01-2539 | Cap nut                                       | 9930095  | 10 |
| 03-01-2540 | Gearbox bearings                              | 1905077  | 5  |
| 03-01-2541 | Spacing bar                                   | 9989117  | 5  |
| 03-01-2542 | Circlip (6 for each)                          | 9989103  | 30 |
| 03-01-2543 | Splitter gear (4th speed)                     | 8123642  | 5  |
| 03-01-2544 | Input shaft                                   | 93193437 | 5  |
| 03-01-2545 | Bush                                          | 93158011 | 5  |
| 03-01-2546 | Main shaft assy.                              | 9989092  | 5  |
| 03-01-2547 | Dowel pin                                     | 9930298  | 5  |
| 03-01-2548 | Reverse gear                                  | 9989127  | 5  |
| 03-01-2549 | Spacing ring (5 for each)                     | 9989102  | 25 |
| 03-01-2550 | Spacing ring (sp=6.3 - 6.35 mm) (5 for each)  | 93190927 | 25 |
| 03-01-2551 | Spacing ring (sp=6.42 - 6.47 mm) (5 for each) | 93193412 | 25 |
| 03-01-2552 | Spacing ring (5 for each)                     | 93193439 | 25 |

|            |                                   |          |       |
|------------|-----------------------------------|----------|-------|
| 03-01-2553 | Spacing ring (5 for each)         | 93193440 | 25    |
| 03-01-2554 | Spacing ring (5 for each)         | 93193441 | 25    |
| 03-01-2555 | Spacing ring (5 for each)         | 93193442 | 25    |
| 03-01-2556 | Sliding sleeve (3 for each)       | 9989108  | 15    |
| 03-01-2557 | Splitter gear Low speed           | 9989126  | 5     |
| 03-01-2558 | Splitter gear 1st speed           | 8123638  | 5     |
| 03-01-2559 | Splitter gear 2nd speed           | 8123637  | 5     |
| 03-01-2560 | Splitter gear 3rd speed           | 8123639  | 5     |
| 03-01-2561 | Circlip (2 for each)              | 9989131  | 5     |
| 03-01-2562 | Circlip                           | 9989118  | 5     |
| 03-01-2563 | Gearbox bearings                  | 1905427  | 5     |
| 03-01-2564 | Saddle plate                      | 93158013 | 5     |
| 03-01-2565 | Hexagon bolt (6 for each)         | 93193450 | 30    |
| 03-01-2566 | O-ring (2 for each)               | 9989134  | 10    |
| 03-01-2567 | Splitter gear                     | 93160876 | 5     |
| 03-01-2568 | Spring (3 for each)               | 9930174  | 15    |
| 03-01-2569 | Synchronizer                      | 93191874 | 5     |
| 03-01-2570 | Synchronizer                      | 93193453 | 5     |
| 03-01-2571 | Output shaft assy.                | 93193454 | 5     |
| 03-01-2572 | Spacer ring                       | 8121706  | 5     |
| 03-01-2573 | Splitter gear                     | 93193455 | 5     |
| 03-01-2574 | Washer                            | 8121705  | 5     |
| 03-01-2575 | Gearbox bearings                  | 1905007  | 5     |
| 03-01-2576 | Cap nut                           | 93157132 | 5     |
| 03-01-2577 | O-ring                            | 93156008 | 5     |
| 03-01-2578 | Worm                              | 93159912 | 5     |
| 03-01-2579 | Key                               | 93190928 | 5     |
| 03-01-2580 | Protection                        | 8193877  | 5     |
| 03-01-2581 | Flange (Diam = 180 mm four holes) | 93156010 | 5     |
| 03-01-2582 | Kit-synchronizer                  | 93191961 | 5 set |

