

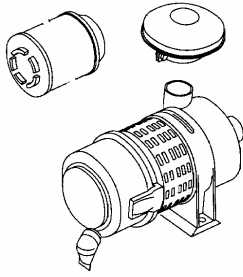


# ENGINE COMPLETION CATALOG

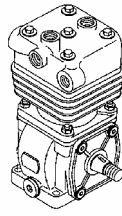


**The engine company.**

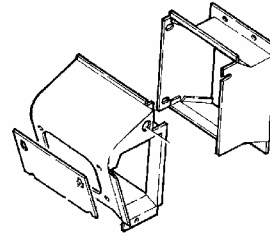
## Engine Completion Kit Index



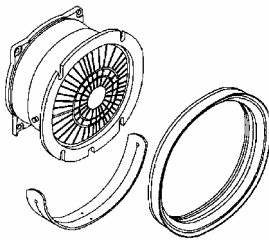
Air Cleaners / Attachments  
Page 1-4



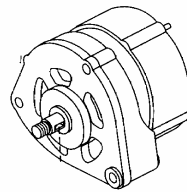
Air Compressors  
Page 5-7



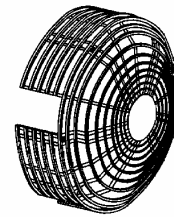
Air Discharge Ducting  
Page 8



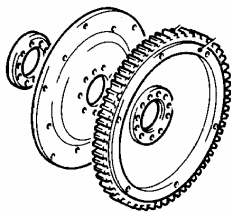
Air Intake Guide Ring  
Page 9



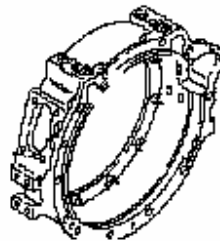
Alternators  
Page 10-12



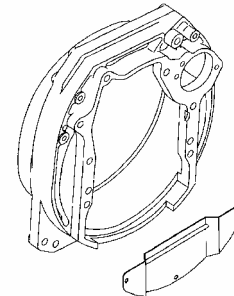
Blower Guards  
Page 12



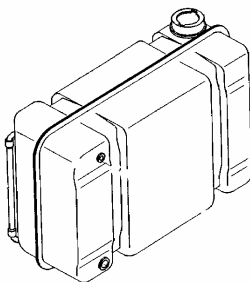
Flywheels  
Page 12-14



Housings  
Page 15-16



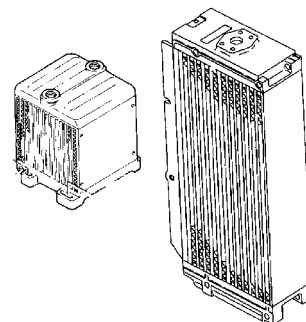
Housing Dust Cover  
Page 16



Fuel Tanks  
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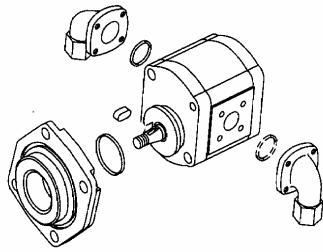


Fuel Filters / Fittings  
Page 17

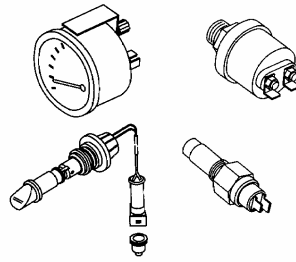


Hydraulic Oil Coolers  
Page 18-19

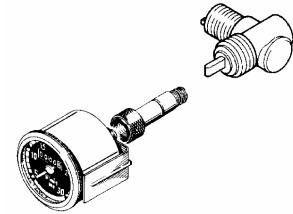
## Engine Completion Kit Index



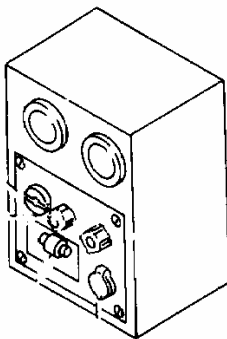
Hydraulic Oil Pumps  
Page 19-22



Switches, Sensors, Gauges  
Page 23-25



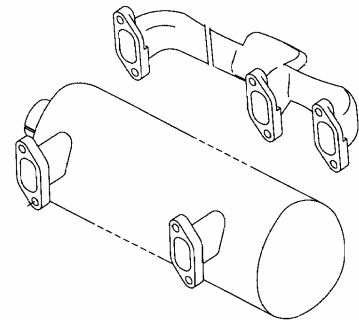
Tach/ Hourmeter/Angle Drive  
Page 25



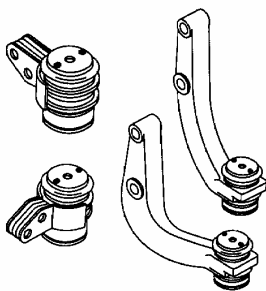
Panels / Safety Shutdown  
Page 25-26



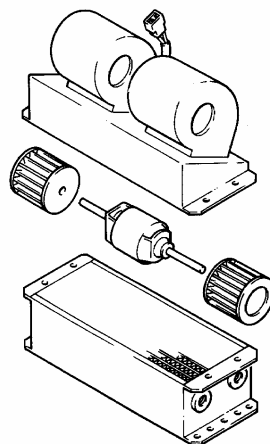
Lifting Eyes  
Page 27



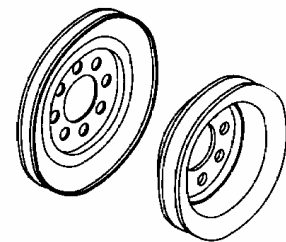
Manifolds / Mufflers  
Page 27-31



Engine Mounts  
Page 32

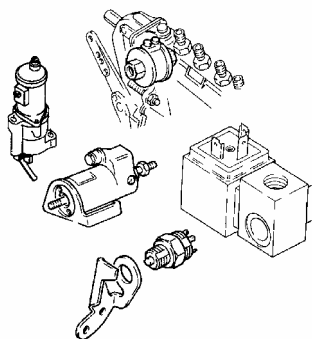


Oil-To-Air Cab Heaters  
Page 33

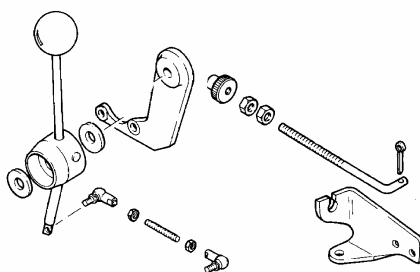


Pulleys / Drives  
Page 33

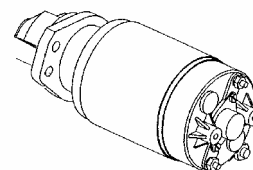
## Engine Completion Kit Index



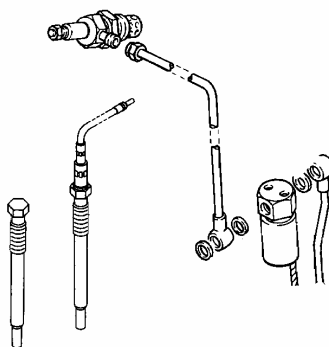
Shutdown Systems  
Page 34-35



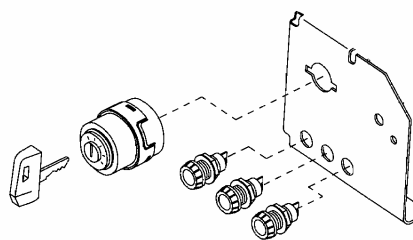
Speed Control  
Page 36



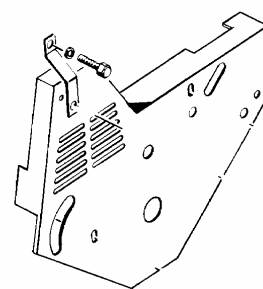
Starters  
Page 37



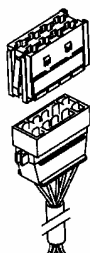
Starting Aids  
Page 37-39



Starting Accessories  
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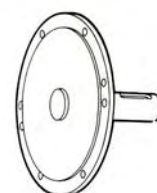
V-Belt Guards  
Page 40



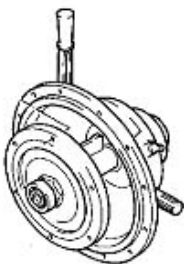
Wiring Counter plugs  
Page 41



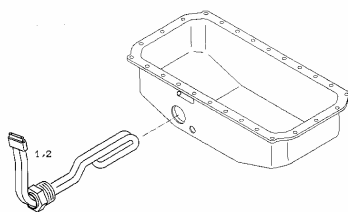
Remote Oil Filter  
Page 33



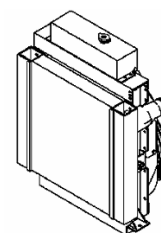
Stubshafts  
Page 40



Clutch PTO  
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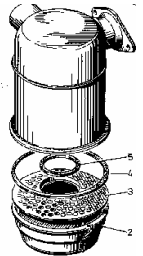
Engine Heaters / Oil Pans  
Page 41



Radiators  
Page 42-44

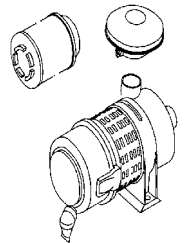
**SECT. 1.1 AIR CLEANER, OIL BATH, ENGINE MOUNTED**

| ENGINE MODEL                 | KIT # / CODE    | ETL PAGE                                     | REMARKS                                                                                                                                  |
|------------------------------|-----------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| F3-6L 913                    | 027-0463<br>SPL | 05003499<br>05050413                         | 4.8 CU. METER/MINUTE, PRECLEANER NOT INCLUDED, TOP AIR INLET, FOR ENGINES WITH INTAKE OPENING AT BLOWER END                              |
| F3-6L 913                    | 027-0465<br>SPL | 05003499<br>05003403                         | 4.8 CU. METER/MINUTE, PRECLEANER NOT INCLUDED, SIDE AIR INLET, FOR ENGINES WITH INTAKE OPENING AT BLOWER END                             |
| F3-6L914 / D914 L3,4,5,6     | 027-7375<br>SPL | 05003503<br>05079466                         | 4.8 CU. METER/MINUTE, PRECLEANER NOT INCLUDED. CANNOT USE WITH MOUNTED AIR COMP.                                                         |
| F3-6L914 / D914 L3, L4       | 027-7374<br>SPL | 05075055<br>05069131                         | FOR ENGINES WITH AIR COMPRESSOR 05075051, 05079585                                                                                       |
| F6L 913                      | 027-0556<br>SPL | 05003504<br>05023330                         | 5.6 CU. METER/MINUTE, PRECLEANER NOT INCLUDED, SIDE AIR INLET, FOR ENGINES WITH INTAKE OPENING AT BLOWER END                             |
| F5-6L914 / BF4L914 / D914 L6 | 027-0495<br>SPL | 05003504<br>05003520                         | 5.6 C.U. LOOSE SIDE MOUNT 05003521                                                                                                       |
| F5-6L914 / D914 L5, L6       | 027-7451<br>SPL | 05003504<br>05079606                         | 5.6 CU. METER/MINUTE, PRECLEANER NOT INCLUDED. CANNOT USE WITH MOUNTED AIR COMP.                                                         |
| BF6L 913/C                   | 027-2466<br>SPL | 05003954<br>05018901<br>05023350             | 9.6 CU. METER/MINUTE (CANNOT USE WITH SA 27-2595 GUARD); INCLUDES PRECLEANER 05006618, 05003965, 05006620                                |
| BF6L914C / TCD914 L6         | 027-7362<br>SPL | 05003954<br>05018901<br>05006618<br>05003965 | FOR ENGINES EQUIPPED WITH FRONT TURBO 9.6 CU. METER/MINUTE (CANNOT USE WITH ALUMINUM V-BELT GUARD); INCLS. PRECLEANER 05006620, 05079573 |
| F5-6L914 / BF4L914           | 027-0495<br>SPL | 05003504<br>05003520                         | LOOSE, SIDE MOUNT 05003521                                                                                                               |
| F6L 913                      | 027-2451<br>SPL | 05003956<br>05050265                         | LOOSE, LATERAL AIR INLET                                                                                                                 |
| BF6L 913 SP/CSP              | 027-2465<br>SPL | 05004825<br>05023349<br>05050265             | COMBINATION-TYPE AIR CLEANER, PAPER ELEMENT,PRE-CLEANER, SUPPLIED LOOSE 05003743, 05050617                                               |



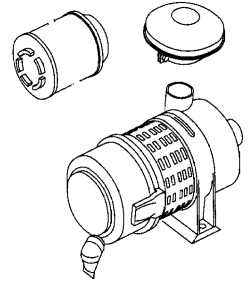
**SECT. 1.2 AIR CLEANER, DRY TYPE, ENGINE MOUNTED**

| ENGINE MODEL            | KIT # / CODE    | ETL PAGE                         | REMARKS                                                                    |
|-------------------------|-----------------|----------------------------------|----------------------------------------------------------------------------|
| F6L 913                 | 027-6487<br>SPL | 05075053<br>05075050             | 6.0 CU. METER/MINUTE, W/OUT SERVICE                                        |
| F5-6L914                | 027-7367<br>SPL | 05075053<br>05079579             | INDICATOR, W/ RAIN CAP, FOR ENG. EQUIPPED                                  |
| F3-4L914                | 027-7368<br>SPL | 05075055<br>05069131<br>05079579 | WITH INTAKE OPENING AT BLOWER END AND WITHOUT FRONT MOUNTED AIR COMPRESSOR |
| F3L-4L914 / D914 L3, L4 | 027-7476<br>SPL | 05075052<br>05069129<br>05079587 | 4.5 CU. METER/MINUTE, W/OUT FRONT MTD. AIR COMPRESSOR                      |



**SECT. 1.2 (CONTINUED) AIR CLEANER, DRY TYPE, ENGINE MOUNTED**

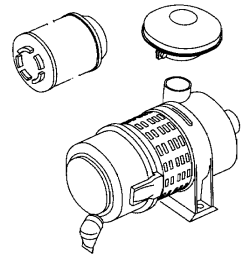
| ENGINE MODEL                                   | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                                                                                     |
|------------------------------------------------|------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F3-4L 913                                      | 027-6481         | 05075052<br>05075049<br>05069129 | 4.5 CU. METER/MINUTE, W/ RAIN CAP, W/OUT SERVICE INDICATOR, FOR ENGINES EQUIPPED WITH INTAKE OPENING AT BLOWER END AND WITHOUT FRONT MOUNTED AIR COMPRESSOR |
| F5/6L914- BF4/6L914<br>F4-F6L913 / D914 L4,5,6 | 027-6484         | 05074534<br>05069131<br>05075051 | COMBINATION, AIR FILTER 6.0 CCM W/O FASTENING PARTS, W/ SAFETY CARTRIDGE 05075095                                                                           |
| F6L 913                                        | 027-0498<br>SPL  | 05005856<br>05023301<br>05005853 | 6.2 C.U. PER MINUTE COMBINATION TYPE AIR CLEANER, PAPER ELEMENT, PRE-CLEANER SUPPLIED LOOSE                                                                 |
| F6L913                                         | 027-1565<br>SPL  | 05023305<br>05003959<br>05050265 | COMBINATION TYPE AIR CLEANER, PAPER ELEMENT, PRE-CLEANER SUPPLIED LOOSE 05003743                                                                            |
| ALL 2011                                       | 999-0216<br>SPL  | 05067563                         | AIR INTAKE SOUND RESONATOR , FOR USE WITH AIR CLEANER 2200-0489, PN 417-6677                                                                                |
| F2-4L/M2011<br>D/TD2011 L / L I / W            | 2200-0489        | 05051642<br>05063015             | 4.5 CU. METER/MINUTE, CANNOT USE WITH FRONT MOUNTED FAN OR AIR COMPRESSOR WITHOUT SAFETY ELEMENT OR SERVICE INDICATOR                                       |
| D2009L4                                        | 3101-0399<br>SPL | 05112042                         | 5.25" MOUNTED ACROSS SAE 5 FLYWHEEL HOUSING FOR USE BELOW 1800 RPM (W/OUT SERVICE INDICATOR)                                                                |
| D2009L3                                        | 3101-0400<br>SPL | 05112042                         | 5.25" MOUNTED ACROSS SAE 5 FLYWHEEL HOUSING FOR USE BELOW 1800 RPM (W/OUT SERVICE INDICATOR)                                                                |
| D2008L4                                        | 3101-0101<br>SPL |                                  | 5.25" MOUNTED ACROSS SAE 5 FLYWHEEL HOUSING FOR USE BELOW 1800 RPM (W/OUT SERVICE INDICATOR)                                                                |
| D2008L3                                        | 3101-0402<br>SPL | 05112151                         | 5.25" MOUNTED ACROSS SAE 5 FLYWHEEL HOUSING FOR USE BELOW 3000 RPM (W/OUT SERVICE INDICATOR)                                                                |
| D2008L4                                        | 3101-0410<br>SPL | 05112208                         | (6.5" METAL) MOUNT ACROSS SAE 5 FLYWHEEL HOUSING ABOVE 1800 RPM (W/OUT SERVICE INDICATOR)                                                                   |
| D2009L4                                        | 3101-0411<br>SPL | 05112153                         | (6.5" METAL) MOUNT ACROSS SAE 4 FLYWHEEL HOUSING FOR 1800 TO 2800 RPM (W/OUT SERVICE INDICATOR)                                                             |
| D2009L3                                        | 3101-0412<br>SPL | 05112153                         | (6.5" METAL) MOUNT ACROSS SAE 4 FLYWHEEL HOUSING FOR 1800 TO 2800 RPM (W/OUT SERVICE INDICATOR)                                                             |
| D2008L4                                        | 3101-0413<br>SPL |                                  | (6.5" METAL) MOUNT ACROSS SAE 4 FLYWHEEL HOUSING ABOVE 1800 RPM (W/OUT SERVICE INDICATOR)                                                                   |
| D2009L4                                        | 3101-0414<br>SPL | 05112071                         | 7" MOUNT ACROSS SAE 5 FLYWHEEL HOUSING ABOVE 1800 RPM (W/OUT SERVICE INDICATOR)                                                                             |
| TD2009L4                                       | 3101-0416<br>SPL | 05112082                         | 7" MOUNT ACROSS SAE 5 FLYWHEEL HOUSING BELOW 3000 RPM (W/OUT SERVICE INDICATOR)                                                                             |
| D2009L4                                        | 3101-0417<br>SPL | 05112152                         | 7" MOUNT ACROSS SAE 4 FLYWHEEL HOUSING ABOVE 1800 RPM (W/OUT SERVICE INDICATOR)                                                                             |



**SECT. 2.1**

**AIR CLEANER, DRY TYPE, REMOTE MOUNTED**

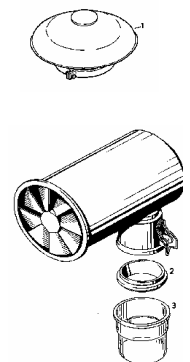
| ENGINE MODEL                                       | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                         |
|----------------------------------------------------|------------------|----------------------------------|-------------------------------------------------------------------------------------------------|
| B/F4-6L913/C / D914 L4,5,6<br>F5/6L914 - BF4/6L914 | 027-6484         | 05074534<br>05069131<br>05075051 | 6.0 CU. METER/MINUTE, WITH RAIN CAP<br>W/OUT SERVICE INDICATOR<br>05075095                      |
| BF4L913 - BF6L913/C<br>BF4/6L914/C                 | 027-6491<br>SPL  | 05003521<br>05075051             | 8.0 CU. METER/MINUTE, WITH SAFETY CARTRIDGE<br>05075057, 05003520, 05075149                     |
| BF6L914/C / TCD914 L6                              | 027-6495<br>SPL  | 05075051<br>05050265             | 12.0 CU. METER/MINUTE<br>05075119, 05075186                                                     |
| F3-4L 913/914                                      | 027-6490<br>SPL  | 05074111<br>05069131<br>05075051 | 6.0 CU. METER/MINUTE, WITHOUT SERVICE<br>INDICATOR, W/ SAFETY ELEMENT AND RAIN CAP.<br>05075095 |
| ALL 1013/E / 2012/2013                             | 029-0843<br>SPL  | 05074526                         | 12.0 CU. METER/MINUTE, WITHOUT SERVICE<br>INDICATOR, WITH SAFETY ELEMENT                        |
| ALL 1013/E / 2012                                  | 029-1460<br>SPL  | 05074525                         | 8.0 CU. METER/MINUTE, WITHOUT SERVICE<br>INDICATOR, WITH SAFETY ELEMENT                         |
| ALL 1013/E / 2012                                  | 029-1629<br>SPL  | 05023349<br>05004827             | 15.0 CU. METER/MINUTE, WITHOUT SERVICE<br>INDICATOR, WITH SAFETY ELEMENT                        |
| FL 2011 / D2011 L2 / L3 / I                        | 2200-0302        | 05022914                         | 4.2 CU. METER/MINUTE, W/O SERVICE (PICLON)<br>INDICATOR, W/ SAFETY ELEMENT.                     |
| FL 2011 / D2011 L2 / L3 / I                        | 2200-0303<br>SPL | 05022915                         | 6.2 CU. METER/MINUTE, W/O SERVICE (PICLON)<br>INDICATOR W/ SAFETY ELEMENT.                      |
| B/F4L/M2011                                        | 2200-0880<br>SPL | 05023303                         | 6.2 CU. METER/MINUTE, WITH SAFETY (PICLON)<br>SAFETY ELEMENT, W/O SERVICE INDICATOR             |
| FL 2011 / D2011 L2 / L3 / I                        | 2200-2179<br>SPL | 05069128<br>05069134             | 3 M <sup>3</sup> /MIN, W/ SAFETY ELEMENT, W/O INDICATOR                                         |
| FL 2011 / D2011 L2 / L3 / I                        | 2200-2180<br>SPL | 05074110<br>05069133             | 4.5 M <sup>3</sup> /MIN, W/ SAFETY ELEMENT, W/O INDICATOR<br>(EUROPICLON)                       |
| BF3/4L2011<br>D/ TD2011 L4 I / W                   | 2200-2183<br>SPL | 05069132<br>05074534             | 6.0 M <sup>3</sup> /MIN, W/ SAFETY ELEMENT, W/O INDICATOR<br>(EUROPICLON)                       |
| FL 2011 / D2011 L3 / I                             | 2200-2181<br>SPL | 05074111<br>05069132             | 6.0 M <sup>3</sup> /MIN, W/ SAFETY ELEMENT, W/O INDICATOR<br>(EUROPICLON)                       |
| BF4L2011<br>D/TD2011 L4 I / W                      | 2200-2182<br>SPL | 05069133<br>05074112             | 4.5 M <sup>3</sup> /MIN, W/ SAFETY ELEMENT, W/O INDICATOR<br>(EUROPICLON)                       |