|            |                                                        |           |    |
|------------|--------------------------------------------------------|-----------|----|
| 03-01-2583 | Gearbox bearings (Diam=35x80 mm sp=21 mm) (2 for each) | 1905004   | 5  |
| 03-01-2584 | Countershaft (2 for each)                              | 93193449  | 10 |
| 03-01-2585 | Gearbox bearings (2 for each)                          | 1905426   | 10 |
| 03-01-2586 | Spacer ring (2 for each)                               | 42534193  | 10 |
| 03-01-2587 | Gearshaft assy. For LHD gearbox                        | 993155013 | 5  |
| 03-01-2588 | Protective hood                                        | 9930725   | 5  |
| 03-01-2589 | Washer                                                 | 8193879   | 5  |
| 03-01-2590 | Bush (2 for each)                                      | 9931115   | 10 |
| 03-01-2591 | Housing assy. Front                                    | 93194985  | 5  |
| 03-01-2592 | Screw                                                  | 8190234   | 5  |
| 03-01-2593 | Clip                                                   | 93156363  | 5  |
| 03-01-2594 | spring                                                 | 8190235   | 5  |
| 03-01-2595 | Washer (2 for each)                                    | 9984394   | 10 |
| 03-01-2596 | Spacing bar                                            | 8190232   | 5  |
| 03-01-2597 | Spring                                                 | 9984391   | 5  |
| 03-01-2598 | Bush                                                   | 9984392   | 5  |
| 03-01-2599 | Washer                                                 | 9984390   | 5  |
| 03-01-2600 | Propeller shaft                                        | 9985058   | 5  |
| 03-01-2601 | Dowel pin                                              | 9984393   | 5  |
| 03-01-2602 | Housing                                                | 8194926   | 5  |
| 03-01-2603 | Cover assy. Rear                                       | 9984405   | 5  |
| 03-01-2604 | Hexagon bolt (8 for each)                              | 93156361  | 40 |
| 03-01-2605 | Flat hearbox gasket (2 for each)                       | 93155572  | 10 |
| 03-01-2606 | threaded plug                                          | 93156206  | 5  |
| 03-01-2607 | Hexagon bolt (2 for each)                              | 93194227  | 10 |
| 03-01-2608 | Shift fork                                             | 93194226  | 5  |
| 03-01-2609 | Valve                                                  | 8196992   | 5  |
| 03-01-2610 | Hexagon bolt (8 for each)                              | 9930382   | 40 |
| 03-01-2611 | O-ring                                                 | 2981388   | 5  |
| 03-01-2612 | Shift fork rod                                         | 93194225  | 5  |

|            |                                    |          |    |
|------------|------------------------------------|----------|----|
| 03-01-2613 | Valve plunger                      | 9930130  | 5  |
| 03-01-2614 | O-ring                             | 9930132  | 5  |
| 03-01-2615 | O-ring                             | 2981391  | 5  |
| 03-01-2616 | Nut                                | 9930370  | 5  |
| 03-01-2617 | Cover                              | 7982331  | 5  |
| 03-01-2618 | Connector                          | 9981636  | 5  |
| 03-01-2619 | Stop 2nd-3rd speed                 | 9930161  | 5  |
| 03-01-2620 | Parallel pin                       | 9930065  | 5  |
| 03-01-2621 | Stop                               | 9930162  | 5  |
| 03-01-2622 | Ball (2 for each)                  | 9930392  | 10 |
| 03-01-2623 | Shift fork rod (3rd direct speed)  | 9989140  | 5  |
| 03-01-2624 | Shift fork 1st-2nd speed           | 9989112  | 5  |
| 03-01-2625 | Shift fork rod (1st-2nd speed)     | 9989111  | 5  |
| 03-01-2626 | Shift fork (3rd-director speed)    | 9989113  | 5  |
| 03-01-2627 | Shift fork rod (low-reverse speed) | 9989110  | 5  |
| 03-01-2628 | Spring                             | 9930078  | 5  |
| 03-01-2629 | Propeller shaft                    | 93191134 | 5  |
| 03-01-2630 | Shift for (low reverse speed       | 7980671  | 5  |
| 03-01-2631 | Washer                             | 7982341  | 5  |
| 03-01-2632 | Threaded plug (m18)                | 7982345  | 5  |
| 03-01-2633 | Screw (5 for each)                 | 8190880  | 25 |
| 03-01-2634 | Pin                                | 9989841  | 5  |
| 03-01-2635 | Kit-gear box                       | 8124747  | 5  |
| 03-01-2636 | Flat gearbox gasket                | 8120120  | 5  |
| 03-01-2637 | Spring                             | 8190236  | 5  |
| 03-01-2638 | thrust rod                         | 8123647  | 5  |
| 03-01-2639 | Connector (3 for each)             | 9930103  | 15 |
| 03-01-2640 | Hexagon bolt (4 for each)          | 8197225  | 20 |
| 03-01-2641 | Hose                               | 7982304  | 5  |
| 03-01-2642 | Hose                               | 42490452 | 5  |