**SECT. 2.2**

**PRECLEANERS, RAIN CAPS**

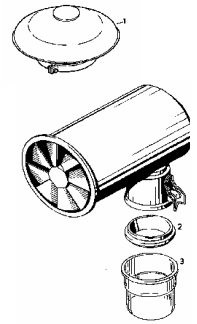
| ENGINE MODEL                                            | KIT # / CODE                       | ETL PAGE                             | REMARKS                                                                        |
|---------------------------------------------------------|------------------------------------|--------------------------------------|--------------------------------------------------------------------------------|
| B/F3-6L 913/C / D914 L6<br>F6L914 / BF4L914<br>F3-6L913 | 027-0588<br>SPL<br>027-0600<br>SPL | 05069540<br><br>05069540<br>05005858 | RAIN CAP FOR 5.6 OR 4.8 CU. METER/MINUTE<br>AIR CLEANER<br>RAIN CAP WITH ELBOW |
| B/F3-6L 913/C / D914 L3,4,5,6                           | 027-0589<br>SPL                    | 05069131                             | RAIN CAP FOR 4.8 CU. METER/MINUTE FILTER                                       |
| F3-6L 913/914 / D914 L3,4                               | 027-0596<br>SPL                    | 05051044                             | PRECLEANER FOR 4.8 CU. METER/MIN. FILTER                                       |
| F6L914 / D914 L5, L6                                    | 027-0597<br>SPL                    | 05002692<br>05003526                 | PRECLEANER FOR 5.6 CU. METER/MIN. FILTER                                       |



**SECT. 3.1**

**PRECLEANERS, RAIN CAPS**

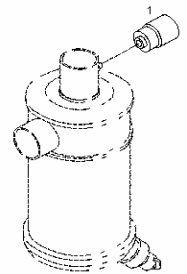
| ENGINE MODEL             | KIT # / CODE     | ETL PAGE | REMARKS                             |
|--------------------------|------------------|----------|-------------------------------------|
| ALL 1013/E / 2012 / 2013 | 029-2221<br>SPL  | 05072246 | RAIN CAP FOR 12ccm DRY AIR CLEANERS |
| ALL 1013/E / 2012 / 2013 | 029-2222<br>SPL  | 05023333 | RAIN CAP FOR 15ccm DRY AIR CLEANERS |
| ALL 2011                 | 2200-0441<br>SPL | 05069129 | RAIN CAP FOR OIL BATH AIR CLEANER   |
| ALL 2011                 | 2200-0443<br>SPL | 05051799 | PRECLEANER FOR OIL BATH AIR CLEANER |
| ALL 2011                 | 2200-0798        | 05069131 | RAIN CAP FOR DRY AIR CLEANER        |



**SECT. 3.2**

**SERVICE INDICATORS, FOR DRY AIR CLEANERS**

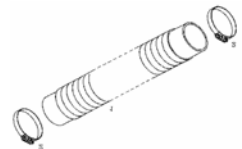
| ENGINE MODEL                 | KIT # / CODE     | ETL PAGE             | REMARKS             |
|------------------------------|------------------|----------------------|---------------------|
| F3-4L 913/914 / ALL D/TCD914 | 027-0626<br>SPL  | 05075409             | MECHANICAL, 50 MBAR |
| ALL 1013/E / 2012 / 2013     | 029-0652<br>SPL  | 05076508<br>05069132 | MECHANICAL, 50 MBAR |
| ALL 2011                     | 2200-0429        | 05075409             | MECHANICAL, 50 MBAR |
| ALL 2011                     | 2200-0568<br>SPL | 05079307             | MECHANICAL 35 BAR   |
| ALL 2008 / 2009              | 3101-0578<br>SPL | 05112210             | ELECTRONIC 25 M BAR |



**SECT. 3.3**

**HOSE CONNECTIONS, REMOTE MOUNT AIR CLEANERS**

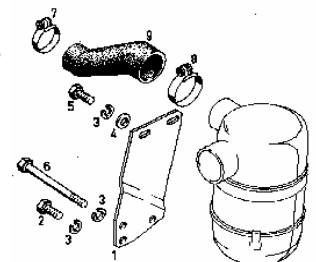
| ENGINE MODEL | KIT # / CODE | ETL PAGE | REMARKS                 |
|--------------|--------------|----------|-------------------------|
| B/F6L 913/C  | 027-0710     | 05003536 | 250 MM LONG, 80 MM I.D. |



**SECT. 3.4**

**MOUNTING KITS, FOR OIL BATH AIR CLEANERS**

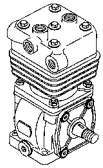
| ENGINE MODEL | KIT # / CODE    | ETL PAGE | REMARKS            |
|--------------|-----------------|----------|--------------------|
| BF4L 913     | 999-0124        |          | FOR FRONT MOUNTING |
| F5/6L 913    | 999-0381<br>SPL |          | MOUNTING KIT       |



**SECT. 4.1**

**AIR COMPRESSOR, 110 CCM / REV**

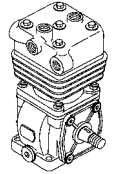
| ENGINE MODEL | KIT # / CODE | ETL PAGE                         | REMARKS                                                                       |
|--------------|--------------|----------------------------------|-------------------------------------------------------------------------------|
| ALL 1013/E   | 029-1892     | 05071844<br>05111297<br>05111099 | GEAR DRIVEN @ PTO LOCATION "A" AIR COOLED<br>MUST ORDER RELATIVE SUCTION PIPE |



**SECT. 4.2**

**AIR COMPRESSOR, 150 CCM / REV**

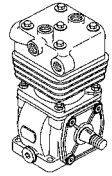
| ENGINE MODEL                                                                    | KIT # / CODE    | ETL PAGE                         | REMARKS                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------|-----------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F3-6L 913                                                                       | 027-1474<br>SPL | 05003877<br>05032754<br>05005831 | KNORR, FOR ENGINES WITH SINGLE BELT BLOWER DRIVE & W/OUT MOUNTED AIR CLEANER<br>05005834, 05004701, 05005857, 05006890,<br>05032744, 05042709                                                                                                                                                                                                |
| BF6L 913/C                                                                      | 027-2386        | 05006577<br>05003877             | KNORR<br>05005834, 05005831, 05006582, 05042027, 05029184<br>05032744                                                                                                                                                                                                                                                                        |
| BF4L 913                                                                        | 027-3725<br>SPL | 05003877<br>05005834             | KNORR<br>05029159, 05032741, 05003635, 05016307, 05063815                                                                                                                                                                                                                                                                                    |
| <b>CONTACT DEUTZ (FOR TIER I &amp; TIER II) 914 AIR COMPRESSOR APPLICATIONS</b> |                 |                                  |                                                                                                                                                                                                                                                                                                                                              |
| D914 L3 (TIER III)                                                              | 027-8641<br>SPL | 05003877<br>05005834             | FOR ENGINES WITHOUT V-BELT GUARD<br>05006890, 05032744, 05042709, 05005846, 05113380                                                                                                                                                                                                                                                         |
| D914 L4 (TIER III)                                                              | 027-8642<br>SPL | 05003877<br>05005831             | FOR ENGINES WITHOUT V-BELT GUARD<br>05005834, 05004701, 05005857, 05006890, 05032744, 05042709, 05113380                                                                                                                                                                                                                                     |
| D914 L5 (TIER III)                                                              | 027-7516<br>SPL | 05003877                         | FOR ENGINES WITHOUT V-BELT GUARD<br>05005834, 05042027, 05032744, 05003635, 05016307, 05005846                                                                                                                                                                                                                                               |
| D914 L6 (TIER III)                                                              | 027-7223<br>SPL | 05003877<br>05005834             | FOR ENGINES WITHOUT V-BELT GUARD<br>05005831, 05042027, 05032744, 05004701, 05005857, 05003635, 05016307                                                                                                                                                                                                                                     |
| TCD914 L6 (TIER III)                                                            | 027-2386        | 05006577<br>05003877             | FOR ENGINES WITHOUT V-BELT GUARD<br>05005834, 05005831, 05006582, 05042027, 05032744                                                                                                                                                                                                                                                         |
| F2-4 L/M 2011 / BF4L/M2011                                                      | 999-0606        |                                  | FOR ENGINES W/OUT FRONT MOUNTED AIR CLEANER<br>1. KIT INCLUDES COMPR. MTG. PLATE, LUBE OIL LINE & PULLEYS (AIR COMPRESSOR PULLEY & PTO PULLEY)<br>2. MUST ORDER TIMING BELT COVER KIT (22003439)<br>3. FOR ENGINES W/OUT AUXILLARY DRIVE, YOU MUST ORDER AUX. DRIVE BRACKET KIT (22003053)<br>4. SEE SECT. 6.1 FOR REQUIRED SUCTION PIPE KIT |
| BF4M1013 /C/E                                                                   | 029-0951<br>SPL | 05070199<br>05071419             | GEAR DRIVE, PTO A, WATER COOLED<br>05111290, 05111099                                                                                                                                                                                                                                                                                        |
| BF4M 2012/C                                                                     | 029-5086<br>SPL | 05070199<br>05070200             | PTO "A" WATER COOLED<br>05072971, 05111287, 05077957                                                                                                                                                                                                                                                                                         |
| BF6M 2012/C                                                                     | 029-5088<br>SPL | 05070199<br>05070200             | PTO "A" WATER COOLED<br>05072971, 05111287, 05077782                                                                                                                                                                                                                                                                                         |



**SECT. 4.2.1**

**AIR COMPRESSOR, 225 CCM**

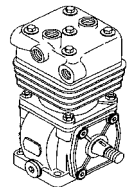
| ENGINE MODEL   | KIT # / CODE    | ETL PAGE             | REMARKS                                                       |
|----------------|-----------------|----------------------|---------------------------------------------------------------|
| TCD 2012 L4 2V | 028-2802<br>SPL | 05111654<br>05072971 | REQUIRES 028-2523 FITTING KIT<br>05113585, 05111045, 05114099 |
| TCD 2012 L6 2V | 028-1837<br>SPL | 05072971<br>05111654 | REQUIRES 028-2523 FITTING KIT<br>05114688, 05111045, 05111659 |
| TCD 2013 L6 2V | 028-1859<br>SPL | 05111654<br>05111507 | REQUIRES 028-2523 FITTING KIT<br>05114688, 05111191, 05113751 |
| TCD 2013 L6 4V | 034-2086<br>SPL | 05115184             | ,05113715,05110147,05110216,05110239                          |



**SECT. 4.3**

**AIR COMPRESSOR, 300 CCM / REV**

|                |                  |                                              |                                                                                                                                                                |
|----------------|------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F4-6L 913      | 027-0538         | 05003877<br>05032754<br>05005831             | KNORR, FOR ENGINES WITH SINGLE BELT BLOWER DRIVE, INCLUDES SUCTION PIPE TO AIR CLEANER<br>05004701, 05005857, 05005838, 05005839, 05005840, 05029185, 05037687 |
| BF6L 913/C     | 027-2394         | 05003877<br>05005831<br>05042027             | KNORR<br>NOT AVAILABLE FOR 913C WITH FRONT OR CENTER MOUNT TURBO.<br>05006581, 05005840, 05029185, 05037687, 05042125                                          |
| BF4M1013E      | 029-0955<br>SPL  | 05070199<br>05072477<br>05113940             | GEAR DRIVE, PTO "A" WATER COOLED<br>ALSO REQUIRES 29-2964 BANJO BOLT KIT<br>05111099                                                                           |
| BF6M1013E      | 029-0959<br>SPL  | 05070199<br>05072070<br>05071414             | GEAR DRIVE, PTO "A" WATER COOLED<br>ALSO REQUIRES 29-2964 BANJO BOLT KIT<br>05113940, 05111099                                                                 |
| BF4M1013/C     | 29-0953          | 05070199<br>05072163<br>05113940             | GEAR DRIVE, PTO "A" WATER COOLED<br>ALSO REQUIRES 29-2964 BANJO BOLT KIT<br>05111099                                                                           |
| BF6M1013/C     | 29-0957          | 05070199<br>05072071<br>05071414<br>05113940 | GEAR DRIVE, PTO "A" WATER COOLED<br>(INCLUDES COOLING WATER LINES)<br>ALSO REQUIRES 29-2964 BANJO BOLT KIT<br>05111099                                         |
| BF6M1015 /C    | 2201-0578<br>SPL | 05068405<br>05068406                         | GEAR DRIVE, PTO "A" WATER COOLED<br>05067885, 05068407, 05068408, 05068409, 05078567<br>05067911                                                               |
| BF6M1015 /C    | 2201-0588<br>SPL | 05068405<br>05067897                         | GEAR DRIVE, PTO "B" WATER COOLED<br>05067885, 05069358, 05067975, 05067887, 05078567<br>05067911                                                               |
| BF8M1015 /C    | 2201-0580<br>SPL | 05068405<br>05067885                         | GEAR DRIVE, PTO "A" WATER COOLED<br>05068413, 05069284, 05068415, 05068416, 05067911<br>05078563                                                               |
| BF8M1015 /C    | 2201-0590<br>SPL | 05068405<br>05067885                         | GEAR DRIVE, PTO "B" WATER COOLED<br>05069285, 05077482, 05068420, 05067911, 05078563<br>05068413                                                               |
| BF6M 2012C     | 029-5082<br>SPL  | 05070199<br>05070200                         | PTO "A" WATER COOLED<br>05072971, 05077758, 05113936                                                                                                           |
| BF4M 2012/C    | 029-5090<br>SPL  | 05070199<br>05070200                         | PTO "A" WATER COOLED<br>05072971, 05113936, 05077976                                                                                                           |
| TCD 2015 V6/4V | 2203-0287<br>SPL | 05068405<br>05067885<br>05068408             | PTO "A" W/OUT STEERING PUMP<br>(REQUIRES "A" DRIVE GEAR SEE SEC #20.2<br>05079793, 05076797, 05075567, 05075563, 05078567                                      |



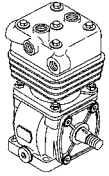
**CONTINUED ON NEXT PAGE**

CHECK WITH DC-NORCROSS FOR LEAD TIME ON ITEMS WITH 'SPL' STOCK CODE

REV. 01/2009

**SECT. 4.3 AIR COMPRESSOR, 300 CCM / REV**

| ENGINE MODEL   | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                                                   |
|----------------|------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| TCD 2015 V6/4V | 22030294<br>SPL  | 05068405<br>05067885<br>05067975 | PTO "B" W/OUT STEERING PUMP<br>(REQUIRES "B" DRIVE GEAR SEE SEC #20.2<br>05079793, 05076798, 05075566, 05075564           |
| TCD 2015 V8/4V | 2203-0235<br>SPL | 05068405<br>05067885<br>05068408 | PTO "A" W/OUT STEERING PUMP<br>(REQUIRES "A" DRIVE GEAR SEE SEC #20.2<br>05079793, 05076798, 05075568, 05075563, 05078567 |
| TCD 2015 V8/4V | 22030295<br>SPL  | 05068405<br>05067885<br>05067975 | PTO "B" W/OUT STEERING PUMP<br>(REQUIRES "B" DRIVE GEAR SEE SEC #20.2<br>05079793, 05076798, 05075566, 05075564           |

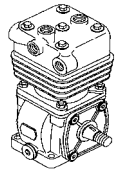


**SECT. 4.4 AIR COMPRESSOR, 360 CCM / REV**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE             | REMARKS                                                                |
|--------------|-----------------|----------------------|------------------------------------------------------------------------|
| TCD 2012 L6  | 028-1836<br>SPL | 05111654<br>05072971 | REQUIRES 28-2523 FITTING KIT<br>05113587, 05111503, 05111660, 05111657 |
| TCD 2013 L6  | 028-1860<br>SPL | 05111654<br>05111507 | REQUIRES 28-1914 FITTING KIT<br>05110765, 05113717, 05113721, 05111658 |

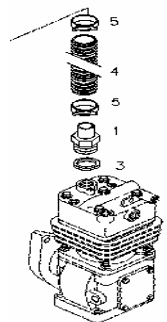
**SECT. 5.2 AIR COMPRESSOR, 600 CCM / REV**

| ENGINE MODEL     | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                                     |
|------------------|------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| BF6M1013E/EC/ECP | 029-3553<br>SPL  | 05071882<br>05071883<br>05071413 | GEAR DRIVE, PTO "A" WATER COOLED<br>ALSO REQUIRES BANJO BOLT KIT (#29-2964)<br>05071875, 05072971, 05111291 |
| BF6M1013/C/CP    | 029-3552<br>SPL  | 05071882<br>05071883<br>05071874 | GEAR DRIVE, PTO "A" WATER COOLED<br>ALSO REQUIRES BANJO BOLT KIT (#29-2964)<br>05071875, 05072971, 05111291 |
| BF8M1015/C       | 2201-1339<br>SPL | 05068413<br>05067911             | GEAR DRIVE, PTO "A" WATER COOLED<br>05076872, 05069234, 05069425, 05069426, 05069427                        |
| TCD 2015         | 2203-0234        | 05076872                         | 05069234, 05079793, 05075562, 05075565, 05075694, 05075695                                                  |



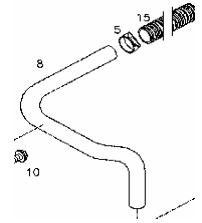
**SECT. 5.4 FITTINGS, FOR AIR COMPRESSORS AND REGULATORS**

| ENGINE MODEL      | KIT # / CODE    | ETL PAGE             | REMARKS                                                                                                         |
|-------------------|-----------------|----------------------|-----------------------------------------------------------------------------------------------------------------|
| ALL               | 027-0568        | 05002236<br>05003559 | PRESSURE REGULATOR                                                                                              |
| 1013 / 2012       | 999-0391        |                      | INLET / OULET FITTING KIT FOR AIR COMPRESSOR<br>(FOR 300-600 CCM)                                               |
| BF4/6M2012/C      | 029-5147<br>SPL | 05078684             | FOR WATER COOLED COMPRESSORS                                                                                    |
| MISC. SEE REMARKS | 999-0181        | 05078248             | SAE 37 DEGREE FLARE SCREW FITTINGS.<br><b>FOR USE WITH AIR REGULATORS</b> SUPPLIED<br>WITHOUT METRIC FITTINGS.  |
| MISC. SEE REMARKS | 999-0182        |                      | SAE 37 DEDREE FLARE SCREW FITTINGS,<br><b>FOR USE WITH AIR COMPRESSORS</b> SUPPLIED<br>WITHOUT METRIC FITTINGS. |
| TCD2012 L4 / L6   | 028-2523<br>SPL | 05078684             | FITTING KIT FOR 225/360 CCM AIR COMP                                                                            |
| TCD 2013 L6       | 028-1914<br>SPL | 05072099             | FITTING KIT FOR 360 CCM AIR COMP                                                                                |



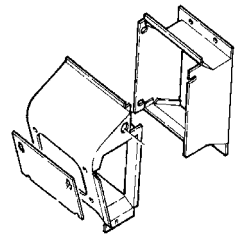
**SECT. 6.1 SUCTION PIPE KITS FOR AIR COMPRESSORS**

| ENGINE MODEL           | KIT # / CODE    | ETL PAGE | REMARKS                                                              |
|------------------------|-----------------|----------|----------------------------------------------------------------------|
| BF4M 1013/C/E          | 029-3380<br>SPL | 05072387 | FOR USE WITH 300ccm GEAR DRIVEN AIR COMP<br>(ENGINE WITH REAR TURBO) |
| F2-4L/M2011            | 999-0634<br>SPL |          | FOR USE WITH 9990606 (150CCM AIR COMPRESSOR)                         |
| BF4L/M2011             | 999-0608<br>SPL |          | FOR USE WITH 9990606 (150CCM AIR COMPRESSOR)                         |
| BF6M1013/C/CP/E/EC/ECP | 029-0961<br>SPL | 05072387 | FOR USE WITH 300ccm GEAR DRIVEN AIR COMP<br>(ENGINE WITH REAR TURBO) |



**SECT. 7.1 COOLING AIR DISCHARGE DUCTING**

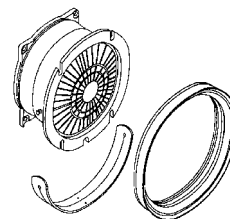
| ENGINE MODEL         | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                             |
|----------------------|------------------|----------------------------------|-------------------------------------------------------------------------------------|
| F4L913/914           | 027-3121<br>SPL  | 05027662<br>05004627             | DISCHARGE DUCTING UPWARDS.                                                          |
| D914 L4              | 027-8658         | 05003591<br>05078533             | DISCHARGE FROM HYD OIL COOLER & EXHAUST SIDE                                        |
| BF6L914C             | 027-7519<br>SPL  | 05031778<br>05079931             | DISCHARGE FROM HYD OIL COOLER & EXHAUST SIDE<br>05113325                            |
| BF4L914              | 027-3602<br>SPL  | 05042828<br>05042830             | DISCHARGE DUCT SIDEWAYS W/OUT CAC OR HOC<br>05042831                                |
| BF6L914C / TCD914 L6 | 027-7491<br>SPL  | 05079931<br>05113325             | DISCHARGE FROM EXHAUST SIDE                                                         |
| F2L2011 / D2011 L2 I | 2200-2051<br>SPL | 05069015                         | DISCHARGE TOP FROM LUBE OIL COOLER                                                  |
| F2L2011 / D2011 L2 I | 2200-2052<br>SPL | 05051712<br>05069015             | DISCHARGE FROM LUBE OIL COOLER AND<br>CYLINDER HEADS TO THE SIDE                    |
| F3L2011 / D2011 L3 I | 2200-2053        | 05068257                         | DISCHARGE TOP FROM LUBE OIL COOLER                                                  |
| F3L2011 / D2011 L3 I | 2200-2054<br>SPL | 05051714<br>05068257             | DISCHARGE FROM LUBE OIL COOLER AND<br>CYLINDER HEADS TO THE SIDE                    |
| F4L2011              | 2200-2055        | 05069012                         | DISCHARGE TOP FROM LUBE OIL COOLER ONLY                                             |
| F4L2011              | 2200-2056<br>SPL | 05051716<br>05069012<br>05114872 | DISCHARGE TOP FROM LUBE OIL COOLER TO SIDE<br>(WITH SIDE OUTLET EXH. MANIFOLD ONLY) |
| BF4L2011             | 2200-3251<br>SPL | 05069040<br>05074379<br>05114872 | DISCHARGE TOP FROM LUBE OIL COOLER TO SIDE<br>(WITH SIDE OUTLET EXH. MANIFOLD ONLY) |
| BF4L2011             | 2200-3250<br>SPL | 05074379                         | DISCHARGE TOP COVER ONLY                                                            |
| D2011 L4 I           | 2200-4943<br>SPL | 05114980                         | DISCHARGE TOP FROM LUBE OIL COOLER                                                  |
| TD2011 L4 I          | 2200-4530<br>SPL | 05119024<br>05119005             | DISCHARGE TOP FROM LUBE OIL COOLER TO SIDE<br>(WITH SIDE OUTLET EXH. MANIFOLD ONLY) |



**SECT.7.2**

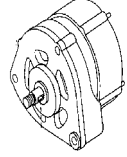
**AIR INTAKE GUIDE RING FOR COOLING BLOWER**

| ENGINE MODEL                                       | KIT # / CODE    | ETL PAGE             | REMARKS                                                      |
|----------------------------------------------------|-----------------|----------------------|--------------------------------------------------------------|
| BF4L 913 , F5-6L914<br>D914 L5,6                   | 027-0682        | 05030263             | AIR FEED RING                                                |
| BF6L 913/C/TCD914 L6                               | 027-2399        | 05037611             | AIR FEED RING                                                |
| F3-4L 913/914 / D914 L3,4                          | 027-2401        | 05027654             | AIR FEED RING                                                |
| BF4M1013                                           | 029-1384<br>SPL | 05072273             | FOR USE WITH 300 MM BLOWER ONLY                              |
| ALL 1013                                           | 029-1385<br>SPL | 05072152             | FOR USE WITH 370 MM BLOWER ONLY                              |
| BF4M1013                                           | 029-2251<br>SPL | 05071934<br>05072273 | FOR USE WITH 300 MM BLOWER ONLY<br>HAS SEALING LIP           |
| BF4-6M1013                                         | 029-2252<br>SPL | 05071935<br>05072152 | FOR USE WITH 370 MM BLOWER ONLY<br>HAS SEALING LIP           |
| ALL B/FL2011<br>D2011 L2 I / L3 I<br>D,TD2011 L4 I | 2200-1602       | 05067679<br>05067681 | GUIDE RING WITH GRILLE GUARD AND SEAL<br>(PLASTIC ONE PIECE) |



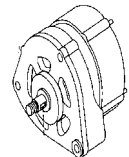
**SECT.8.1 ALTERNATOR, BOSCH 12 VOLT 55AMP**

| ENGINE MODEL                         | KIT # / CODE    | ETL PAGE             | REMARKS                                                          |
|--------------------------------------|-----------------|----------------------|------------------------------------------------------------------|
| F4-6L913 F5L914<br>BF4L914 / D914 L5 | 027-4923<br>SPL | 05016366<br>05023307 | FOR 1 OR 2 BELT BLOWER<br>05079557, 05079570, 05079578, 05113253 |
| F3/F4L914 / D914 L3,4                | 027-4419<br>SPL | 05032660<br>05063653 | FOR SINGLE BELT BLOWER<br>05079557, 05079569, 05113253           |
| F3/F4L914 / D914 L3,4                | 027-4936<br>SPL | 05032362<br>05034245 | FOR 2 BELT BLOWER<br>05079557, 05079558, 05079578, 05113253      |
| F4-6L913 F6L914 / D914 L6            | 027-4927<br>SPL | 05016366<br>05022857 | FOR 1 OR 2 BELT BLOWER<br>05079557, 05079569, 05113253           |
| BF6L 913/914/C / TCD914 L6           | 027-4926<br>SPL | 05016366<br>05023029 | FOR GENERATOR<br>05079557, 05079569, 05113253                    |
| F3-4L 913                            | 027-4944<br>SPL | 05034244<br>05032362 | FOR GENERATOR<br>05079557, 05079558, 05079578, 05113253          |
| BF4-6M1013C                          | 029-2107<br>SPL | 05070117<br>05079569 | FOR DRIVE B<br>05078504, 05079557                                |



**SECT.8.2 ALTERNATOR, BOSCH 12 VOLT 95AMP**

| ENGINE MODEL                   | KIT # / CODE    | ETL PAGE             | REMARKS                                                           |
|--------------------------------|-----------------|----------------------|-------------------------------------------------------------------|
| BF6L 913/C/914                 | 027-4949<br>SPL | 05016366<br>05079569 | KIT, 05005976, 05023029, 05064817, 05064986<br>05079608, 05079578 |
| F5L914/ BF4L913/914<br>D914 L5 | 027-4951<br>SPL | 05016366<br>05079608 | KIT, 05023307, 05064817, 05064986, 05079570<br>05079578           |
| F6L 913/914                    | 027-4960<br>SPL | 05016366<br>05079570 | KIT, 05022857, 05064817, 05064986, 05003639<br>05079608, 05079578 |
| F3-4L913 / D913 L4             | 027-5308<br>SPL | 05034244<br>05079608 | KIT, 05032362, 05064817, 05064986, 05079558<br>05079578           |
| BF4M2012/BF4M/6M2012C          | 029-4732<br>SPL | 05074923             | KIT, 05077778, 05113874                                           |
| TCD 2012 L4/L6                 | 028-1789<br>SPL | *                    | SAME AS 029-4732                                                  |
| TCD 2013 L4/L6                 | 028-1939<br>SPL | 05111388<br>05077778 | POLY V<br>05113874                                                |
| ALL 1013                       | 029-2617<br>SPL | 05071771             | 05076245, 05079608, 05079558, 05078506                            |



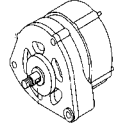
**SECT.8.2.1 ALTERNATOR, BOSCH 12 VOLT 150AMP**

| ENGINE MODEL            | KIT # / CODE    | ETL PAGE             | REMARKS                      |
|-------------------------|-----------------|----------------------|------------------------------|
| TCD914 L06              | 027-7125<br>SPL | 05075013             | 05075029, 05075363, 05111580 |
| BF4M2012 /BF4 / 6M2012C | 029-4733<br>SPL | 05074923             | KIT, 05111580, 05113874      |
| TCD2012 L4/L6           | 028-1790<br>SPL |                      | SAME AS 029-4733             |
| TCD2013 L4/L6 2V        | 028-1941<br>SPL | 05111388<br>05111580 | POLY V<br>05113874           |

**CONTINUED ON NEXT PAGE**

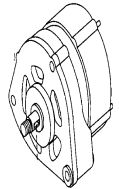
**SECT.8.3 ALTERNATOR, BOSCH 24 VOLT 35AMP**

| ENGINE MODEL               | KIT # / CODE    | ETL PAGE             | REMARKS                                     |
|----------------------------|-----------------|----------------------|---------------------------------------------|
| BF4L 913 / D914 L5         | 027-4541        | 05023307<br>05113253 | KIT, 05016366, 05079570, 05079578, 05079568 |
| F6L914 / D914 L6           | 027-4542<br>SPL | 05016366             | KIT, 05022857, 05079570, 05079568, 05113253 |
| BF6L 913/C / TCD914 L6     | 027-4543<br>SPL | 05016366             | KIT, 05023029, 05079569, 05079568, 05113253 |
| F3-4L 913 /914 / D914 L3,4 | 027-4546<br>SPL | 05034244<br>05113253 | KIT, 05032362, 05079558, 05079578, 05079568 |
| BF4-6M1013C                | 029-2111<br>SPL | 05070117<br>05079569 | FOR DRIVE B<br>05078504, 05079568           |



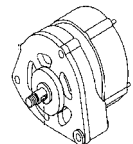
**SECT.9.1 ALTERNATOR, BOSCH 24 VOLT 55AMP**

| ENGINE MODEL                   | KIT # / CODE    | ETL PAGE                         | REMARKS                                                            |
|--------------------------------|-----------------|----------------------------------|--------------------------------------------------------------------|
| F3/F4L914 / D914 L3,4          | 027-2422<br>SPL | 05016366                         | 05113028, 05079911, 05079578, 05079912                             |
| F5/F6L914 BF4L914<br>D914 L5,6 | 027-5471        | 05016365                         | 05079911, 05079578, 05079912, 05063712, 05113388                   |
| TCD914 L6                      | 027-2421<br>SPL | 05079912                         | 05113388, 05079578, 05113495, 05063762                             |
| BF4-6M1013C                    | 029-2113<br>SPL | 05070169<br>05030812<br>05079912 | FOR DRIVE B<br>05071230, 05072174, 05070117, 05111037,<br>05079911 |
| BF4-6M1013/E/C/P               | 029-2618<br>SPL | 05071771<br>05076245             | BLOWER DRIVE D<br>05079558, 05078506, 05079568                     |
| ALL 2012                       | 029-4735<br>SPL | 05074923<br>05077776             | FOR POLY-V FAN DRIVE<br>05113874                                   |
| TCD2012 L4/L6                  | 028-1791<br>SPL | *                                | SAME AS 029-4735                                                   |
| TCD2013 L4/L6                  | 028-1942<br>SPL | 05111388<br>05077776             | POLY V<br>05113874                                                 |



**SECT.9.1A ALTERNATOR, BOSCH 24 VOLT 80AMP**

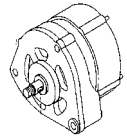
| ENGINE MODEL   | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                          |
|----------------|------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| 1013/C         | 029-3138<br>SPL  | 05070169<br>05070117<br>05078490 | 24V 80AMP V-BELT DRIVE "B" VIA LIQUID PUMP<br>05022986, 05078025, 05078167, 05076643<br>05113167 |
| 1013E          | 029-3139<br>SPL  | 05070169<br>05071449             | 24V 80AMP V-BELT DRIVE "B" VIA LIQUID PUMP<br>05022986, 05078025, 05079558, 05076643, 05111042   |
| 1015           | 2201-9137<br>SPL | 05067871                         | 24V 80 AMP - ETL 05076764                                                                        |
| ALL 2012       | 029-4736<br>SPL  | 05074923<br>05076643             | FOR POLY-V FAN DRIVE<br>05113874                                                                 |
| TCD 2012 L4/L6 | 028-1792<br>SPL  |                                  | SAME AS 029-4736                                                                                 |
| TCD 2013 L4/L6 | 028-1943<br>SPL  | 05111388<br>05076643             | POLY V<br>05113874                                                                               |
| ALL 2013       | 028-1949<br>SPL  | 05076643<br>05078378             | 05113167<br>05078490                                                                             |



**SECT. 9.2**

**ALTERNATOR, FOR 2011 ENGINES**

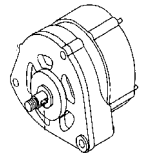
| ENGINE MODEL                             | KIT # / CODE     | ETL PAGE             | REMARKS                                              |
|------------------------------------------|------------------|----------------------|------------------------------------------------------|
| F2/3L2011 / D/TD 2011 L I                | 2200-3087<br>SPL | 05079007<br>05079235 | 12 VOLT, 80 AMP<br>05051119, 05063447                |
| F/BFL2011 / D/TD 2011 L I                | 2200-3089<br>SPL | 05069052<br>05079008 | 24 VOLT, 40 AMP<br>05079235, 05051119, 05063447      |
| ALL FM 2011 / D 2011 L2,L3               | 2200-1595<br>SPL | 05063447<br>05068114 | 12 VOLT 55 AMP, W/O HIGH MOUNT FAN DRIVE<br>05079132 |
| ALL FM 2011 / D 2011 L2,L3               | 2200-1596<br>SPL | 05063447<br>05068114 | 12 VOLT 95 AMP, W/O HIGH MOUNT FAN DRIVE<br>05079131 |
| ALL FM 2011 / D 2011 L2,L3<br>ALL 2011 W | 2200-1598<br>SPL | 05074365<br>05079132 | 12 VOLT 55 AMP, W/ HIGH MOUNT FAN DRIVE              |
| ALL FM 2011 / D 2011 L2,L3<br>ALL 2011 W | 2200-4619<br>SPL | 05079131             | 12 VOLT 95 AMP (ALTERNATOR ONLY)                     |
| ALL FM 2011 / D 2011 L2,L3<br>ALL 2011 W | 2200-4620<br>SPL | 05079138             | 24 VOLT 35 AMP (ALTERNATOR ONLY)                     |



**SECT. 9.3**

**ALTERNATOR FOR 2008 / 2009 ENGINES**

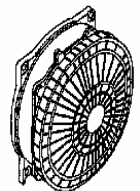
| ENGINE MODEL | KIT # / CODE     | ETL PAGE | REMARKS                                 |
|--------------|------------------|----------|-----------------------------------------|
| TD2009L4     | 3101-0580<br>SPL | 05112026 | 12 VOLT 50 AMP (FOR 122MM CRANK PULLEY) |
| D2009L4      | 3101-0338<br>SPL | 05112025 | 12 VOLT 50 AMP (FOR 104MM CRANK PULLEY) |
| D2009L3      | 3101-0339<br>SPL | 05112183 | 12 VOLT 50 AMP (FOR 104MM CRANK PULLEY) |



**SECT. 10.2**

**BLOWER GUARDS**

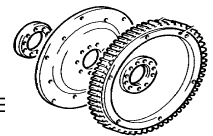
| ENGINE MODEL | KIT # / CODE    | ETL PAGE | REMARKS                                |
|--------------|-----------------|----------|----------------------------------------|
| BF4-6M1013   | 029-2000<br>SPL | 05070161 | FOR 300 MM BLOWER AND TRIANGLE DRIVE A |
| BF4-6M1013   | 029-2001<br>SPL | 05070426 | FOR 370 MM BLOWER AND TRIANGLE DRIVE A |
| ALL 2011     | 2200-1599       | 05068069 | BLOWER GUARD, PLASTIC ONE PIECE        |



**SECT. 11.0**

**C-6 ADAPTER**

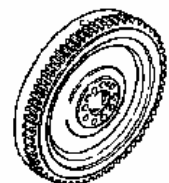
| ENGINE MODEL | KIT # / CODE    | REMARKS                                                                    |
|--------------|-----------------|----------------------------------------------------------------------------|
| 2011         | 999-0230<br>SPL | FOR C6 FORD TRANS. REQUIRES 8"/10" FLYWHEEL<br>AND #4 INTERMEDIATE HOUSING |



**SECT. 11.1**

**FLYWHEEL, SAE 6.5**

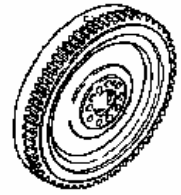
| ENGINE MODEL             | KIT # / CODE     | ETL PAGE | REMARKS                                            |
|--------------------------|------------------|----------|----------------------------------------------------|
| ALL 2011                 | 2200-3174        | 05074222 | ALSO FOR CENTAFLEX SIZE 16<br>(FOR MOD 3 FLYWHEEL) |
| DL4 / TD2009L4 , D2008L4 | 3101-0627<br>SPL |          |                                                    |
| D2008L3 / D2009L3        | 3101-0628<br>SPL |          |                                                    |



**SECT. 11.1.1**

**FLYWHEEL, SAE 7.5**

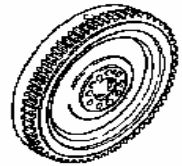
| ENGINE MODEL              | KIT # / CODE     | ETL PAGE | REMARKS   |
|---------------------------|------------------|----------|-----------|
| DL4 / TD2009L4 , D2008L4  | 3101-0355<br>SPL | 05112005 | 0.217 KGM |
| D2009L3 , D2008L3         | 3101-0356<br>SPL | 05112161 | 0.217 KGM |
| DL4 / TD 2009L4 , D2008L4 | 3101-0629<br>SPL | 05112329 | 0.302 KGM |
| D2009L3 , D2008L3         | 3101-0630<br>SPL |          | 0.302 KGM |



**SECT. 11.2**

**FLYWHEEL, SAE 8/10"**

| ENGINE MODEL                                  | KIT # / CODE    | ETL PAGE | REMARKS                             |
|-----------------------------------------------|-----------------|----------|-------------------------------------|
| B/F3-6L913/C/914<br>D914 L3,4,5,6 / TCD914 L6 | 027-0403<br>SPL | 05006880 | ALSO FOR CENTAFLEX                  |
| ALL 1013 / 2012 / 2013                        | 029-1408<br>SPL | 05070429 | KIT, 05072759, 05074521             |
| ALL 2011                                      | 2200-2461       | 05074151 | FOR CENTAPLEX COUPLING SIZE 25 & 30 |



**SECT. 11.3**

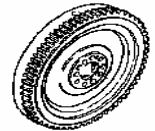
**FLYWHEEL, 9"**

| ENGINE MODEL             | KIT # / CODE     | ETL PAGE | REMARKS                   |
|--------------------------|------------------|----------|---------------------------|
| ALL 2011                 | 2200-3175<br>SPL | 05074331 | ALSO FOR F&S CLUTCH MF228 |
| DL4 / TD2009L4 , D2008L4 | 3101-0357<br>SPL |          | 0.207 KGM AUTOMOTIVE      |
| D2009L3 , D2008L3        | 3101-0358<br>SPL | 05112311 | 0.207 KGM AUTOMOTIVE      |

**SECT. 11.4**

**FLYWHEEL, SAE 10/11.5"**

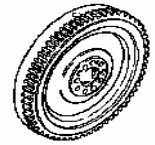
| ENGINE MODEL      | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                   |
|-------------------|------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| ALL 1013/E        | 029-0605<br>SPL  | 05070859<br>05072759<br>05074521 | SAE 10/11.5 FOR GEN. SET @1500/1800 RPM HEAVY<br>ALSO FOR CENTAFLEX SIZE A 30, 50 AND 90s |
| TCD2012/2013      | 028-1630<br>SPL  | 05072759<br>05074521<br>05070859 | SAE 10/11.5 FOR GEN. SET @1500/1800 RPM HEAVY<br>ALSO FOR CENTAFLEX SIZE A 30, 50 AND 90s |
| ALL 1013/E / 2012 | 029-1406<br>SPL  | 05070346<br>05070383             | SAE 10/11.5 STANDARD<br>05072759                                                          |
| TCD2012/2013      | 028-1634<br>SPL  | 05072759<br>05070346             | SAE 10/11.5 STANDARD<br>05070383                                                          |
| DL4 / TD2009L4    | 3101-0514<br>SPL | 05112253                         | SAE 10" WITH BEARING CARRIER                                                              |
| DL4 / TD 2009L4   | 3101-0512<br>SPL | 05112253                         | SAE 10" W/OUT BEARING CARRIER                                                             |



**SECT. 12.2**

**FLYWHEEL, SAE 14 "**

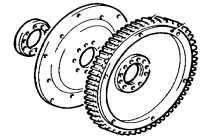
| ENGINE MODEL   | KIT # / CODE     | ETL PAGE | REMARKS                 |
|----------------|------------------|----------|-------------------------|
| BF6M1013/E/C/P | 029-0738<br>SPL  | 05070580 | KIT, 05070660, 05110891 |
| TCD 2013       | 028-1632<br>SPL  | 05070580 | KIT, 05070660, 05110891 |
| 1015           | 2201-0651<br>SPL | 05076718 | KIT                     |