|                                                                        |                           |                 |             |
|------------------------------------------------------------------------|---------------------------|-----------------|-------------|
| 03-01-2643                                                             | Filter assy.              | 7980775         | 50          |
| 03-01-2644                                                             | Kit-gearbox               | 7980776         | 5 set       |
| 03-01-2645                                                             | Screw                     | 9930380         | 5           |
| 03-01-2646                                                             | Retainer                  | 7980781         | 5           |
| 03-01-2647                                                             | Hose                      | 8120248         | 5           |
| 03-01-2648                                                             | Hexagon bolt (2 for each) | 93157002        | 10          |
| 03-01-2649                                                             | Clip                      | 8198420         | 5           |
| 03-01-2650                                                             | Kit-gearbox               | 8124733         | 5           |
| 03-01-2651                                                             | Guide bush assy.          | 8196991         | 5           |
| 03-01-2652                                                             | O-ring                    | 93194811        | 5           |
| 03-01-2653                                                             | Power take off assy.      | 8850858         | 5           |
| 03-01-2654                                                             | Cylinder old              | 503650          | 5           |
| 03-01-2655                                                             | Deviator old              | 2435606         | 5           |
| 03-01-2656                                                             | Pompo imgr. F40.870       | 3035162         | 5           |
| 03-01-2657                                                             | P.diF. 1900 HY            | 3038155         | 5           |
| 03-01-2658                                                             | Fondello                  | 36FON154        | 5           |
|                                                                        |                           |                 |             |
| <b>34. SPARE PARTS FOR IVECO EURO TRAKKER UNITS GARBAGE COLLECTION</b> |                           |                 |             |
| <b>CODE NO.</b>                                                        | <b>Description</b>        | <b>Part No.</b> | <b>QTY.</b> |
| 03-01-2659                                                             | FUEL FILTER ASSY          | 98447551        | 150         |
| 03-01-2660                                                             | FUELE FILTER ELEM         | 1907640         | 150         |
| 03-01-2661                                                             | FUEL FILTER ELEM          | 1908547         | 150         |
| 03-01-2662                                                             | FUEL FILTER. SUPPORT      | 500316868       | 100         |
| 03-01-2663                                                             | TURBO CHARGER ASSY        | 9846 2944       | 5           |
| 03-01-2664                                                             | KIT- TURBO CHARYER        | 9316 1441       | 10 SET      |
| 03-01-2665                                                             | OIL FILTER ASSY           | 9846 9515       | 150         |
| 03-01-2666                                                             | OIL FILTER                | 190 3629        | 150         |
| 03-01-2667                                                             | GEAR BOX ZF 16s151 LHD    | 8851700         | 2           |
| 03-01-2668                                                             | KiT . G . BOX GAsKeTs     | 93161691        | 5 SET       |
| 03-01-2669                                                             | KiT . G . BOX GAsKeTs     | 93161691        | 5 SET       |

|            |                       |           |       |
|------------|-----------------------|-----------|-------|
| 03-01-2670 | KIT . G . BOX GAsKeTs | 93161691  | 5 SET |
| 03-01-2671 | PLATE                 | 42531750  | 5     |
| 03-01-2672 | PUMP SHAFT            | 42531421  | 5     |
| 03-01-2673 | TURNING GEAR          | 93191179  | 5     |
| 03-01-2674 | COVER                 | 42530599  | 5     |
| 03-01-2675 | INPUT SHAFT ASSY      | 42534440  | 5     |
| 03-01-2676 | GEAR BOX BEARINGS     | 299 1733  | 5     |
| 03-01-2677 | STOP                  | 93156036  | 5     |
| 03-01-2678 | SPRING                | 2967403   | 5     |
| 03-01-2679 | SYNCHROMESH BODY      | 931564118 | 5     |
| 03-01-2680 | SLIDING SLEEVE        | 42534465  | 5     |
| 03-01-2681 | SYNCHRO NIZER         | 42532487  | 5     |
| 03-01-2682 | GEAR WHEEL            | 42534629  | 5     |
| 03-01-2683 | COUNTER SHAFT         | 93193579  | 5     |
| 03-01-2684 | BOLLER BEARING        | 1905328   | 5     |
| 03-01-2685 | GEAR BOX BEARING      | 7982090   | 5     |
| 03-01-2686 | GEAR WHEEL            | 93190513  | 5     |
| 03-01-2687 | MAIN SHAFT            | 9316 3894 | 5     |
| 03-01-2688 | ROLLER BEARING        | 299 1734  | 5     |
| 03-01-2689 | ROLER CAGE            | 190 5331  | 5     |
| 03-01-2690 | ROLER CAGE            | 190 5330  | 5     |
| 03-01-2691 | REVUSE GEAR Z= 44     | 9319 0518 | 5     |
| 03-01-2692 | GEAR WHEEL 1ST SPEED  | 9319 0516 | 5     |
| 03-01-2693 | SYN CHRO NIZER        | 9316 3896 | 5     |
| 03-01-2694 | SLIDIN G SLEEVE       | 4253 4633 | 5     |
| 03-01-2695 | SYX CHRO NIZER        | 4253 4634 | 5     |
| 03-01-2696 | GEAR WHEEL 2 NO SPEED | 93190 515 | 5     |
| 03-01-2697 | GEAR WHEEL 3RD SPEED  | 93190519  | 5     |
| 03-01-2698 | SYNCHRO NIZER         | 93156419  | 5     |
| 03-01-2699 | SLIDING SLEEVE        | 4253 4465 | 5     |

|            |                               |           |    |
|------------|-------------------------------|-----------|----|
| 03-01-2700 | SYNCHRO NIZER                 | 4253 2487 | 5  |
| 03-01-2701 | ROLLER BEARNG                 | 190 5334  | 5  |
| 03-01-2702 | SPLITTER GEAR 4 TH SPEED      | 4253 2887 | 5  |
| 03-01-2703 | ROLLER CAGE                   | 9315 6500 | 5  |
| 03-01-2704 | CIRCLIP                       | 9315 6515 | 5  |
| 03-01-2705 | G. BOX SATTELITE              | 9316 3913 | 5  |
| 03-01-2706 | G. BOX HUBGEAR CARR           | 9316 3916 | 5  |
| 03-01-2707 | G. BOX INT .RING GEAR         | 9316 3917 | 5  |
| 03-01-2708 | G. BOX PLANTE . CORR          | 9316 3912 | 5  |
| 03-01-2709 | GUIDE BOLT                    | 9316 3915 | 5  |
| 03-01-2710 | SYNCHRO ME SH BODY HIGH GEARS | 9315 6049 | 5  |
| 03-01-2711 | SYNCHRO NIZER                 | 4253 2826 | 5  |
| 03-01-2712 | SYNCHRO ME SH BODY LOW GEAR   | 9319 1215 | 5  |
| 03-01-2713 | ELECTRON. TRANS MITT          | 485770    | 5  |
| 03-01-2714 | SHIFT FORK ROAD               | 9319 0523 | 5  |
| 03-01-2715 | VALVE                         | 4253 4677 | 5  |
| 03-01-2716 | CYLINDER                      | 4253 2018 | 5  |
| 03-01-2717 | OPERATING PISTON              | 9319 3406 | 5  |
| 03-01-2718 | SHIFT FORK                    | 9319 0546 | 5  |
| 03-01-2719 | SLINDING SHOE                 | 819 8817  | 5  |
| 03-01-2720 | GEAR BOX BEARINGS             | 7982 088  | 5  |
| 03-01-2721 | SHIFT LEVER                   | 4121 0621 | 5  |
| 03-01-2722 | SUPPORT                       | 8138 792  | 5  |
| 03-01-2723 | STIFFENING PLATE              | 4101 5805 | 5  |
| 03-01-2724 | BEARING HOUSING               | 4101 3879 | 5  |
| 03-01-2725 | GUIDE SLEEVE                  | 4101 1049 | 5  |
| 03-01-2726 | STEERING ROD                  | 4100 5463 | 10 |
| 03-01-2727 | STEERING ARM                  | 4100 9871 | 10 |
| 03-01-2728 | POWER STEERING ASSY           | 8161 689  | 10 |
| 03-01-2729 | STEERING SPINDLE              | 8139 398  | 10 |