**SECT. 12.3**

**FLYWHEEL, ALLISON APPLICATIONS**

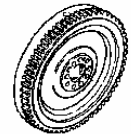
| ENGINE MODEL                    | KIT # / CODE                       | ETL PAGE             | REMARKS                                                                                                                          |
|---------------------------------|------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| B/F3-6L913/C/914                | 027-0433<br>SPL                    | 05005922             | FOR TT 2000                                                                                                                      |
| B/F4-6L913/C/914<br>1013 / 2012 | 999-0235<br>SPL<br>999-0245<br>SPL |                      | FLYWHEEL AT540/545 (ENGINE MUST HAVE SAE 3 HSG.)<br>(SAME AS 28-1647)<br>FLEX PLATE ONLY (IF ENGINE COMES WITH 29-3190 FLYWHEEL) |
| 1015                            | 2201-1470<br>SPL                   | 05075983<br>05021577 | W/ OUT RING GEAR                                                                                                                 |
| TCD2015 V6/V8                   | 2203-0480<br>SPL                   | 05079746             | SAE 1 (ALLISON CLTB755)                                                                                                          |



**SECT. 12.4**

**FLYWHEEL, BORG WARNER APPLICATIONS**

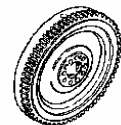
| ENGINE MODEL                       | KIT # / CODE    | ETL PAGE             | REMARKS                                       |
|------------------------------------|-----------------|----------------------|-----------------------------------------------|
| B/F3-6L 913/C/914 / D914 L3        | 027-2637        | 05063705<br>05070429 | FOR 11 T.C.                                   |
| ALL 1013/E / 2012<br>TCD 2012/2013 | 029-1642<br>SPL | 05070580<br>05071907 | FOR BORG WARNER 11 " TC<br>05071846, 05072759 |
| ALL 2011                           | 2200-2462       | 05074287             | FOR SSL 11                                    |



**SECT. 13.1**

**FLYWHEEL, CLARK APPLICATIONS**

| ENGINE MODEL                                 | KIT # / CODE    | ETL PAGE             | REMARKS                                                               |
|----------------------------------------------|-----------------|----------------------|-----------------------------------------------------------------------|
| B/F3-6L 913/C/914<br>D914 L4,5,6 / TCD914 L6 | 027-0407        | 05022874             | FOR C2000/HR18000                                                     |
| B/F3-6L 913/C / D914 L6<br>TCD914 L6         | 027-0430        | 05003384             | FOR C271/HR28000                                                      |
| ALL 1013/2012/2013                           | 029-6085<br>SPL | 05071010<br>05072759 | FOR HR 18000 & HR 28000 (SAME AS 28-1633)<br>05074521, 05076174       |
| BF6M1013/E/C/P                               | 029-2715<br>SPL | 05070580<br>05071864 | FOR C5000, HR34000, HR36000 / USE ONLY WITH SAE 1 HOUSING<br>05071865 |

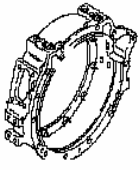


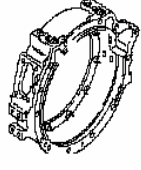
**SECT. 13.2**

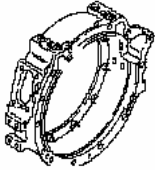
**FLYWHEEL, FLAT FACE**

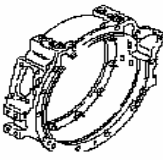
| ENGINE MODEL                                        | KIT # / CODE    | ETL PAGE             | REMARKS                        |
|-----------------------------------------------------|-----------------|----------------------|--------------------------------|
| B/F3-6L 913/C/914 / D914 L3                         | 027-0431        | 05006884             | WITHOUT BEARING RETAINER       |
| 2011                                                | 2200-3186       | 05074319             | ROCKFORD 11 RT CLUTCH          |
| BF6L 913 / C-F6L / BF6L914C<br>D914 L6 / TCD 914 L6 | 027-7195<br>SPL | 05071834<br>05074521 | F + S / CLUTCH 380<br>05076239 |



| <b>SECT. 13.3</b>   |                     | <b>FLYWHEEL HOUSING, SAE 1</b> |                                                                                        | <b>REMARKS</b>                                                                      |
|---------------------|---------------------|--------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>ENGINE MODEL</b> | <b>KIT # / CODE</b> | <b>ETL PAGE</b>                |                                                                                        |                                                                                     |
| ALL 1013E/FC        | 029-2351<br>SPL     | 05070659<br>05074550           | W/TORQUE CONVERTER MTG. PLATE (143MM)<br>05078272, 05078462                            |  |
| TCD 2013            | 028-1601<br>SPL     | 05078272<br>05078462           | W/TORQUE CONVERTER MTG. PLATE (143MM)<br>05070659, 05074550                            |                                                                                     |
| ALL 1013E           | 029-0636<br>SPL     | 05070659<br>05078272           | W/OUT TORQUE CONVERTER MTG. PLATE (143MM DEEP)<br>05078462, 05078481                   |                                                                                     |
| TCD 2013            | 028-1600<br>SPL     | 05078272<br>05078462           | W/OUT TORQUE CONVERTER MTG. PLATE (143MM DEEP)<br>05070659, 05078481 (SAME AS 28-2824) |                                                                                     |
| ALL 1013C           | 029-0637<br>SPL     | 05070659                       | KIT, 05078272, 05078487                                                                |                                                                                     |
| ALL 1015            | 2201-1465<br>SPL    | 05068558<br>05069756           | OIL & WATER TIGHT<br>05075985, 05075582                                                |                                                                                     |
| TCD2015 V6/V8       | 2203-0323<br>SPL    | 05076696                       | 05079745, 05075623                                                                     |                                                                                     |

| <b>SECT. 13.4</b>      |                     | <b>FLYWHEEL HOUSING, SAE 2</b> |                                | <b>REMARKS</b>                                                                       |
|------------------------|---------------------|--------------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| <b>ENGINE MODEL</b>    | <b>KIT # / CODE</b> | <b>ETL PAGE</b>                |                                |                                                                                      |
| B/F3-6L 913/C/ ALL 914 | 027-0749            | 05006908                       | KIT                            |  |
| ALL 1013E              | 029-0629<br>SPL     | 05070654                       | 122MM DEEP, 05078272, 05078462 |                                                                                      |
| TCD 2013               | 028-1603<br>SPL     | 05078272                       | 122MM DEEP, 05078462, 05070654 |                                                                                      |
| ALL 1013C              | 029-0630<br>SPL     | 05070654                       | KIT, 05078272, 05078485        |                                                                                      |
| BFM 2012/C             | 029-1396<br>SPL     | 05070031                       | 122MM DEEP, 05078272, 05078462 |                                                                                      |
| TCD 2012               | 028-1623<br>SPL     | 05078272                       | 122MM DEEP, 05070031, 05078462 |                                                                                      |

| <b>SECT. 14.1</b>      |                     | <b>FLYWHEEL HOUSING, SAE 3</b> |                         | <b>REMARKS</b>                                                                        |
|------------------------|---------------------|--------------------------------|-------------------------|---------------------------------------------------------------------------------------|
| <b>ENGINE MODEL</b>    | <b>KIT # / CODE</b> | <b>ETL PAGE</b>                |                         |                                                                                       |
| B/F3-6L 913/C/ ALL 914 | 027-0748<br>SPL     | 05006906                       | KIT                     |  |
| ALL 1013E              | 029-0631<br>SPL     | 05070482                       | KIT, 05078272, 05114149 |                                                                                       |
| TCD2013                | 028-1523<br>SPL     | 05114149                       | KIT, 05070482, 05078272 |                                                                                       |
| ALL 1013C              | 029-0638<br>SPL     | 05070482                       | KIT, 05078272, 05078461 |                                                                                       |
| 2012/C                 | 029-1398<br>SPL     | 05070032                       | KIT, 05078272, 05114149 |                                                                                       |
| TCD 2012               | 028-1624<br>SPL     | 05078272                       | KIT, 05070032, 05114149 |                                                                                       |
| ALL 2011               | 2200-1053           | 05051756<br>05063372           | ONE PIECE SAE HOUSING   |                                                                                       |

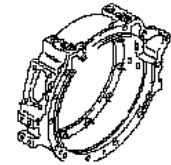
| <b>SECT 14.2</b>       |                     | <b>FLYWHEEL HOUSING, SAE 4</b> |     | <b>REMARKS</b>                                                                        |
|------------------------|---------------------|--------------------------------|-----|---------------------------------------------------------------------------------------|
| <b>ENGINE MODEL</b>    | <b>KIT # / CODE</b> | <b>ETL PAGE</b>                |     |                                                                                       |
| B/F3-6L 913/C/ ALL 914 | 027-0747            | 05003819                       | KIT |  |

**SECT. 14.3**  
**ENGINE MODEL**

**FLYWHEEL HOUSING, SAE 4**  
**KIT # / CODE**      **ETL PAGE**

**REMARKS**

|                 |                  |                      |                                                                                     |
|-----------------|------------------|----------------------|-------------------------------------------------------------------------------------|
| ALL 1013C       | 029-0634<br>SPL  | 05070482             | 05078272, 05078486, 05078462                                                        |
| 2012/C          | 029-1400<br>SPL  | 05070032             | 05078272, 05078462, 05078460                                                        |
| TCD 2013        | 028-1607<br>SPL  | 05078272             | 05070482, 05078462, 05078460                                                        |
| ALL 2011        | 2200-0550<br>SPL | 05051756<br>05069152 | INTERMEDIATE HOUSING & ADAPTOR RING<br>05079261                                     |
| ALL 2011        | 2200-0553<br>SPL | 05051756<br>05069152 | INTERMEDIATE HOUSING ONLY                                                           |
| ALL 2011        | 2200-1054<br>SPL | 05051756<br>05063423 | ONE PIECE SAE HOUSING                                                               |
| ALL 2011        | 2200-3226        | 05074055             | HOUSING & ADAPTER RING / WITH TACH GENERATOR<br>05074269,05079261,05051756,05071486 |
| ALL 2008 / 2009 | 3101-0350<br>SPL | 05112149             | 98 MM WIDTH                                                                         |
|                 | 3101-0347<br>SPL | 05112112             | 81 MM WIDTH                                                                         |
|                 | 3101-0348<br>SPL | 05112221             | 132 MM WIDTH                                                                        |
| DL4 / TD 2009L4 | 3101-0351<br>SPL | 05112220             | 161 MM WIDTH                                                                        |



**SECT. 14.4**

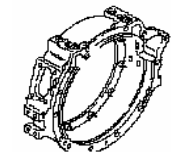
**FLYWHEEL HOUSING, SAE 5**

**ENGINE MODEL**

**KIT # / CODE**      **ETL PAGE**

**REMARKS**

|                                            |                              |                                  |                                                                                                                      |
|--------------------------------------------|------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| B/F3-6L 913/C/914<br>D914 L3,4<br>ALL 2011 | 027-1545<br>SPL<br>2200-0551 | 05004622<br>05051310<br>05051756 | ENGINE COMPLETION SUPPLIES SA 027-0694<br>DUST COVER, PRODUCTION ENGINES DO NOT<br>SAE ADAPTOR RING ONLY<br>05069152 |
| ALL 2011                                   | 2200-1332<br>SPL             | 05051756<br>05068210             | 80 MM HOUSING - MAG PICK UP<br>05068211                                                                              |
| ALL 2011                                   | 2200-2235<br>SPL             | 05051310<br>05051339             | HOUSING & ADAPTER RING<br>05051756                                                                                   |
| ALL 2008 / 2009                            | 3101-0346<br>SPL             | 05112022                         | 98 MM WIDTH                                                                                                          |
|                                            | 3101-0349<br>SPL             | 05112111                         | 81 MM WIDTH                                                                                                          |



**SECT. 15.1**

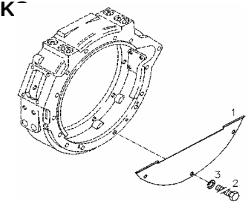
**DUST COVER FOR FLYWHEEL HOUSING**

**ENGINE MODEL**

**KIT # / CODE**      **ETL PAGE**

**REMARKS**

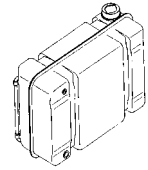
|                   |                 |          |     |
|-------------------|-----------------|----------|-----|
| B/F3-6L 913/C/914 | 027-0694<br>SPL | 05032425 | KIT |
| ALL 1013/C/E      | 029-1340<br>SPL |          | KIT |



**SECT. 16.1**

**FUEL TANKS**

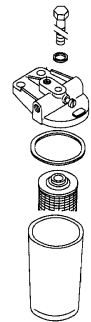
| ENGINE MODEL | KIT # / CODE    | ETL PAGE             | REMARKS                                                                          |
|--------------|-----------------|----------------------|----------------------------------------------------------------------------------|
| F6L 913/914  | 027-0795<br>SPL | 05003505<br>05003489 | 90 LITER, SHEET METAL<br>05003701                                                |
| F3L913       | 027-3275<br>SPL | 05003505<br>05003489 | 90 LITER, SHEET METAL<br>05006847                                                |
| ALL 2011     | 2200-0637       | 05051667             | 20 LITER, SHEET METAL. NOT WITH MOUNTED<br>CONTROL PANEL ON INTERMEDIATE HOUSING |



**SECT. 16.2**

**FUEL FILTERS**

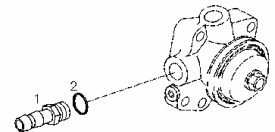
| ENGINE MODEL           | KIT # / CODE     | ETL PAGE             | REMARKS                                                                                          |
|------------------------|------------------|----------------------|--------------------------------------------------------------------------------------------------|
| B/F6L913/C             | 027-1209<br>SPL  | 05030195<br>05032548 | LOOSE, REQUIRED FOR CAB OIL HEAT                                                                 |
| BF4L 913               | 027-2514<br>SPL  | 05022935<br>05032518 | LOOSE, REQUIRED FOR CAB OIL HEAT                                                                 |
| ALL 1013/E(INT.& EXT.) | 029-1253<br>SPL  | 05077129<br>05114080 | LOOSE                                                                                            |
| ALL 1013/E(INT.& EXT.) | 029-1463<br>SPL  | 05070201             | LOOSE, WITH WATER SEPERATOR                                                                      |
| ALL 1013/E(INT.& EXT.) | 029-2412         | 05078200             | FUEL PRE-FILTER, LOOSE WITHOUT<br>CONNECTIONS OR BRACKET.                                        |
| 1013 / 2012            | 029-6110<br>SPL  | 05078100<br>05075982 | RACOR PRE-FILTER WITH ELEC. WATER<br>LEVEL INDICATOR - INCLUDES PLUG                             |
| ALL 2011               | 2200-1724<br>SPL | 05068026<br>05067542 | .6 LITER, MOUNTED, WITH WATER SEPERATOR<br>MUST MOUNT REMOTELY FOR F2L/M 1011F<br>UP TO 2300 RPM |
| ALL 2011               | 2200-1721<br>SPL | 05069150             | .4 LTR SPIN ON CARTRIDGE, LOOSE                                                                  |
| ALL 2011               | 2200-1722<br>SPL | 05068026<br>05042000 | .4 LTR. SPIN ON CARTRIDGE, MOUNTED                                                               |
| TCD 2012/2013          | 028-1878<br>SPL  | 05113200<br>05079675 | PRE-FILTER RACOR WITH HAND PRIMER & WATER IN FUEL SENSOR<br>(SAME AS 034-1716)                   |
| TCD 2015               | 2203-0569<br>SPL | 05078576<br>05079674 | PRE-FILTER RACOR WITH HAND PRIMER & WATER IN FUEL SENSOR<br>05079675                             |



**SECT. 16.3**

**FUEL FITTINGS**

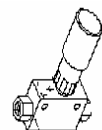
| ENGINE MODEL | KIT # / CODE    | ETL PAGE | REMARKS                                             |
|--------------|-----------------|----------|-----------------------------------------------------|
| ALL 1013/E   | 029-2354<br>SPL | 05071050 | 3/8 NPT, 1X FITTING FOR FUEL PUMP                   |
| ALL 1013/E   | 029-2658        | 05071050 | 3/8 NPT, 3X FITTINGS FOR FUEL PUMP<br>AND PREFILTER |
| ALL 1013/E   | 029-2659<br>SPL | 05071049 | 10mm SLIP-ON, 3x FITTINGS PUMP &<br>PREFILTER       |



**SECT. 16.4**

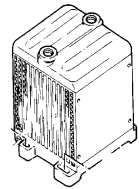
**FUEL PRIMER PUMP**

| ENGINE MODEL      | KIT # / CODE     | ETL PAGE | REMARKS                 |
|-------------------|------------------|----------|-------------------------|
| BF6/8M1015/C      | 2201-0605<br>SPL | 05068668 | KIT                     |
| BF6M 1013/CP/2012 | 029-3490<br>SPL  | 05078373 | WITHOUT FUEL PRE-FILTER |



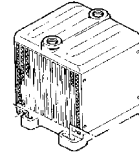
**SECT. 17.1 HYDRAULIC OIL COOLER, CLASS I**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE                         | REMARKS                                                                     |
|--------------|-----------------|----------------------------------|-----------------------------------------------------------------------------|
| F6L 913/914  | 027-1109<br>SPL | 05022945<br>05003579             | SAE 2,3,4 HOUSING, SINGLE-BELT BLOWER DRIVE, EQUIP. M<br>05032464, 05034232 |
| F6L 913/914  | 027-1110<br>SPL | 05022945<br>05003579             | SAE 2,3,4 HOUSING, DOUBLE-BELT BLOWER DRIVE, EQUIP. M<br>05034232, 05071965 |
| BF6L 913/914 | 027-2195<br>SPL | 05006548<br>05006549             | DOUBLE-BELT BLOWER DRIVE, EQUIP. K<br>05042706, 05070779                    |
| F4L 913      | 027-2638        | 05030989<br>05003579             | SINGLE-BELT BLOWER DRIVE, EQUIP. R<br>05030216, 05032492                    |
| F3L 913      | 027-2855<br>SPL | 05030989<br>05004510             | SINGLE-BELT BLOWER DRIVE, EQUIP. R<br>05030217, 05042705                    |
| F4L 913      | 027-2872<br>SPL | 05003579<br>05030988             | DOUBLE-BELT BLOWER DRIVE, EQUIP P<br>05030216, 05032492                     |
| BF4L 913     | 027-3836        | 05034232<br>05032463<br>05042838 | SAE 2,3, HOUSING, SINGLE-BELT BLOWER<br>DRIVE, EQUIP. N<br>05042827         |



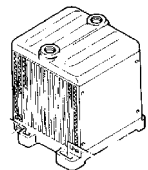
**SECT. 17.2 HYDRAULIC OIL COOLER, CLASS II**

| ENGINE MODEL         | KIT # / CODE    | ETL PAGE                         | REMARKS                                                           |
|----------------------|-----------------|----------------------------------|-------------------------------------------------------------------|
| F6L 913/914/ D914 L6 | 027-1119        | 05032463<br>05027671<br>05032514 | SAE 2,3 HOUSING, SINGLE-BELT BLOWER<br>DRIVE, EQUIP D<br>05034387 |
| F6L 913              | 027-1120<br>SPL | 05032463<br>05027671<br>05032516 | SAE 4 HOUSING, DOUBLE-BELT BLOWER<br>DRIVE, EQUIP D<br>05034387   |
| F4L 914 / D914 L4    | 027-2884<br>SPL | 05030988<br>05027671<br>05023370 | SAE 2,3 HOUSING, DOUBLE-BELT BLOWER<br>DRIVE, EQUIP F<br>05027670 |



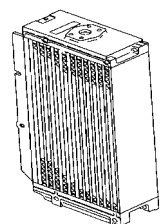
**SECT. 17.3 HYDRAULIC OIL COOLER, CLASS III**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE                         | REMARKS                                                           |
|--------------|-----------------|----------------------------------|-------------------------------------------------------------------|
| BF4L 913/914 | 027-3608<br>SPL | 05042281<br>05042270             | SAE 2,3 HOUSING U TYPE<br>05032463, 05042827                      |
| BF6L 913/914 | 027-2205<br>SPL | 05030829<br>05030830<br>05042706 | SAE 2,3 HOUSING, DOUBLE-BELT BLOWER<br>DRIVE, EQUIP C<br>05070779 |



**SECT. 18.2 HYDRAULIC OIL COOLER, SIZE C**

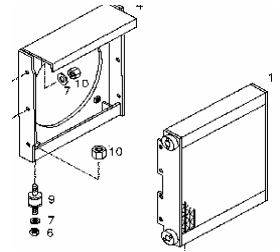
| ENGINE MODEL | KIT # / CODE    | ETL PAGE                                                 | REMARKS                                                                                                                                                                                |
|--------------|-----------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BF6M1013     | 029-2097<br>SPL | 05070609<br>05070512<br>05070920<br>05071466<br>05111015 | INCLUDES IMPELLER FOR BLOWER, MUST ORDER<br>DRIVE PARTS FOR BLOWER<br>05070344, 05070923, 05070918, 05070607, 05070513<br>05072331, 05072338, 05072332, 05072348, 05077230<br>05111016 |



**SECT. 18.3**

**ENGINE OIL COOLER  
FOR CRANKSHAFT DRIVEN FAN**

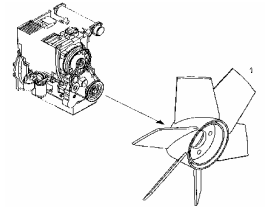
| ENGINE MODEL | KIT # / CODE    | REMARKS                            |
|--------------|-----------------|------------------------------------|
| F3/4M 2011   | 999-0231<br>SPL | ENGINE OIL COOLER (FOR 290MM FAN)  |
| BF3/4M 2011  | 999-0244        | ENGINE OIL COOLER (FOR 315 MM FAN) |
|              | 999-0332<br>SPL | HOSE KIT                           |