|                                                      |                                            |             |    |
|------------------------------------------------------|--------------------------------------------|-------------|----|
| 03-01-2730                                           | STEERING BEARING                           | 4100 2412   | 10 |
|                                                      |                                            |             |    |
| <b>35. SPARE PARTS FOR WHEEL LOADER ,TYPE ZL 40B</b> |                                            |             |    |
|                                                      | 8. HYDRAULIC SYSTEM ENGINE TYPE DF6135-11A |             |    |
| <b>CODE NO.</b>                                      | <b>DESCRIPTION</b>                         | <b>QTY.</b> |    |
| 03-01-2731                                           | PRESSURE VALVE                             | 10          |    |
| 03-01-2732                                           | OUT LET PRESSURE VALVE                     | 10          |    |
| 03-01-2733                                           | RELIEF VAVLE                               | 10          |    |
| 03-01-2734                                           | ACCUMULATER                                | 10          |    |
| 03-01-2735                                           | TRANSMISSION CONTROL VALVE                 | 10          |    |
| 03-01-2736                                           | GEAR PUMP FOR TRANSMISSION                 | 10          |    |
| 03-01-2737                                           | RETURN OIL FILTER                          | 25          |    |
| 03-01-2738                                           | GEAR PUMP FOR LIFTING                      | 15          |    |
| 03-01-2739                                           | DISTRIBUTION VAVLE                         | 10          |    |
| 03-01-2740                                           | LIFT CYLINDER                              | 6           |    |
| 03-01-2741                                           | TILT CYLINDER                              | 6           |    |
| 03-01-2742                                           | COTROL CABLE                               | 6           |    |
|                                                      | 9. BRAKE SYSTEM VALVE PARTS                |             |    |
| 03-01-2743                                           | AIR COMPRESSOR                             | 10          |    |
| 03-01-2744                                           | AIR BOOSTING PUMP                          | 25          |    |
| 03-01-2745                                           | AIR BRAKE VALVE                            | 15          |    |
| 03-01-2746                                           | BRAK PLIERS (ASSY.)                        | 40          |    |
| 03-01-2747                                           | FRICTION SPACER (ASSY.)                    | 100         |    |
| 03-01-2748                                           | BRAKE DISK (FLANGE)                        | 20          |    |
|                                                      |                                            |             |    |
|                                                      | 10. WORKING EQUIPMENT                      |             |    |
| 03-01-2749                                           | BUCKET TEETH                               | 280         |    |
| 03-01-2750                                           | EDGE WEAR (SET)                            | 100         |    |
| 03-01-2751                                           | BUCKET TEETH BOLTS AND NUT                 | 500         |    |
| 03-01-2752                                           | COMPLET CAB                                | 2           |    |

|            |                                          |     |  |
|------------|------------------------------------------|-----|--|
| 03-01-2753 | LEFT SIDE FLOW ASSY                      | 5   |  |
| 03-01-2754 | RIGHT SIDE FLOW ASSY                     | 5   |  |
| 03-01-2755 | FRONT HOOD                               | 5   |  |
| 03-01-2756 | REAR HOOD                                | 5   |  |
| 03-01-2757 | ENGINE HOOD ASSY                         | 10  |  |
|            |                                          |     |  |
|            | 11. FILTERS GROUP                        |     |  |
| 03-01-2758 | FILTER SCREEN (ASSY.) (T.SYSTEM)         | 75  |  |
| 03-01-2759 | FILTER SCREEN (ASSY.) RETUNE OIL FILTER) | 75  |  |
| 03-01-2760 | AIR FILTER (GROUP)                       | 75  |  |
| 03-01-2761 | FILTER PORTAT FILTER (FUEL TANK)         | 20  |  |
| 03-01-2762 | OIL FILTER OF TANK (SET)                 | 20  |  |
| 03-01-2763 | OIL FILTER ( ENGINE)                     | 200 |  |
| 03-01-2764 | FUEL FILTER (ENGINE)                     | 200 |  |