**SECT. 18.4**

**FANS FOR 2011 HYDRAULIC OIL AND FM 2011  
ENGINE LUBE OIL COOLERS**

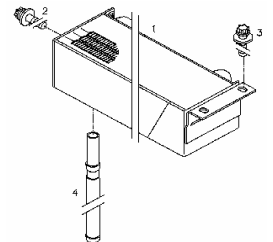
| ENGINE MODEL | KIT # / CODE     | ETL PAGE | REMARKS                                                                                                     |
|--------------|------------------|----------|-------------------------------------------------------------------------------------------------------------|
| ALL 2011     | 2200-0898<br>SPL | 05051746 | FOR FRONT PTO CRANKSHAFT MOUNT<br>270 MM DIAMETER FAN ONLY. DRIVE HUB IS<br>ALSO REQUIRED, SEE SECTION 36.2 |
| ALL 2011     | 2200-0899        | 05051747 | FOR FRONT PTO CRANKSHAFT MOUNT<br>315 MM DIAMETER FAN ONLY. DRIVE HUB IS<br>ALSO REQUIRED, SEE SECTION 36.2 |
| ALL 2011     | 2200-0900<br>SPL | 05051748 | FOR FRONT PTO CRANKSHAFT MOUNT<br>330 MM DIAMETER FAN ONLY. DRIVE HUB IS<br>ALSO REQUIRED, SEE SECTION 36.2 |
| ALL 2011     | 2200-0933<br>SPL | 05051745 | FOR FRONT PTO CRANKSHAFT MOUNT<br>290 MM DIAMETER FAN ONLY. DRIVE HUB IS<br>ALSO REQUIRED, SEE SECTION 36.2 |



**SECT. 18.5**

**AG ENGINE OIL COOLERS**

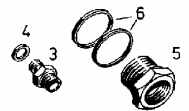
| ENGINE MODEL | KIT # / CODE     | ETL PAGE | REMARKS |
|--------------|------------------|----------|---------|
| F3L2011      | 2200-1541<br>SPL | 05067763 |         |
| F4L2011      | 2200-1542<br>SPL | 05068045 |         |
| D2011 L4i    | 2200-4676        | 05114784 |         |
| TD2011 L4i   | 2200-4985        | 05119022 |         |



**SECT. 19.1**

**FITTINGS FOR HYDRAULIC OIL COOLER**

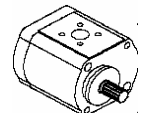
| ENGINE MODEL      | KIT # / CODE    | REMARKS                                                            |
|-------------------|-----------------|--------------------------------------------------------------------|
| B/F3-6L913/914    | 999-0022        | FOR CLASS I COOLERS ONLY, BANJO<br>BOLT AND FITTING TYPE           |
| MISC. SEE REMARKS | 999-0084        | 1 NPT FEMALE THREAD FOR<br>BF6L913/C CLASS II AND III COOLERS ONLY |
| ALL 2011          | 999-0157<br>SPL | BANJO BOLT AND FITTING TYPE                                        |



**SECT. 19.2**

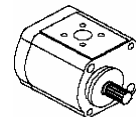
**HYDRAULIC OIL PUMP, 8 CCM/REV**

| ENGINE MODEL      | KIT # / CODE | ETL PAGE             | REMARKS                                                     |
|-------------------|--------------|----------------------|-------------------------------------------------------------|
| ALL 1013/E / 2012 | 029-0663     | 05070190<br>05071914 | MOUNTING AT PTO B , WITHOUT FITTINGS<br>05051844            |
| ALL 2011          | NO KIT       |                      | FOR DIN FLANGE ONLY (BOSCH PUMP)<br>SEE SERPIC ETL 05051717 |



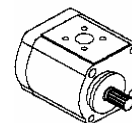
**SECT. 19.3 HYDRAULIC OIL PUMP, 11 CCM/REV**

| ENGINE MODEL                              | KIT # / CODE | ETL PAGE | REMARKS                                                     |
|-------------------------------------------|--------------|----------|-------------------------------------------------------------|
| B/F4-6L 913/C/T/914<br>D914 L5, TCD914 L6 | 027-3885     | 05034475 | INCLUDES METRIC FITTINGS WITH SQUEEZE                       |
|                                           | SPL          |          | FERRULES                                                    |
| ALL 1013/E / 2012                         | 029-2436     | 05070190 | MOUNTING AT PTO B , WITHOUT FITTINGS                        |
|                                           | SPL          | 05051844 | 05071677                                                    |
| ALL 2011                                  | NO KIT       |          | FOR DIN FLANGE ONLY (BOSCH PUMP)<br>SEE SERPIC ETL 05051718 |



**SECT. 19.4 HYDRAULIC OIL PUMP, 16 CCM/REV**

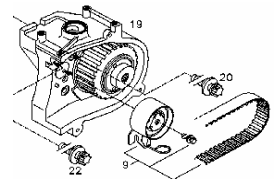
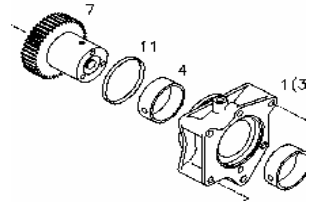
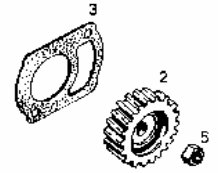
| ENGINE MODEL          | KIT # / CODE    | ETL PAGE             | REMARKS                                                     |
|-----------------------|-----------------|----------------------|-------------------------------------------------------------|
| F3L-6L 914            | 027-1696        | 05003333<br>05034476 | WITH METRIC FITTINGS W/ SQUEEZE FERRULES<br>05042845        |
| BF4/6L914 . TCD914 L6 | 027-3883        | 05034476             | KIT                                                         |
| ALL 2011              | NO KIT          |                      | FOR DIN FLANGE ONLY (BOSCH PUMP)<br>SEE SERPIC ETL 05051719 |
| ALL 1013/E / 2012     | 029-2437        | 05070190<br>05051844 | MOUNTING AT PTO B , WITHOUT FITTINGS<br>05072170            |
| 1013                  | 029-2375<br>SPL | 05113110<br>05113188 | BOSCH PTO "C" ONLY<br>05111116                              |
| TCD 2013              | 028-2387<br>SPL | 05111484<br>05113188 | BOSCH PTO "C" LOCATION ONLY<br>05111116                     |
| 2012                  | 029-2646<br>SPL | 05113188<br>05113518 | BOSCH PTO "C" LOCATION ONLY<br>05111636                     |
| TCD 2012              | 028-1843<br>SPL | 05070190<br>05051844 | BOSCH PTO "B" LOCATION ONLY<br>05072170                     |
| TCD 2013              | 028-1872<br>SPL | 05070190<br>05051844 | BOSCH PTO "B" LOCATION ONLY<br>05072170                     |



**SECT. 20.2**

**HYDRAULIC OIL PUMP / AIR COMPRESSOR, DRIVE PARTS ONLY**

| ENGINE MODEL                        | KIT # / CODE     | ETL PAGE                                                 | REMARKS                                                                                                                                       |
|-------------------------------------|------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| B/F3-6L913                          | 027-0606<br>SPL  | 05003333<br>05003813                                     | WITH BREATHER<br>05042845                                                                                                                     |
| F3-4L914                            | 027-4334<br>SPL  | 05003813<br>05042845                                     | DRIVING PARTS<br>05006870                                                                                                                     |
| F5-6L914                            | 027-0611<br>SPL  | 05003813<br>05034283                                     | WITH BREATHER<br>05042845                                                                                                                     |
| D914 L4 / L5                        | 27-6361<br>SPL   | 05075002                                                 | DRIVING PARTS                                                                                                                                 |
| BF4-6L914 / D914 L3/L6<br>TCD914 L6 | 027-3880         | 05003813                                                 | DRIVING PARTS                                                                                                                                 |
| ALL 1013/E                          | 029-0643<br>SPL  | 05070189<br>05072060                                     | SAE A2 FLANGE, 9T,16/32 DP SPLINE DRIVE,<br>MOUNTED AT PTO POSITION A .                                                                       |
| TCD 2013                            | 028-1865<br>SPL  | 05070189<br>05072060                                     | " " " "                                                                                                                                       |
| 2012 / TCD 2012 2V                  | 028-1839<br>SPL  | 05070187<br>05070189                                     | SAE A2 FLANGE, 9T,16/32 DP SPLINE DRIVE, (SAME AS 29-1386)<br>MOUNTED AT PTO POSITION A .                                                     |
| TCD 2013 L06 4V                     | 034-1860<br>SPL  | 05070189<br>05110875                                     | SAE A2 FLANGE, 9T,16/32 DP SPLINE DRIVE,<br>MOUNTED AT PTO POSITION A .                                                                       |
| ALL 1013/E                          | 029-0644         | 05072060<br>05070290                                     | SAE B2 FLANGE,13T,16/32 DP SPLINE DRIVE,<br>MOUNTED AT PTO POSITION A .                                                                       |
| TCD 2013 / 2V                       | 028-1866<br>SPL  | 05072060<br>05070290                                     | " " " "                                                                                                                                       |
| TCD2013 L6 4V                       | 034-1698<br>SPL  | 05070290<br>05110875                                     | " " " "                                                                                                                                       |
| 2012 / TCD 2012 2V                  | 029-1628         | 05070187<br>05070290                                     | SAE B2 FLANGE,13T,16/32 DP SPLINE DRIVE, (SAME AS 28-1840)<br>MOUNTED AT PTO POSITION A .                                                     |
| ALL 1013/E / 2012<br>TCD 2013       | 029-1478<br>SPL  | 05070190<br>05051844                                     | FOR BOSCH FLANGE, CONE TYPE, MOUNTED AT PTO LOCATION B .<br>05078195 (SAME AS 28-1844 & 28-1874)                                              |
| ALL 2011                            | 2200-3056<br>SPL | 05074237<br>05079064<br>05074209<br>05074272<br>05074235 | <b>DIN FLANGE</b> FOR BOSCH PUMPS<br>DIN SPLINE DRIVE A17X14<br>WITH AIR COMPRESSOR MOUNTING PAD.<br>RELATIVE TIMING BELT COVER ALSO REQUIRED |
| ALL 2011                            | 2200-3055        | 05074237<br>05079110<br>05074209<br>05074273             | <b>SAE A2</b> HYDRAULIC PUMP DRIVE<br>COMES WITH PROTECTIVE HOOD FOR PUMP<br>RELATIVE TIMING BELT COVER ALSO REQUIRED.<br>05074235            |
| ALL 2011                            | 2200-3439        | 05079198                                                 | TIMING BELT COVER FOR PUMP DRIVE                                                                                                              |
| ALL 2011                            | 2200-3232        | 05074298                                                 | V-BELT GUARD FOR PUMP DRIVE                                                                                                                   |
| ALL 2011                            | 2200-3233        | 05074297                                                 | V-BELT GUARD FOR ENGINE W/OUT PUMP DRIVE                                                                                                      |
| ALL 2011                            | 999-0945<br>SPL  |                                                          | HYD. PUMP FLANGE (SAE B SIZE, 4 HOLE)<br>REQUIRES SAE 6.5 FLYWHEEL AND SAE 5 FLYWHEEL HOUSING<br>PUMP SPLINE IS SAE B-B, 15 TOOTH MAX 50 HP   |



**CONTINUED ON NEXT PAGE**

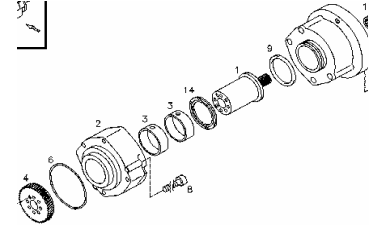
CHECK WITH DC-NORCROSS FOR LEAD TIME ON ITEMS WITH 'SPL' STOCK CODE

REV. 01/2009

**SECT. 20.2**

**HYDRAULIC OIL PUMP / AIR COMPRESSOR, DRIVE PARTS ONLY**

| ENGINE MODEL  | KIT # / CODE     | ETL PAGE             | REMARKS                                                                                                                                 |
|---------------|------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| ALL 2011      | 999-0943<br>SPL  |                      | REQUIRES SAE 8/10 FLYWHEEL AND INTERMEDIATE HOUSING<br>PUMP FLANGE IS SAE B SIZE, 2 HOLE<br>PUMP SPLINE IS SAE B-B, 15 TOOTH MAX 110 HP |
| ALL 2011      | 999-0944<br>SPL  |                      | REQUIRES SAE 8/10 FLYWHEEL AND INTERMEDIATE HOUSING<br>PUMP FLANGE IS SAE B SIZE, 2 HOLE<br>PUMP SPLINE IS SAE B-B, 13 TOOTH MAX 110 HP |
| BF6M1015/C    | 2201-1669<br>SPL | 05069315<br>05076631 | SAE B-2, 13T SPLINE DRIVE, PTO "A"<br>05079833                                                                                          |
|               | 2201-1671<br>SPL | 05069316<br>05076631 | SAE B-2, 13T SPLINE DRIVE, PTO "B"<br>05079833                                                                                          |
|               | 2201-1356<br>SPL | 05069316<br>05079687 | SAE C-2, 15T SPLINE DRIVE, PTO "B"<br>05079833                                                                                          |
| BF8M1015/C    | 2201-1670<br>SPL | 05069296<br>05076631 | SAE B-2, 13T SPLINE DRIVE, PTO "A"<br>05079833                                                                                          |
|               | 2201-1672<br>SPL | 05069357<br>05076631 | SAE B-2, 13T SPLINE DRIVE, PTO "B"<br>05079833                                                                                          |
|               | 2201-1276<br>SPL | 05069357<br>05076630 | SAE C-2, 15T SPLINE DRIVE, PTO "B"<br>05079833                                                                                          |
| 1015          | 2201-1268<br>SPL | 05069315<br>05076629 | SAE B-2, 15T SPLINE DRIVE, PTO "A"<br>05079833                                                                                          |
| 1015          | 2201-0648<br>SPL | 05075851             | GEAR CASE DRIVE PARTS FOR PTO "A"                                                                                                       |
| TCD2015 V6/V8 | 2203-0201<br>SPL | 05075588             | PTO "A" DRIVE GEAR                                                                                                                      |
| TCD2015 V6/V8 | 2203-0202<br>SPL | 05075589             | PTO "B" DRIVE GEAR                                                                                                                      |
| 2008 / 2009   | 3101-0299        | 05112074             | DIN (FOR BOSCH HYD. PUMPS)                                                                                                              |
| 2008 / 2009   | 3101-0637<br>SPL | 05112308             | SAE A2 , SPLINE DRIVE 9T                                                                                                                |

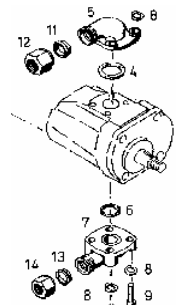


**REQUIRES ENGINE CONFIGURATION FOR PUMP DRIVES**

**SECT. 21.1**

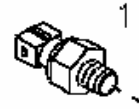
**HYDRAULIC OIL PUMP FITTINGS**

| ENGINE MODEL      | KIT # / CODE | REMARKS                                                                                             |
|-------------------|--------------|-----------------------------------------------------------------------------------------------------|
| ALL 1013 / 2012   | 999-0160     | 05003815<br>METRIC FITTINGS WITH SQUEEZE FERRULES<br>WITH 90 DEG. FLANGES                           |
| MISC. SEE REMARKS | 999-0178     | SAE 37 DEGREE FLARE TUBE FITTINGS, FOR<br>USE WITH PUMPS UTILIZING KHD SUPPLIED<br>METRIC FITTINGS. |
| MISC. SEE REMARKS | 999-0179     | SAE 37 DEGREE FLARE FLANGE FITTINGS,<br>FOR USE WITH PUMPS SUPPLIED WITHOUT<br>METRIC FITTINGS.     |



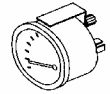
**SECT.22.1 COOLANT TEMP SWITCHS AND SENSORS,**

| ENGINE MODEL           | KIT # / CODE     | ETL PAGE | REMARKS                                                                  |
|------------------------|------------------|----------|--------------------------------------------------------------------------|
| ALL 1013/E(INT.& EXT.) | 029-2595<br>SPL  | 05111201 | SENDER WITH 113 DEG. CELCIUS SWITCH                                      |
| All 2008 / 2009        | 3101-0469<br>SPL | 05112262 | NORMALLY CLOSED- OPENS AT 114 DEG. C<br>AND CLOSES AT 105 DEG. C (GREEN) |
| All 2008 / 2009        | 3101-0470<br>SPL | 05112050 | NORMALLY OPEN- OPENS AT 114 DEG. C<br>AND CLOSES AT 105 DEG. C (BLUE)    |
| All 2008 / 2009        | 3101-0471<br>SPL | 05112141 | TEMP. SENSOR (WHITE)                                                     |



**SECT. 22.5 CYL. HEAD TEMP. GAUGE (MANUAL)**

| ENGINE MODEL | KIT # / CODE | REMARKS                                    |
|--------------|--------------|--------------------------------------------|
| ALL 914      | 3367186      | HAS 5 METER LENGTH CAPILLARY TUBE TO HEAD. |

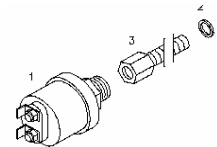


**SECT. 22.6 CYLINDER HEAD TEMP (ELECTRIC)**

| ENGINE MODEL        | KIT # / CODE    | ETL PAGE             | REMARKS                                                   |
|---------------------|-----------------|----------------------|-----------------------------------------------------------|
| B/FL914 TIER I & II | 027-1664<br>SPL | 05113305             | TEMP SENSOR ONLY (12V)                                    |
| B/FL914 TIER I & II | 027-4515<br>SPL | 05013458<br>05113305 | (12V) TEMP SENSOR & GAUGE<br>05050734, 05075399, 05076946 |
| B/FL914 TIER I & II | 027-4516<br>SPL | 05013458<br>05113305 | (24V) TEMP SENSOR & GAUGE<br>05050734, 05113032, 05076946 |
| D914 L3-6 TIER III  | 027-8514<br>SPL | 05113246             | TEMP SENSOR ONLY (12V)                                    |
| TCD914 L6           | 027-3451<br>SPL | 05050734<br>05111203 | TEMP SENSOR & GAUGE (12V)<br>05113206, 05013458           |
| TCD914 L6           | 027-3448<br>SPL | 05113305<br>05050734 | TEMP SENSOR & GAUGE (24V)<br>05113205, 05111203           |

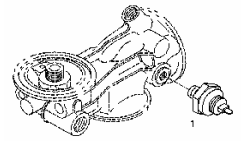
**SECT. 23.3 OIL PRESSURE SENSOR, W/ WARNING CONTACT (WITHOUT GAUGE)**

| ENGINE MODEL                           | KIT # / CODE    | ETL PAGE             | REMARKS                                    |
|----------------------------------------|-----------------|----------------------|--------------------------------------------|
| B/F3-6L 913/C<br>ALL914                | 027-0979        | 05050091<br>05063522 | 12/24 VOLT WITH 0.5 BAR SWITCH             |
| ALL 1013/E                             | 029-2668<br>SPL | 05111202<br>05071706 | 12/24 VOLT WITH 0.5 BAR SWITCH             |
| BFM 2012                               | 029-2770<br>SPL | 05111202<br>05071706 | 12/24 VOLT WITH 0.5 BAR SWITCH             |
| TCD2012 / 2013                         | 028-2023<br>SPL | 05078371             |                                            |
| B/F3L-F4L/M2011<br>D/TD2011<br>F2L2011 | 2200-1668       | 05068119             | ELECTRIC, WITHOUT GAUGE; .5 BAR SWITCH     |
|                                        | 999-0586        |                      | SENSOR / SWITCH (WITH ANTI SMOKE KIT ONLY) |
| ALL 2008 / 2009                        | 3101-0476       | 05112118             | MAX PRESSURE 250 PSI                       |



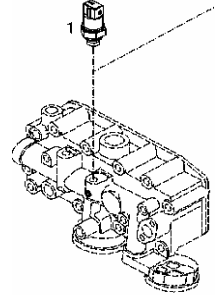
**SECT. 24.1 OIL PRESSURE SWITCH FOR FIXED SPEED ENGINES**

| ENGINE MODEL                | KIT # / CODE     | ETL PAGE | REMARKS                                                               |
|-----------------------------|------------------|----------|-----------------------------------------------------------------------|
| B/F3-6L913/C<br>ALL 914     | 027-1721         | 05113217 | 1301 - 1799 RPM, CLOSSES IN CASE OF FALLING PRESSURE (CLOSED) 2 BAR   |
| B/F3-6L913/C<br>ALL 914     | 027-1728         | 05113008 | UP TO 1000 RPM,CLOSSES IN CASE OF FALLING PRESSURE (CLOSED) 1 BAR     |
| B/F3-6L913/C/914<br>ALL 914 | 027-1729         | 05113007 | 1001 - 1300 RPM, CLOSSES IN CASE OF FALLING PRESSURE (CLOSED) 1.5 BAR |
| ALL 2008 / 2009             | 3101-0473<br>SPL | 05112049 | CLOSED 2-PIN (GREY)                                                   |
|                             | 3101-0474<br>SPL | 05112078 | OPEN 1-PIN ( YELLOW)                                                  |
|                             | 3101-0475<br>SPL | 05112261 | OPEN 2-PIN ( RED)                                                     |



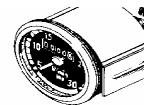
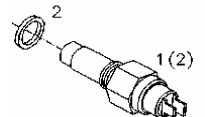
**SECT. 24.2 OIL PRESSURE SWITCH, FOR VARIABLE SPEED ENGINES WITHOUT INDICATOR LIGHT, ALL 12-24 VOLT**

| ENGINE MODEL          | KIT # / CODE     | ETL PAGE             | REMARKS                 |
|-----------------------|------------------|----------------------|-------------------------|
| B/F3-6L913<br>ALL 914 | 027-0988<br>SPL  | 05037827<br>05075555 | WITHOUT INDICATOR LIGHT |
| ALL 1013/E            | 029-1447<br>SPL  | 05111231             | WITHOUT INDICATOR LIGHT |
| ALL 2011              | 2200-1660<br>SPL | 05067636             | WITHOUT INDICATOR LIGHT |



**SECT. 24.4 OIL TEMP, SENSOR , W/ WARNING CONTACT ALL 12-24 VOLT**

| ENGINE MODEL          | KIT # / CODE     | ETL PAGE                         | REMARKS                                                      |
|-----------------------|------------------|----------------------------------|--------------------------------------------------------------|
| B/F3-6L913/C/ ALL 914 | 027-1160         | 05016356                         | 12/24 VOLT SENSOR ONLY, FOR GAUGE                            |
| B/F3-6L913/C/ ALL 914 | 027-1161<br>SPL  | 05016356<br>05113670<br>05111203 | 12 VOLT SENSOR WITH GAUGE<br>130 DEGREE CELSIUS SWITCH POINT |
| B/F3-6L913/C/ ALL 914 | 027-1162<br>SPL  | 05016356<br>05113664<br>05111203 | 24 VOLT SENSOR WITH GAUGE<br>130 DEGREE CELSIUS SWITCH POINT |
| ALL B/FL2011          | 2200-2016<br>SPL | 05069029                         | 135 DEG. CELCIUS SWITCH POINT (SENSOR ONLY)                  |
| D/TD2011 L2,3,4/ I    | 2200-3922<br>SPL | 05113694                         | 140 DEG. CELCIUS SWITCH POINT (SENSOR ONLY)                  |
| ALL 2011 (WITH EMR 2) | 2200-3689        | 05079193                         | SENSOR ONLY                                                  |



**SECT. 25.1**

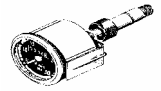
**TACHOMETER/SERVICE HOURMETER COMBO, MECHANICAL  
 WITHOUT CAMSHAFT DRIVEN ANGLE DRIVE  
 KIT # / CODE**

**REMARKS**

B/F3-6L913/C/914

999-0051

KIT INCLUDES 1500 MM CABLE AND  
 0 - 3000 RPM TACHOMETER/HOURMETER ONLY.  
 ( HOURMETER NOT ACCURATE FOR VARIABLE  
 SPEED ENGINES.)