### 36. SPARE PARTS FOR WHEEL LOADER ,TYPE ZL 40DENGINE TYPE WD61500

|            |                            |      |  |
|------------|----------------------------|------|--|
|            | 8. HYDRAULIC SYSTEM        |      |  |
|            | DESCRIPTION                | QTY. |  |
| 03-01-2765 | PRESSURE VALVE             | 10   |  |
| 03-01-2766 | OUTLET PRESSURE VALVE      | 10   |  |
| 03-01-2767 | RELIEF VAVLE               | 10   |  |
| 03-01-2768 | ACCUMULATER                | 10   |  |
| 03-01-2769 | TRANSMISSION CONTROL VALVE | 10   |  |
| 03-01-2770 | GEAR PUMP FOR TRANSMISSION | 15   |  |
| 03-01-2771 | RETURN OIL FILTER          | 10   |  |
| 03-01-2772 | GEAR PUMP FOR LIFTING      | 15   |  |
| 03-01-2773 | DISTRIBUTION VAVLE         | 10   |  |
| 03-01-2774 | LIFT CYLINDER              | 6    |  |
| 03-01-2775 | TILT CYLINDER              | 6    |  |
| 03-01-2776 | CONTROL CABLE              | 5    |  |

|            |                                          |     |  |
|------------|------------------------------------------|-----|--|
|            | 9. BRAKE SYSTEM VALVE PARTS              |     |  |
| 03-01-2777 | AIR COMPRESSOR                           | 10  |  |
| 03-01-2778 | AIR BOOSTING PUMP                        | 20  |  |
| 03-01-2779 | AIR BRAKE VALVE                          | 20  |  |
| 03-01-2780 | BRAK PLIERS (ASSY.)                      | 24  |  |
| 03-01-2781 | FRICTION SPACER (ASSY.)                  | 100 |  |
| 03-01-2782 | BRAKE DISK                               | 20  |  |
|            |                                          |     |  |
|            | 10. WORKING EQUIPMENT                    |     |  |
| 03-01-2783 | BUCKET TEETH                             | 280 |  |
| 03-01-2784 | EDGE WEAR (SET)                          | 100 |  |
| 03-01-2785 | BUCKET                                   | 2   |  |
| 03-01-2786 | BUCKET TEETH BOLT & NUT                  | 500 |  |
| 03-01-2787 | COMPETE CAB                              | 2   |  |
| 03-01-2788 | LEFT SIDE FLOOR ASSY.                    | 5   |  |
| 03-01-2789 | RIGHT SIDE FLOOR ASSY.                   | 5   |  |
| 03-01-2790 | ENGINE HOOD ASSY.                        | 5   |  |
| 03-01-2791 | FRONT HOOD                               | 5   |  |
| 03-01-2792 | REAR HOOD                                | 5   |  |
|            |                                          |     |  |
|            | 11. FILTERS GROUP                        |     |  |
| 03-01-2793 | FILTER SCREEN (ASSY.) (T.SYSTEM)         | 75  |  |
| 03-01-2794 | FILTER SCREEN (ASSY.) RETUNE OIL FILTER) | 75  |  |
| 03-01-2795 | AIR FILTER (GROUP)                       | 75  |  |
| 03-01-2796 | FILTER PORTAT FILLER (FUEL TANK)         | 20  |  |
| 03-01-2797 | OIL FILTER SCREEN (OIL TANK)             | 20  |  |
| 03-01-2798 | RETUREN OIL SCREEN(OIL TANK)             | 50  |  |
| 03-01-2799 | SUCTION SCREEN (OIL TANK)                | 50  |  |
| 03-01-2800 | OIL FILTER ( ENGINE)                     | 120 |  |

|            |                      |     |  |
|------------|----------------------|-----|--|
| 03-01-2801 | FUEL FILTER (ENGINE) | 120 |  |
|------------|----------------------|-----|--|

- 15. COMPLETE ASPHALT PLANT . QTY : 4
- 16. DIFFERENT TYPE OF ROLLERS FOR ASHALT WORK , , STEEL , WHEEL , CMBINED
- 17. CRUSHERS WITH SPAIR PARTS . QTY: 4