**SECT. 25.2**

**ENGINE MODEL**

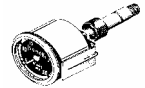
**TACHOMETER, ELECTRIC  
 KIT # / CODE**

**REMARKS**

ALL 913/914/2011/2012/2013

999-0086

12 VOLT, MUST HAVE ALTERNATOR WITH  
 W TERMINAL



**SECT. 25.3**

**ANGLE DRIVE, CAM DRIVEN, FOR MECHANICAL TACHOMETER**

**ENGINE MODEL**

**KIT # / CODE**

**ETL PAGE**

**REMARKS**

B/F3-6L913/C

027-1004

05003835

KIT

05016321

05063567

BF6L 914C

027-2563

05003835

KIT

05016321

05069511



**SECT. 26.1**

**STARTING INDICATOR PANEL  
 12 VOLT**

**12 VOLT**

**ENGINE MODEL**

**KIT # / CODE**

**ETL PAGE**

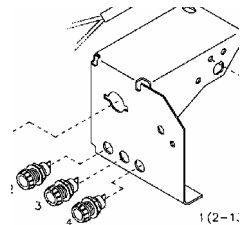
**REMARKS**

ALL 2011

999-0233

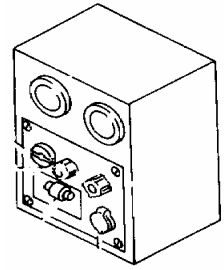
05068148

WITH MOUNTING BRACKET, 3 POSITION KEY  
 SWITCH, INDICATOR LIGHTS FOR:  
 ALT DISCHARGE, LUBE OIL TEMP PRESSURE  
 (ENGINE MUST HAVE MAIN ENGINE HARNESS).



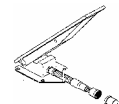
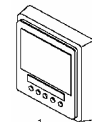
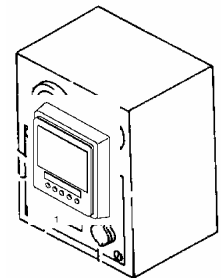
**SECT. 27.1 ENGINE CONTROL PANEL (MECHANICAL) 12V / 24V**

| ENGINE MODEL                          | KIT # / CODE | REMARKS                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 914 / 1013 / 2011 / 2012 / 2013       | 999-0648     | <b>CONTROL PANEL</b> WITH MTG. ISOLATORS<br>MTG. BRACKET AND HARNESS SOLD SEPARATELY<br>SEE BELOW.<br>INCLUDES: OIL TEMP AND OIL PRESSURE GAUGES<br>HOURMETER, TACHOMETER AND ENGINE<br>PREHEAT WITH LED INDICATOR LIGHT.<br>ENGINE MUST HAVE ELECTRIC OIL PRESSURE<br>AND TEMP. SENDER/SWITCH MONITORS.<br>30 AMP PANEL MOUNTED FUSE |
| <b>Mechanical Panel Repair Parts:</b> |              |                                                                                                                                                                                                                                                                                                                                       |
| 300646 Key Switch                     |              |                                                                                                                                                                                                                                                                                                                                       |
| 300647 Replacement Key (Stamped 250)  |              |                                                                                                                                                                                                                                                                                                                                       |
| 300651 Hourmeter                      |              |                                                                                                                                                                                                                                                                                                                                       |
| 300649 Temperature Gauge              |              |                                                                                                                                                                                                                                                                                                                                       |
| 300648 Oil Gauge                      |              |                                                                                                                                                                                                                                                                                                                                       |
| 300650 Tachometer                     |              |                                                                                                                                                                                                                                                                                                                                       |
| 300601 Rubber Mtg. Isolator Kit       |              |                                                                                                                                                                                                                                                                                                                                       |
| 300652 Isolator only                  |              |                                                                                                                                                                                                                                                                                                                                       |
| 913                                   | 999-0666     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| 914                                   | 999-0915     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| 2011                                  | 999-0658     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| BF4/6M2012C                           | 999-0667     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| TCD2012 (MECH. GOV.)                  | 999-1162     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| BF6M1013EC/ECP/FC                     | 999-0665     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| 1015                                  | 999-0668     | PANEL HARNESS                                                                                                                                                                                                                                                                                                                         |
| ALL                                   | 999-0671     | 6 FOOT EXT. HARNESS                                                                                                                                                                                                                                                                                                                   |
| ALL                                   | 999-0727     | 20 FOOT EXT. HARNESS                                                                                                                                                                                                                                                                                                                  |
| F3L914 / D914 L3                      | 999-0673     | PANEL MTG. BRACKET (ENGINE MOUNTED)                                                                                                                                                                                                                                                                                                   |
| BF6L914C / TCD914 L6                  | 999-0655     | PANEL MTG. BRACKET (ENGINE MOUNTED)                                                                                                                                                                                                                                                                                                   |
| B/F4/5/6L/914 / D914 L4,5,6           | 999-0649     | PANEL MTG. BRACKET (ENGINE MOUNTED)                                                                                                                                                                                                                                                                                                   |
| B/F4L/M2011                           |              |                                                                                                                                                                                                                                                                                                                                       |
| B/F2/3L/M2011                         | 999-0657     | PANEL MTG. BRACKET (ENGINE MOUNTED)                                                                                                                                                                                                                                                                                                   |
| BF4/6M2012C                           | 999-0672     | PANEL MTG. BRACKET (ENGINE MOUNTED)                                                                                                                                                                                                                                                                                                   |
| BF4/6M2012C                           | 999-0639     | PANEL MTG. BRACKET (FOR OPEN POWER UNIT)                                                                                                                                                                                                                                                                                              |
| BF4/6M2012C                           | 999-0640     | PANEL MTG. BRACKET (FOR ENCLOSED POWER UNIT)                                                                                                                                                                                                                                                                                          |



**SECT. 28.1 ENGINE CONTROL PANEL (ELECTRONIC)**

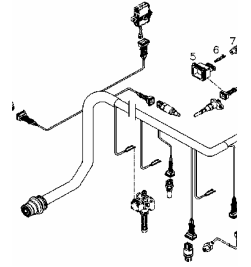
| ENGINE MODEL                          | KIT # / CODE | REMARKS                                                                                              |
|---------------------------------------|--------------|------------------------------------------------------------------------------------------------------|
| TCD2012/2013/2015                     | 999-0638     | <b>CONTROL PANEL</b> WITH MTG. ISOLATORS.<br>MTG. BRACKET AND HARNESS SOLD<br>SEPARATELY (SEE BELOW) |
| <b>Electronic Panel Repair Parts:</b> |              |                                                                                                      |
| 300602 Rocker Switch                  |              |                                                                                                      |
| 300646 Key Switch                     |              |                                                                                                      |
| 300647 Replacement key (Stamped 250)  |              |                                                                                                      |
| 300603 Fault Lamp                     |              |                                                                                                      |
| 300601 Rubber Mtg. Isolator Kit       |              |                                                                                                      |
| 300652 Isolator only                  |              |                                                                                                      |
| ALL EMR 2 / EMR 3<br>MVS ENGINES      | 999-0635     | ELECTRONIC DISPLAY PANEL ONLY                                                                        |
| ALL EMR 2 / EMR 3<br>MVS ENGINES      | 999-0636     | ELECTRONIC PEDAL ONLY                                                                                |
| TCD2012/2013                          | 999-0656     | PANEL HARNESS                                                                                        |
| TCD2015                               | 999-0647     | PANEL HARNESS                                                                                        |
| ALL EMR 3                             | 999-0800     | 8 FOOT EXT. HARNESS                                                                                  |
|                                       | 999-0916     | 18 FOOT EXT. HARNESS                                                                                 |
| TCD2012/2013/2015                     | 999-0672     | PANEL MTG. BRACKET (ENGINE MOUNTED)                                                                  |
| TCD2012/2013                          | 999-0639     | PANEL MTG. BRACKET (FOR OPEN POWER UNIT)                                                             |
| TCD2012/2013                          | 999-0640     | PANEL MTG. BRACKET (FOR ENCLOSED POWER UNIT)                                                         |



**SECT. 30.0**

**ENGINE WIRING HARNESS**

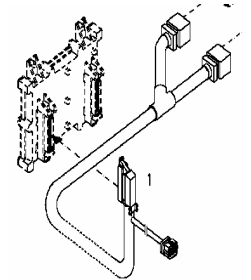
| ENGINE MODEL | KIT # / CODE    | ETL PAGE             | REMARKS                   |
|--------------|-----------------|----------------------|---------------------------|
| BF4M 2012/C  | 029-4784<br>SPL | 05076333<br>05078876 | KIT                       |
| BF6M 2012/C  | 029-4812<br>SPL | 05076375<br>05071744 | KIT<br>05071743, 05078871 |



**SECT. 30.1**

**EMR EXTENSION HARNESS**

| ENGINE MODEL    | KIT # / CODE     | ETL PAGE             | REMARKS                                                                        |
|-----------------|------------------|----------------------|--------------------------------------------------------------------------------|
| ALL 2011        | 2200-3764<br>SPL | 05079241<br>05113680 | LENGTH 5 METER (for EMR2)<br>05072493, 05072513                                |
| ALL 1013 / 2012 | 029-6452<br>SPL  | 05072493<br>05072513 | LENGTH 2.5 METER (for EMR2)<br>05076279, 05078406                              |
| ALL 1013 / 2012 | 029-6453<br>SPL  | 05072493<br>05072513 | LENGTH 5 METER (for EMR2)<br>05076279, 05078442                                |
| TCD 2012 /2013  | 028-2874<br>SPL  | 05113747<br>05072513 | LENGTH 5 METER (for EMR 3, EDC 16 controller)<br>05076279, 05113185            |
| TCD 2012 /2013  | 028-2875<br>SPL  | 05113746<br>05072513 | LENGTH 2.5 METER (for EMR 3, EDC 16 controller)<br>05076279, 05113185          |
| TCD 2015        | 2203-0301<br>SPL | 05069303<br>05072513 | LENGTH 5 METER (for EMR 3, EDC 7 controller)<br>05076785, 05076786, 05079764   |
| TCD 2015        | 2203-0302<br>SPL | 05069303<br>05072513 | LENGTH 2.5 METER (for EMR 3, EDC 7 controller)<br>05076785, 05076786, 05079763 |



**SECT. 30.2**

**ENGINE MODEL**

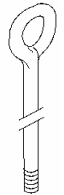
**LIFTING EYES**

**KIT # / CODE**

**ETL PAGE**

**REMARKS**

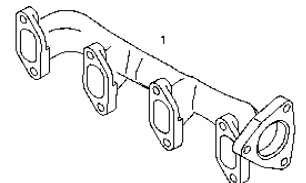
|                  |                  |                      |               |
|------------------|------------------|----------------------|---------------|
| B/F3-6L913/C/914 | 027-0935         | 05034243             | HITCH LUG M16 |
| ALL 1015         | 2201-1264<br>SPL | 05023574<br>05067847 | KIT M20       |
| ALL 2011         | 2200-1260        | 05074361<br>05067562 | KIT M12       |



**SECT. 30.3**

**EXHAUST MANIFOLD, OPENING AT FRONT  
(BLOWER END)**

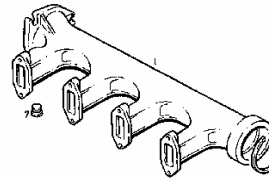
| ENGINE MODEL              | KIT # / CODE     | ETL PAGE                         | REMARKS                                           |
|---------------------------|------------------|----------------------------------|---------------------------------------------------|
| F2L/M2011 / D2011 L2 / I  | 2200-0678<br>SPL | 05074121                         | FOR ENGINES WITHOUT SIDE AIR DUCT                 |
| F3L/M2011 / D2011 L3 / I  | 2200-2307<br>SPL | 05069191                         | FOR ENGINES WITHOUT SIDE AIR DUCT                 |
| F4L/M2011                 | 2200-0680<br>SPL | 05069182                         | FOR ENGINES WITHOUT SIDE AIR DUCT                 |
| D2011 L04 I               | 2200-4773<br>SPL | 05069182<br>05114535<br>05114926 | FOR ENGINES WITHOUT SIDE AIR DUCT                 |
| D/ TD/TCD 2011 L4 / I / W |                  | *                                | *CONTACT DEUTZ APPLICATION ENGINEERING DEPARTMENT |



**SECT. 30.4**

**EXHAUST MANIFOLD, OPENING AT REAR (FLYWHEEL END)**

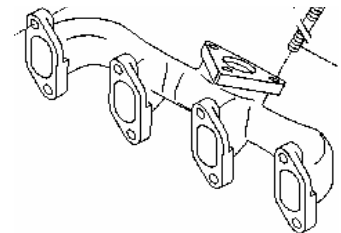
| ENGINE MODEL              | KIT # / CODE     | ETL PAGE | REMARKS                                                            |
|---------------------------|------------------|----------|--------------------------------------------------------------------|
| F6L 913/914               | 027-0877         | 05037602 | FOR ENGINES WITHOUT REAR MOUNTED FUEL TANK OR HYDRAULIC OIL COOLER |
| F3L 914                   | 027-3134<br>SPL  | 05006828 | FOR ENGINES WITHOUT REAR MOUNTED FUEL TANK OR HYDRAULIC OIL COOLER |
| F4L 913/914               | 027-3428<br>SPL  | 05004635 | FOR ENGINES WITHOUT REAR MOUNTED FUEL TANK OR HYDRAULIC OIL COOLER |
| F3L/M2011                 | 2200-0676<br>SPL | 05074050 | FOR ENGINES WITHOUT SIDE AIR DUCT                                  |
| F4L/M2011                 | 2200-0677<br>SPL | 05069181 | FOR ENGINES WITHOUT SIDE AIR DUCT                                  |
| D2011 L2 / I              | 2200-0675<br>SPL | 05074172 | FOR ENGINES WITHOUT SIDE AIR DUCT                                  |
| D2011 L3 / I              | 2200-2315<br>SPL | 05069699 | FOR ENGINES WITHOUT SIDE AIR DUCT                                  |
| D/ TD/TCD 2011 L4 / I / W |                  | *        | *CONTACT DEUTZ APPLICATION ENGINEERING DEPARTMENT                  |



**SECT. 31.1**

**EXHAUST MANIFOLD, OPENING AT CENTER OF ENGINE**

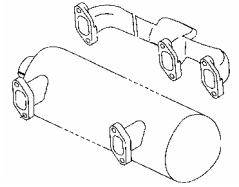
| ENGINE MODEL               | KIT # / CODE     | ETL PAGE | REMARKS                                           |
|----------------------------|------------------|----------|---------------------------------------------------|
| F5L 914                    | 027-0856<br>SPL  | 05004351 | UP OR DOWN                                        |
| F6L 913/914                | 027-0874         | 05003614 | UP OR DOWN                                        |
| F4L 913/914                | 027-2313<br>SPL  | 05004633 | UP OR DOWN                                        |
| F3L 913/914                | 027-3131         | 05006825 | UP OR DOWN                                        |
| F6L 913 / 914              | 027-0873<br>SPL  | 05003613 | UP, ENGINE W/AIR DUCT                             |
| F4L 913/914                | 027-2020         | 05004631 | CENTER DOWN                                       |
| F2L/M2011 / D2011 / L2 / I | 2200-0633<br>SPL | 05074171 | DOWN                                              |
| F3L/M2011 / D2011 / L3 / I | 2200-0634<br>SPL | 05074031 | DOWN                                              |
| F4L/M2011                  | 2200-0635<br>SPL | 05069186 | DOWN, FLANGE AT 45 DEG. ANGLE                     |
| F2L/M2011 / D2011 / L2 / I | 2200-0672        | 05074173 | UP                                                |
| F3L/M2011 / D2011 / L3 / I | 2200-0673        | 05074030 | UP                                                |
| F4L/M2011                  | 2200-0674        | 05069185 | UP, FLANGE AT 45 DEG. ANGLE                       |
| D/ TD/TCD 2011 L4 / I / W  |                  | *        | *CONTACT DEUTZ APPLICATION ENGINEERING DEPARTMENT |



**SECT. 31.2**

**EXH. MANIFOLD & MUFFLERS (FOR TURBO ENGINES)**

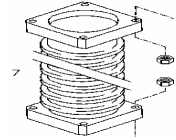
| <b>ENGINE MODEL</b> | <b>KIT # / CODE</b> | <b>ETL PAGE</b>      | <b>REMARKS</b>                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BF6L 913            | 027-2095<br>SPL     | 05006694<br>05037608 | MANIFOLD FOR FRONT MOUNTED TURBO, WITH ELBOW. IF CHANGING LOCATION OF TURBO, PROPER OIL FEED AND DRAIN COMPONENTS MUST BE ORDERED.                                                                                                                                                                                                   |
| BF6L 913            | 027-2096<br>SPL     | 05031830<br>05006694 | MANIFOLD FOR CENTER MOUNT TURBO, WITH ELBOW, IF CHANGING LOCATION OF TURBO, PROPER OIL FEED AND DRAIN COMPONENTS MUST BE ORDERED.                                                                                                                                                                                                    |
| BF4L 913SP/914      | 027-3896<br>SPL     | 05042296<br>05050292 | EXH. OUTLET TO REAR FROM TURBO                                                                                                                                                                                                                                                                                                       |
| BF4L 913SP/914      | 027-3604<br>SPL     | 05042296<br>05042282 | 90 DEGREE EXH. ELBOW MTD. ON TURBO<br>05050412                                                                                                                                                                                                                                                                                       |
| BF3-4L/M2011        | 999-0348            |                      | MUFFLER WITH ELBOW FLANGE: INCLUDING ALL MOUNTING HARDWARE AND RAIN CAP. ELBOW FLANGE HAS A FLEXIBLE STAINLESS STEEL BELLOWS IN THE CENTER. MUFFLER, INCLUDES HEAT SHEILD, MOUNTS HORIZONTALLY ON THE INTERMEDIATE HOUSING ON THE REAR OF THE ENGINE, PERPENDICULAR TO THE CRANKSHAFT WITH AN UP OUTLET AND CONDENSATION DRAIN HOLE. |



**SECT. 31.3**

**EXHAUST EXTENSION, FLEXIBLE**

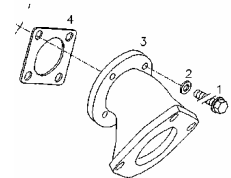
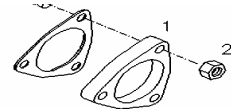
| ENGINE MODEL | KIT # / CODE     | ETL PAGE             | REMARKS                                      |
|--------------|------------------|----------------------|----------------------------------------------|
| BF6L914/C    | 027-2443<br>SPL  | 05002346<br>05002348 | INCLUDES: METAL PIPE 800 MM LONG,<br>REDUCER |
| BF6M1015/C   | 2201-1484<br>SPL | 05075584             | FLEX PIPE WITH FLANGE 293MM LONG             |
| BF8M1015/C   | 2201-0784<br>SPL | 05068688             | FLEX PIPES (2) WITH FLANGE 293MM LONG        |



**SECT. 32.1**

**EXHAUST FLANGES AND ELBOWS**

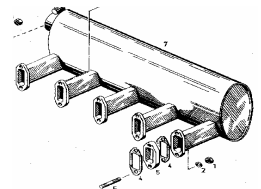
| ENGINE MODEL       | KIT # / CODE     | ETL PAGE             | REMARKS                                                                                                                |
|--------------------|------------------|----------------------|------------------------------------------------------------------------------------------------------------------------|
| F3-6L 913/914      | 027-0812         | 05034355<br>05068794 | TRIANGLE COUNTERFLANGE WITH GASKET<br>05064509                                                                         |
| BF4-6L 913/C/T/914 | 027-1591         | 05002097             | TRIANGLE COUNTERFLANGE WITH GASKET                                                                                     |
| F3-4L 913          | 027-1906<br>SPL  | 05042184             | MATING FLANGE & EXHAUST MANIFOLD<br>(SUPPLIED LOOSE)                                                                   |
| BF6M1013/E/C/P     | 029-1945<br>SPL  | 05002097<br>05078286 | 45 DEGREE ELBOW WITH FLANGE                                                                                            |
| BF6M1013/E/C/P     | 029-1949<br>SPL  | 05070507             | TRIANGLE COUNTERFLANGE WITH GASKET                                                                                     |
| BF3-4L/M2011       | 999-0218         |                      | EXHAUST ELBOW FLANGE WITH FLEXIBLE<br>STAINLESS STEEL BELLOWS IN THE CENTER,<br>U-CLAMP, GASKET AND MOUNTING HARDWARE. |
| BF6M1015/C         | 2201-1482<br>SPL | 05075581             | ELBOW & FLANGE                                                                                                         |
| BF8M1015/C         | 2201-0786<br>SPL | 05068329             | ELBOWS & FLANGE (2)                                                                                                    |
| F2-4L/M2011        | 2200-0645        | 05064190             | TRIANGLE FLANGE WITH GASKET                                                                                            |
| F2-4L/M2011        | 2200-0671        | 05067385             | 90 DEGREE ELBOW FOR MANIFOLD MUFFLER                                                                                   |
| BF4L/M2011         | 2200-0805        | 05063108             | TRIANGLE FLANGE WITH GASKET                                                                                            |



**SECT. 33.1**

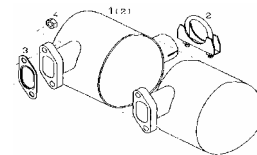
**EXHAUST MANIFOLD MUFFLER, OPENING AT REAR**

| ENGINE MODEL               | KIT # / CODE     | ETL PAGE | REMARKS                                                  |
|----------------------------|------------------|----------|----------------------------------------------------------|
| F6L 913/914                | 027-0878<br>SPL  | 05042089 | W/ OUT MOUNTED FUEL TANK,                                |
| F4L 914                    | 027-1996         | 05004578 | W/ OUT MOUNTED FUEL TANK,                                |
| F3L 913/914                | 027-3135         | 05006829 | W/ OUT MOUNTED FUEL TANK,                                |
| F5L 914                    | 027-0863<br>SPL  | 05004357 | W/ OUT MOUNTED FUEL TANK,                                |
| F2L/M2011 / D2011 / L2 / I | 2200-0580<br>SPL | 05051933 |                                                          |
| F3L/M2011 / D2011 / L3 / I | 2200-0581        | 05051795 |                                                          |
| F4L/M2011                  | 2200-0582        | 05051798 |                                                          |
| D2011 L4 I / L4 W          | *                | *        | <b>*CONTACT DEUTZ APPLICATION ENGINEERING DEPARTMENT</b> |



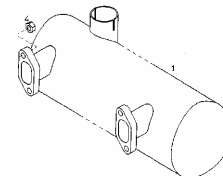
**SECT. 33.2 EXHAUST MANIFOLD MUFFLER, SIDE OPENING**

| ENGINE MODEL | KIT # / CODE     | ETL PAGE     | REMARKS |
|--------------|------------------|--------------|---------|
| F2L/M2011    | 2200-0577<br>SPL | 05051793 KIT |         |
| F3L/M2011    | 2200-0578<br>SPL | 05051796 KIT |         |
| F4L/M2011    | 2200-0579<br>SPL | 05051797 KIT |         |



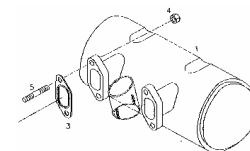
**SECT. 33.3 EXHAUST MANIFOLD MUFFLER, TOP OPENING**

| ENGINE MODEL | KIT # / CODE     | ETL PAGE                            | REMARKS |
|--------------|------------------|-------------------------------------|---------|
| F3L/M2011    | 2200-0799        | 05064321 EXHAUST SILENCER           |         |
| F4L/M2011    | 2200-0800<br>SPL | 05063493 EXHAUST SILENCER           |         |
| F3L/M 2011   | 2200-0903<br>SPL | 05064701 WITH SLIP OVER OUTLET PIPE |         |



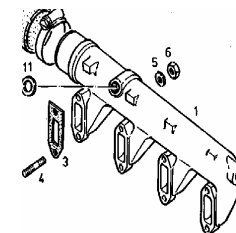
**SECT. 33.4 EXHAUST MANIFOLD MUFFLER, DOWN OUTLET**

| ENGINE MODEL | KIT # / CODE     | ETL PAGE                  | REMARKS |
|--------------|------------------|---------------------------|---------|
| F4L/M 2011   | 2200-1175<br>SPL | 05063480 EXHAUST SILENCER |         |



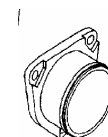
**SECT. 34.1 INTAKE MANIFOLD, SLIP-OVER, OPEN AT REAR**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE                                       | REMARKS |
|--------------|-----------------|------------------------------------------------|---------|
| F5L913 / 914 | 027-0906<br>SPL | 05004360 NOT TO BE USED WITH MOUNTED FUEL TANK |         |
| F6L 913/914  | 027-0913<br>SPL | 05003491 NOT TO BE USED WITH MOUNTED FUEL TANK |         |
| F4L 913/914  | 027-2061<br>SPL | 05004645 NOT TO BE USED WITH MOUNTED FUEL TANK |         |
| F3L 913/914  | 027-3164<br>SPL | 05006834 NOT TO BE USED WITH MOUNTED FUEL TANK |         |



**SECT. 34.3 INTAKE MANIFOLD ADAPTERS**

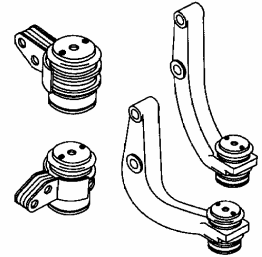
| ENGINE MODEL | KIT # / CODE    | REMARKS       |
|--------------|-----------------|---------------|
| 2011         | 999-0368<br>SPL | 2.75 DIAMETER |
| 2011         | 999-0369<br>SPL | 3.0 DIAMETER  |



**SECT. 35.1**

**MOUNTS, FLEXIBLE, SINGLE BUFFER FRONT AND REAR**

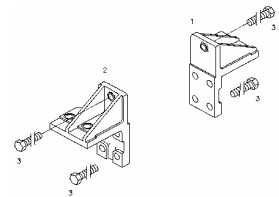
| ENGINE MODEL                | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                    |
|-----------------------------|------------------|----------------------------------|----------------------------------------------------------------------------|
| B/F6L913/C/914              | 027-0767         | 05003305<br>05003716             | CAST FOOT                                                                  |
| B/F6L913/C/914              | 027-1815<br>SPL  | 05003305<br>05034408             | STEEL FOOT, 68 SHORE                                                       |
| ALL 913/C/914               | 027-1827         | 05034408<br>05004623             | STEEL FOOT, 68 SHORE                                                       |
| B/F4L 913/C/914             | 027-3052         | 05004623<br>05003716             | CAST FOOT                                                                  |
| BF4L 913/914                | 027-4430<br>SPL  | 05004623<br>05051540             | NEW STEEL FOOT                                                             |
| B/F6L913/C/914              | 027-4796<br>SPL  | 05003305<br>05064322             | NEW STEEL FOOT                                                             |
| ALL 1013/E/2012             | 029-1418         | 05070258<br>05074783<br>05074790 | 55 SHORE, 4x FEET ONLY, 2x REAR AT HOUSING<br>05071490, 05071491, 05077164 |
| F5-6L 913/914 - B/F6L 914/C | 027-0773         | 05003305<br>05020047             | FLEX ENGINE MOUNTING                                                       |
| ALL 2011                    | 2200-0419        | 05064221<br>05067599             | 50 SHORE, REAR MOUNTED ON ADAPT. HSNG.                                     |
| ALL 2011                    | 2200-0565        | 05064224<br>05067600             | 65 SHORE, REAR MOUNTED ON ADAPT. HSNG.                                     |
| D3 / D2008L4                | 3101-0584<br>SPL | 05112317<br>05112266             | LOW LEVEL<br>ENGINE MOUNTING                                               |
| D3 / D4 / TD 2009L4         | 3101-0587<br>SPL | 05112023<br>05112266             | LOW LEVEL                                                                  |
| D3 / D4 / TD 2009L4         | 3101-0586<br>SPL | 05112192<br>05112266             | HIGH LEVEL                                                                 |



**SECT. 35.2**

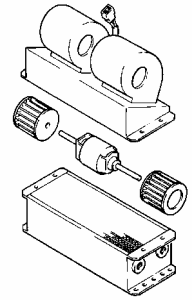
**MOUNTS, RIGID FRONT AND REAR**

| ENGINE MODEL        | KIT # / CODE     | ETL PAGE                         | REMARKS                          |
|---------------------|------------------|----------------------------------|----------------------------------|
| BF4L 913/914        | 027-3056         | 05004623<br>05034218             | BOLT ON FEET                     |
| ALL 1013/E          | 029-1412         | 05072424<br>05072473<br>05072994 | 4x FEET ONLY, 2x REAR AT HOUSING |
| ALL 1013/E          | 029-1569<br>SPL  | 05072424<br>05072994             | (2) FRONT FEET ONLY              |
| ALL 2011            | 2200-0416<br>SPL | 05067596<br>05602803             | REAR MOUNTED ON ADAPTOR HSNG.    |
| 2011                | 2200-0641<br>SPL | 05069138<br>05067594             | FRONT RIGID                      |
| 1015                | 2201-0573<br>SPL | 05067916                         | RIGID FRONT & REAR               |
| D3 / D4L2008        | 3101-0368<br>SPL | 05112317                         | LOW LEVEL                        |
| D3 / D4 / TD 2009L4 | 3101-0371<br>SPL | 05112023                         | LOW LEVEL                        |
| D3 / D4 / TD 2009L4 | 3101-0370<br>SPL | 05112192                         | HIGH LEVEL                       |



**SECT. 35.3 OIL-TO-AIR CAB HEATERS / CONNECTIONS**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE             | REMARKS                                                          |
|--------------|-----------------|----------------------|------------------------------------------------------------------|
| B/F3-6L913   | 027-1680<br>SPL | 05050346<br>05064870 | 12 VOLT, HORNKOHL & WOLF                                         |
| ALL 2011     | 2200-1534       | 05067710             | CAB HEAT CONNECTIONS (SEE ETL 05067710)                          |
| ALL 2012     | 029-5052<br>SPL | 05070228             | CAB HEAT CONNECTIONS 22MM DIA.<br>(FOR ENGINES W/OUT COMPRESSOR) |
| ALL 2012     | 029-5152<br>SPL | 05078688<br>05078689 | CAB HEAT CONNECTIONS 22MM DIA.<br>(FOR ENGINES WITH COMPRESSOR)  |



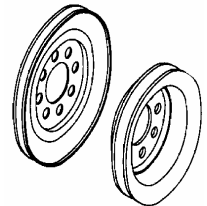
**SECT. 36.1 OIL FILTERS, REMOTE MOUNTED**

| ENGINE MODEL      | KIT # / CODE     | ETL PAGE             | REMARKS                                                 |
|-------------------|------------------|----------------------|---------------------------------------------------------|
|                   | 027-0315<br>SPL  | 05075108<br>05063570 | 1.5 LTR, SPIN ON, CONN./CABHEAT SYSTEM                  |
| B/FL 913/914      | 999-0183<br>SPL  |                      | 3 FOOT #12 HOSE, AND 2.2 LTR FILTER                     |
| B/FL 913/914/1013 | 999-0184         |                      | 3 FOOT #12 HOSE, AND 1.5 LTR FILTER                     |
| B/FL 913/914      | 999-0185<br>SPL  |                      | 3 FOOT #12 HOSE, AND 1.0 LTR FILTER                     |
| F2-3L2011         | 999-0188<br>SPL  |                      | 3 FOOT #10 HOSE, AND .6 LTR FILTER                      |
| B/F4L2011         | 999-0189<br>SPL  |                      | 3 FOOT #12 HOSE, AND .6 LTR FILTER                      |
| 2012 / 2013       | 029-5633<br>SPL  | 05078103<br>05078128 | REMOTE LUBRIC. OIL FILTER / LINES / ADAPTER<br>05111122 |
| 1015 / 2015       | 2201-0577<br>SPL | 05069379<br>05068335 | REMOTE LUBRIC. OIL FILTER / ADAPTER / (NO OIL LINES)    |



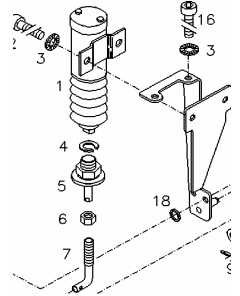
**SECT. 36.2 PULLEYS AND DRIVES FOR P.T.O. FRONT OF ENGINE**

| ENGINE MODEL | KIT # / CODE     | ETL PAGE | REMARKS                                                        |
|--------------|------------------|----------|----------------------------------------------------------------|
| F3-6L 914    | 999-0049         |          | PULLEY, 2 GROOVE FOR USE WITH DOUBLE<br>BELT DRIVE BLOWER      |
| ALL FM 2011  | 2200-0536<br>SPL | 05051755 | PULLEY FOR AIR COMPRESSOR DRIVE<br>195.25 MM CRANK PULLEY      |
| B/F2-4L2011  | 2200-0653        | 05051753 | PULLEY FOR AIR COMPRESSOR DRIVE<br>162.2 MM CRANK PULLEY       |
| B/F2-4L2011  | 2200-0654<br>SPL | 05051985 | PTO DRIVE HUB FOR HYD. OIL COOLER FAN<br>162.2 MM CRANK PULLEY |



**SECT. 36.3 SHUTDOWN, ELECTRIC, DIRECT LINKAGE RSV GOV. MOUNT**

| ENGINE MODEL | KIT # / CODE    | REMARKS                                                                                                                                                                                                                                                      |
|--------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BF4-6L 913/C | 999-0174        | RSV TYPE GOVERNOR OF INJECTION PUMP.<br>12 VOLT RIGHT HAND MOUNT, EXTERNALLY SWITCHED, 3 WIRE. MOUNTS DIRECTLY ON RSV TYPE GOVERNOR OF INJECTION PUMP.<br>(SA 999-0211 LEVER IS REQUIRED FOR BF4L 913/C; SA 999-0215 IS REQUIRED FOR BF6L 913/C APPLICATION) |
| BF4-6L 913/C | 999-0172        | 12 VOLT LEFT HAND MOUNT (SEE ABOVE DATA)                                                                                                                                                                                                                     |
| BF4-6L 913/C | 999-0175        | 24 VOLT RIGHT HAND MOUNT, EXTERNALLY SWITCHED, 3 WIRE. MOUNTS DIRECTLY ON RSV TYPE GOVERNOR OF INJECTION PUMP.<br>(SA 999-0211 LEVER IS REQUIRED FOR BF4L 913/C; SA 999-0215 IS REQUIRED FOR BF6L 913/C APPLICATION)                                         |
| BF4-6L 913/C | 999-0173        | 24 VOLT LEFT HAND MOUNT, (SEE ABOVE DATA)                                                                                                                                                                                                                    |
| BF4L 913/C   | 999-0211<br>SPL | LEVER REQUIRED WHEN APPLYING RIGHT HAND RSV MOUNT SHUTDOWN TO BF4L 913/C ENGINE                                                                                                                                                                              |
| BF6L 913/C   | 999-0215        | LEVER REQUIRED WHEN APPLYING RIGHT HAND RSV MOUNT SHUTDOWN TO BF6L 913/C ENGINE                                                                                                                                                                              |
| F6L 913      | 999-0343<br>SPL | 12V LEFT HAND MOUNT. EXTERNALLY SWITCHED 3 WIRE. MOUNTS DIRECTLY ON RSV TYPE GOVERNOR OF INJECTION PUMP.                                                                                                                                                     |



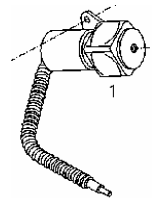
**SECT. 37.1 SHUTDOWN, ELECTRIC, DIRECT LINKAGE (ENERGIZED TO RUN)**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE             | REMARKS                                                                |
|--------------|-----------------|----------------------|------------------------------------------------------------------------|
| BF6L 913/C   | 027-4495<br>SPL | 05034422<br>05067866 | 24 V, FOR AMBIENT TEMP BELOW 130 DEG C<br>05067866, 05079416, 05075301 |
| 2012         | 029-1439<br>SPL | 05076191<br>05076186 | 24 VOLT                                                                |
| ALL 1013/E   | 029-1441<br>SPL | 05076189<br>05076186 | 24 VOLT                                                                |



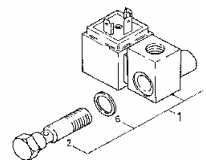
**SECT. 37.2 SHUTDOWN, ELECTRIC, DIRECT LINKAGE (ENERGIZED TO RUN)**

| ENGINE MODEL          | KIT # / CODE    | ETL PAGE             | REMARKS                                           |
|-----------------------|-----------------|----------------------|---------------------------------------------------|
| F6L 913               | 027-4482<br>SPL | 05034420<br>05067866 | 24 VOLT, AMBIENT TEMP BELOW 130 DEG C<br>05075301 |
| F6L 913               | 027-0450<br>SPL | 05034420<br>05067866 | 12 VOLT, AMBIENT TEMP BELOW 80 DEG C<br>05075300  |
| F3/5L914              | 027-7436<br>SPL | 05079469             | 24 VOLT, FOR AMBIENT TEMP BELOW 125 DEG C         |
| F4/6L914              | 027-7174<br>SPL | 05075408             | 24 VOLT, FOR AMBIENT TEMP BELOW 125 DEG C         |
| BF4-6L914/C/TCD914 L6 | 027-7039        | 05075285<br>05075408 | 24 VOLT, FOR AMBIENT TEMP BELOW 125 DEG C         |
| D914 L05              | 027-8729        | 05116050<br>05072237 | 24 VOLT, FOR AMBIENT TEMP BELOW 125 DEG C         |
| D914 L4 / L6          | 027-8727        | 05116048<br>05072237 | 24 VOLT, FOR AMBIENT TEMP BELOW 125 DEG C         |



**SECT. 37.3 SHUTDOWN, ELECTRIC, FUEL SHUTOFF VALVE (ENERGIZED TO RUN)**

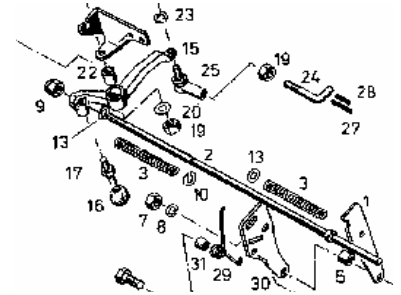
| ENGINE MODEL | KIT # / CODE | ETL PAGE | REMARKS |
|--------------|--------------|----------|---------|
| B/F3-6L913/C | 027-3580     | 05113019 | 12 VOLT |
| B/F3-6L913/C | 027-3581     | 05042763 | 24 VOLT |



**SECT. 38.1**

**SHUTDOWN, MECHANICAL, ACTUATED BY BLOWER V-BELT FAILURE**

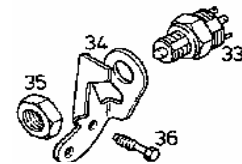
| ENGINE MODEL | KIT # / CODE    | ETL PAGE                         | REMARKS                                                          |
|--------------|-----------------|----------------------------------|------------------------------------------------------------------|
| F6L 913      | 027-0493<br>SPL | 05003783<br>05034247<br>05075147 | FOR SINGLE-BELT BLOWER<br>DRIVE W/OUT IDLER PULLEY,              |
| F6L 913      | 027-0494        | 05003801<br>05034247<br>05050267 | FOR DOUBLE-BELT BLOWER<br>DRIVE W/OUT IDLER PULLEY,              |
| BF6L 913/C   | 027-2322        | 05034247<br>05006572<br>05006639 | FOR DOUBLE-BELT BLOWER DRIVE;<br>W/OUT IDLER PULLEY,<br>05042276 |
| F3L 913      | 027-2909<br>SPL | 05034247<br>05006784<br>05075146 | FOR SINGLE-BELT BLOWER DRIVE;<br>W/OUT IDLER PULLEY,             |
| F3L 913      | 027-2910        | 05034247<br>05006785<br>05051849 | FOR DOUBLE-BELT BLOWER DRIVE;<br>W/OUT IDLER PULLEY,             |
| F4L 913      | 027-2914<br>SPL | 05034247<br>05004530<br>05075146 | FOR SINGLE-BELT BLOWER DRIVE;<br>W/OUT IDLER PULLEY,             |
| F4L 913      | 027-2915        | 05034247<br>05004532<br>05051849 | FOR DOUBLE-BELT BLOWER DRIVE;<br>W/OUT IDLER PULLEY,             |



**SECT. 39.1**

**SHUTDOWN MONITOR, V-BELT FAILURE SWITCH, 3- PRONG**

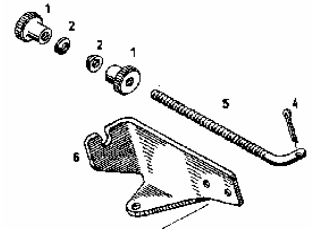
| ENGINE MODEL           | KIT # / CODE | ETL PAGE                         | REMARKS                                                             |
|------------------------|--------------|----------------------------------|---------------------------------------------------------------------|
| B/F3-6L 913/C/F5-6L914 | 027-0489     | 05031763<br>05031765<br>05034247 | NORMALLY CLOSED, CAN BE REWIRED TO BE<br>NORMALLY OPEN;<br>05075147 |



**SECT. 39.2**

**SPEED CONTROL, FINE ADJUSTMENT**

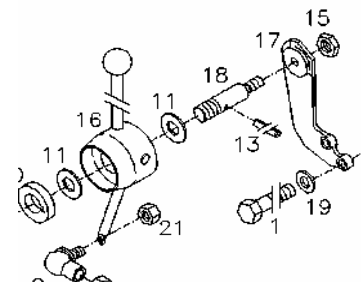
| ENGINE MODEL                     | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                |
|----------------------------------|------------------|----------------------------------|------------------------------------------------------------------------|
| B/F3-6L 913/C                    | 027-0411<br>SPL  | 05003543                         | FOR ENGINES NOT EQUIPPED W/ MECHANICAL,<br>MANUAL OR SOLENOID SHUTDOWN |
| B/FL914 / D914 L3, L5            | 027-7200<br>SPL  | 05079593                         | FOR ENGINES NOT EQUIPPED W/ MECHANICAL,<br>MANUAL OR SOLENOID SHUTDOWN |
| B/F3-6L 913/C                    | 027-0413         | 05003544                         | FOR ENGINES EQUIPPED W/ MECHANICAL,<br>MANUAL OR SOLENOID SHUTDOWN     |
| B/FL914 / D914 L4<br>D/TCD914 L6 | 027-7201<br>SPL  | 05075394                         | FOR ENGINES EQUIPPED W/ MECHANICAL,<br>MANUAL OR SOLENOID SHUTDOWN     |
| 913                              | 027-2333<br>SPL  | 05006575                         | FINE ADJUSTMENT                                                        |
| BF6L 913/C                       | 027-2334<br>SPL  | 05006576                         | FOR ENGINES EQUIPPED W/ MECHANICAL,<br>MANUAL OR SOLENOID SHUTDOWN     |
| ALL 1013/E                       | 029-1443<br>SPL  | 05070164<br>05071912             | WITHOUT MOUNTING BRACKET, WHICH<br>IS STANDARD.                        |
| ALL 1015                         | 2201-1035<br>SPL | 05068399<br>05068340<br>05068400 | MANUAL FINE SPEED                                                      |



**SECT. 39.3**

**SPEED CONTROL, HAND THROTTLE MOUNTED ON ENGINE**

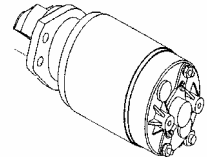
| ENGINE MODEL        | KIT # / CODE     | ETL PAGE                         | REMARKS               |
|---------------------|------------------|----------------------------------|-----------------------|
| F3L914 / D914 L3    | 027-7425<br>SPL  | 05079547                         | SPEED ADJUSTMENT      |
| F4L914 / D914 L4    | 027-7426<br>SPL  | 05079550                         | SPEED ADJUSTMENT      |
| F5L914 / D914 L5    | 027-7424<br>SPL  | 05079475                         | SPEED ADJUSTMENT      |
| F6L 914 / D914 L6   | 027-7186<br>SPL  | 05075421                         | SPEED ADJUSTMENT      |
| BF6L914             | 027-7187<br>SPL  | 05079326                         | SPEED ADJUSTMENT      |
| BF6L914C            | 027-7188<br>SPL  | 05075422                         | SPEED ADJUSTMENT      |
| TCD914 L6           | 027-8568<br>SPL  | 05113310                         | SPEED ADJUSTMENT      |
| F4L913              | 027-2824         | 05032691                         | SPEED ADJUSTMENT      |
| F6L 913             | 027-1239         | 05032694                         | SPEED ADJUSTMENT      |
| BF6L 913/C          | 027-4200         | 05023345<br>05032682             | SPEED ADJUSTMENT      |
| ALL 2011            | 2200-3442<br>SPL | 05079021<br>05077853             | (90 DEG. ANGLE LEVER) |
| D914 L3 / TCD914 L6 | 027-0412         | 05075169                         | WITH BOWDEN CABLE     |
| 1015                | 2201-1035<br>SPL | 05068399<br>05068340<br>05068400 | WITH BOWDEN CABLE     |



**SECT. 40.1**

**STARTER, 12 VOLT**

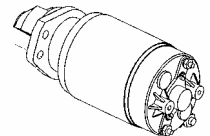
| ENGINE MODEL    | KIT # / CODE     | ETL PAGE             | REMARKS                                                 |
|-----------------|------------------|----------------------|---------------------------------------------------------|
| 913 / 914       | 027-5597<br>SPL  | 05069739             | 3 KW                                                    |
| ALL 1013        | 029-0917<br>SPL  | 05070666<br>05071107 | 3 kw<br>05072571, 05072725                              |
| 1013/2012/2013  | 029-4196<br>SPL  | 05070197<br>05078342 | 3.0 KW DUST PROTECTED W/OUT SHIELD                      |
| 1013/2012/2013  | 029-6343<br>SPL  | 05078342<br>05077966 | 3.0 KW DUST PROTECTED WITH HEAT SHIELD<br>05070157      |
| ALL 2011        | 2200-3222        | 05079244<br>05079277 | 2.6 KW                                                  |
| ALL 2011        | 2200-2460<br>SPL | 05079247             | 4.0 KW (12 VOLT HEAVY DUTY)                             |
| ALL 2011        | 2200-3499<br>SPL | 05079245<br>05079277 | 12V 2.6 KW, DUST PROTECTED W/OUT SHIELD                 |
| ALL 2011        | 2200-3500<br>SPL | 05069189<br>05079245 | 12V 2.6 KW, DUST PROTECTED WITH HEAT SHIELD<br>05079277 |
| ALL 2011        | 2200-2027<br>SPL | 05069189             | (HEAT SHIELD ONLY)                                      |
| All 2008 / 2009 | 3101-0353<br>SPL | 05112024             | 12V 2.0 KW                                              |



**SECT. 40.2**

**STARTER 24 VOLT**

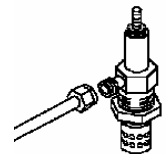
| ENGINE MODEL   | KIT # / CODE     | ETL PAGE             | REMARKS                         |
|----------------|------------------|----------------------|---------------------------------|
| 913 / 914      | 027-0457         | 05069740             | 4.0 KW                          |
| BF6L 913/C     | 027-0461<br>SPL  | 05003655<br>05027024 | 5.4 KW                          |
| 1013/2012/2013 | 029-3632<br>SPL  | 05070157<br>05078343 | 4.0 KW DUST / WATER PROTECTED   |
| ALL 2011       | 2200-3501<br>SPL | 05079246<br>05079278 | 4.0 KW DUST PROTECTED           |
| TCD2015 V6/V8  | 2203-0828<br>SPL |                      | 6.6 KW DUST AND WATER PROTECTED |



**SECT. 40.3**

**STARTING AID, INTAKE PREHEAT, FLAME TYPE**

| ENGINE MODEL     | KIT # / CODE    | ETL PAGE             | REMARKS                                                                                                |
|------------------|-----------------|----------------------|--------------------------------------------------------------------------------------------------------|
| B/F3-6L 913/C    | 027-0823        | 05116002<br>05003471 | 12 VOLT; INTAKE OPENING @ BLOWER END<br>05003735, 05091015, 05034248, 05003743, 05075190, 05075022     |
| B/F3-6L 913/C    | 027-0824        | 05003471<br>05005912 | 24 VOLT; INTAKE OPENING @ BLOWER END<br>05031677, 05003743, 05075297, 05063952, 05075305               |
| F6L 913          | 027-0833<br>SPL | 05003471<br>05003735 | 12 VOLT; INTAKE OPENING @ FLYWHEEL END<br>05091015, 05003804, 05034248, 05003743<br>05075190, 05075022 |
| F4L 913          | 027-3294<br>SPL | 05003471<br>05003735 | 12 VOLT; INTAKE OPENING @ FLYWHEEL END<br>05091015, 05034248, 05006962, 05003743<br>05075190, 05075022 |
| BF4L913          | 027-5736<br>SPL | 05003471<br>05034248 | 12 VOLT, W/DIAPHRAGM FUEL LIFT PUMP<br>05050239, 05069742                                              |
| BF4L 913         | 027-3663<br>SPL | 05003471<br>05003735 | 12 VOLT: INTAKE OPENING AT FLYWHEEL END<br>05091015, 05034248, 05050239, 05003743, 05075190, 05075022  |
| F3L914 / D914 L3 | 027-7359        | 05034248<br>05063953 | 12 VOLT, INTAKE OPENING BLOWER END<br>05079590                                                         |



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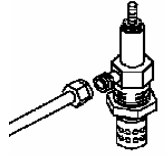
CHECK WITH DC-NORCROSS FOR LEAD TIME ON ITEMS WITH 'SPL' STOCK CODE

REV. 01/2009

**SECT. 40.3**

**STARTING AID, INTAKE PREHEAT, FLAME TYPE**

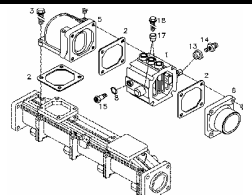
| ENGINE MODEL         | KIT # / CODE     | ETL PAGE             | REMARKS                                             |
|----------------------|------------------|----------------------|-----------------------------------------------------|
| F4L914 / D914 L4     | 027-7360         | 05034248<br>05063953 | 12 VOLT, INTAKE OPENING BLOWER END<br>05079552      |
| F5L914 / D914 L5     | 027-7510         | 05034248<br>05079906 | 12 VOLT, INTAKE OPENING BLOWER END<br>05063953      |
| F4L914 / D914 L4     | 027-7361<br>SPL  | 05034248<br>05063953 | 12 VOLT, INTAKE OPENING FLYWHEEL END<br>05079553    |
| F5L914 / D914 L5     | 027-7511         | 05063954<br>05075297 | 24 VOLT, INTAKE OPENING BLOWER END<br>05079906      |
| F6L914 / D914 L6     | 027-7217         | 05034248<br>05063953 | 12 VOLT, INTAKE OPENING BLOWER END<br>05113352      |
| F6L914 / D914 L6     | 027-7105<br>SPL  | 05075297<br>05063954 | 24 VOLT, INTAKE OPENING BLOWER END<br>05113352      |
| F6L914 / D914 L6     | 027-7219<br>SPL  | 05034248<br>05063953 | 12 VOLT: INTAKE OPENING AT FLYWHEEL END<br>05113353 |
| F6L914 / D914 L6     | 027-7218<br>SPL  | 05075297<br>05063954 | 24 VOLT: INTAKE OPENING AT FLYWHEEL END<br>05113353 |
| BF4L914              | 027-7466         | 05034248<br>05063953 | 12 VOLT CENTER TURBO<br>05079591                    |
| BF6L914C / TCD914 L6 | 027-7150         | 05034248<br>05063953 | 12 VOLT<br>05113354                                 |
| BF6L914C / TCD914 L6 | 027-7149<br>SPL  | 05075297<br>05063954 | 24 VOLT<br>05113354                                 |
| BF4L 914             | 027-7467         | 05075297<br>05063954 | 24 VOLT ( CENTER TURBO )<br>05079591                |
| BF6M 1015/C/CP       | 2201-2552<br>SPL | 05067834<br>05075709 | W/OUT TIMER CONTROL UNIT<br>05077234, 05078388      |
| BF6M 1015/C/CP       | 2201-0664<br>SPL | 05067834<br>05075709 | WITH TIMER CONTROL UNIT<br>05072905, 05079628       |
| BF8M 1015/C/CP       | 2201-2553<br>SPL | 05067834<br>05075710 | W/OUT TIMER CONTROL UNIT<br>05077234, 05078388      |
| BF8M 1015/C/CP       | 2201-0667<br>SPL | 05067834<br>05075710 | WITH TIMER CONTROL UNIT<br>05072905, 05079628       |
| TCD2015 - V6         | 2203-0279<br>SPL | 05078609<br>05079722 | W/OUT TIMER CONTROL UNIT<br>05079827                |
| TCD2015 - V8         | 2203-0280<br>SPL | 05078609<br>05079722 | W/OUT TIMER CONTROL UNIT<br>05079828                |



**SECT. 40.5**

**STARTING AID, INTAKE MANIFOLD PREHEATER (FLANGE STYLE)**

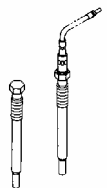
| ENGINE MODEL | KIT # / CODE    | REMARKS                                   |
|--------------|-----------------|-------------------------------------------|
| ALL 2012     | 999-0161        | MANIFOLD HEATER CONTROL UNIT & RELAY, 12V |
| ALL 2012     | 999-0165<br>SPL | MANIFOLD HEATER CONTROL UNIT & RELAY, 24V |



**SECT. 41.1**

**STARTING AID, PENCIL TYPE GLOW PLUG**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE                         | REMARKS                                                                                                           |
|--------------|-----------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| BF4M1013/E/C | 029-2685<br>SPL | 05051776<br>05070225<br>05071693 | 12 VOLT, INCLUDES STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05071707, 05111190, 05074490 |
| BF4M1013/E/C | 029-2686<br>SPL | 05037960<br>05070279<br>05071693 | 24 VOLT, INCLUDES STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05071707, 05074490, 05111090 |



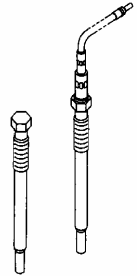
**CONTINUED ON NEXT PAGE**

CHECK WITH DC-NORCROSS FOR LEAD TIME ON ITEMS WITH 'SPL' STOCK CODE

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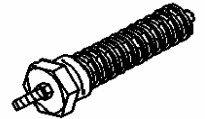
**SECT. 41.1 STARTING AID, PENCIL TYPE GLOW PLUG**

| ENGINE MODEL   | KIT # / CODE    | ETL PAGE                         | REMARKS                                                                                                           |
|----------------|-----------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| BF4M1013/E/C   | 029-2687<br>SPL | 05070225<br>05071693<br>05071707 | 12 VOLT, WITHOUT STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05111190, 05074490            |
| BF4M1013/E/C   | 029-2688<br>SPL | 05070279<br>05071693<br>05071707 | 24 VOLT, WITHOUT STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05074490, 05111090            |
| BF6M1013/E/C/P | 029-2698<br>SPL | 05051776<br>05070225<br>05071694 | 12 VOLT, INCLUDES STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05071708, 05111190, 05074490 |
| BF6M1013/E/C/P | 029-2699<br>SPL | 05037960<br>05070279<br>05071694 | 24 VOLT, INCLUDES STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05071708, 05074490, 05111090 |
| BF6M1013/E/C/P | 029-2700<br>SPL | 05070225<br>05071694<br>05071708 | 12 VOLT, WITHOUT STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05111190, 05074490            |
| BF6M1013/E/C/P | 029-2701<br>SPL | 05070279<br>05071694<br>05071708 | 24 VOLT, WITHOUT STARTING ACCESSORIES,<br>AND AMBIENT TEMP. SENSOR CONTROL UNIT.<br>05074490, 05111090            |



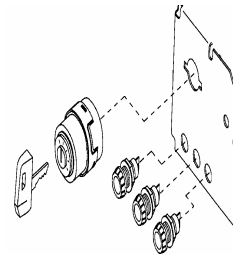
**SECT. 41.2 STARTING AID, MANIFOLD HEATER PLUG**

| ENGINE MODEL | KIT # / CODE     | ETL PAGE                         | REMARKS                                                                                                            |
|--------------|------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| ALL 2011     | 2200-1890        | 05063365<br>05063419             | 12 VOLT, WITHOUT STARTING ACCESSORIES,<br>W/O AMBIENT TEMP. SENSOR CONTROL UNIT,<br><b>WITH SINGLE GLOW PLUG.</b>  |
| ALL 2011     | 2200-1905        | 05063365<br>05063419<br>05074134 | 12 VOLT, WITHOUT STARTING ACCESSORIES,<br>WITH AMBIENT TEMP. SENSOR CONTROL UNIT,<br><b>WITH SINGLE GLOW PLUG.</b> |
| ALL 2011     | 2200-1907        | 05068224<br>05074136             | 12 VOLT, WITHOUT STARTING ACCESSORIES,<br>WITH AMBIENT TEMP. SENSOR CONTROL UNIT,<br><b>WITH DUAL GLOW PLUG.</b>   |
| B/FL/FM 2011 | 2200-1908<br>SPL | 05068225<br>05074129             | 24 VOLT 2 GLOW PLUGS, W/TIMER RELAY                                                                                |



**SECT. 41.3 STARTING ACCESSORIES, 12 VOLT**

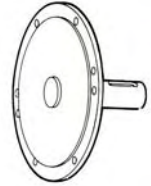
| ENGINE MODEL                   | KIT # / CODE    | ETL PAGE                         | REMARKS                                                                                                                        |
|--------------------------------|-----------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| B/F3-6L 913/C/914<br>TCD914 L6 | 027-1365<br>SPL | 05002414<br>05003736<br>05003725 | FOR INTAKE PREHEAT; KIT INCLUDES: KEY<br>SWITCH, KEY, LIGHTS, CONNECTORS<br>05016187, 05022913                                 |
| B/F3-6L 913/C/914<br>TCD914 L6 | 027-1367        | 05002414<br>05003736<br>05003725 | FOR W/O INTAKE PREHEAT; KIT INCLUDES:<br>KEY SWITCH, KEY, LIGHTS, CONNECTORS<br>05004427, 05016186                             |
| ALL 914                        | 027-1368<br>SPL |                                  | 24 VOLT                                                                                                                        |
| ALL 1013/E                     | 029-1430<br>SPL | 05070159<br>05051776             | FOR WITH OR WITHOUT INTAKE PREHEAT; INCL:<br>KEY SWITCH, KEY, CHARGE INDICATOR LIGHT,                                          |
| ALL 2011                       | 2200-1887       | 05051775<br>05068223             | FOR WITH OR W/O INTAKE PREHEAT; INCLUDES<br>KEY SWITCH, 2 KEYS, SPADE CONNECTORS, OIL TEMPERATURE<br>INDICATOR LIGHT AND BULB. |



**SECT. 42.1**

**STUBSHAFT, FRONT MOUNT**

| ENGINE MODEL  | KIT # / CODE | REMARKS                                |
|---------------|--------------|----------------------------------------|
| ALL 2011      | 999-0176     | 3" X .375" KEYWAY 1.5" DIAMETER SHAFT  |
| ALL 913 / 914 | 999-0177     | 3" X .5" KEYWAY, 1.875" DIAMETER SHAFT |



**SECT. 42.2**

**STUBSHAFT, REAR MOUNT**

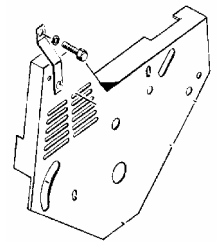
| ENGINE MODEL  | KIT # / CODE    | REMARKS                              |
|---------------|-----------------|--------------------------------------|
| ALL 913 / 914 | 999-0028        | FOR SAE 10/11.5 FLYWHEEL             |
| 1013          | 999-0028        | 6.5 X .37 KEYWAY, 1.75 DIAMETER SHA  |
| 2011          | 999-0028        | FOR SAE 8/10-10/11.5 FLYWHEEL        |
| 2011          | 999-0026<br>SPL | FOR SAE 10 FLYWHEEL                  |
|               |                 | FOR SAE 6.5 FLYWHEEL, 5 X .37 KEYWAY |
|               |                 | 1.5 DIAMETER SHAFT                   |



**SECT. 42.4**

**V-BELT GUARDS**

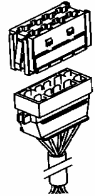
| ENGINE MODEL                | KIT # / CODE     | ETL PAGE             | REMARKS                                                                      |
|-----------------------------|------------------|----------------------|------------------------------------------------------------------------------|
| BF4L 913/914                | 027-6433<br>SPL  | 05069745             | FOR ENGINES WITH BOSCH ALTERNATORS                                           |
| BF6L 913/914/C / TCD914 L6  | 027-2595         | 05027699<br>05027716 | FOR ENGINES WITHOUT MOUNTED OIL BATH<br>AIR CLEANER SA 27-7362.              |
| F6L914                      | 027-2596<br>SPL  | 05027716             | FOR ENGINES WITHOUT MOUNTED OIL BATH<br>AIR CLEANER (STEEL)                  |
| F6L914 / D914 L6            | 027-0595<br>SPL  | 05027699<br>05027700 | ALUMINUM                                                                     |
| F3-4L 913/914               | 027-6432<br>SPL  | 05069744             | FOR ENGINES WITH BOSCH ALTERNATORS (STEEL)                                   |
| F3-4L 913/914 / D914 L3, L4 | 027-2931<br>SPL  | 05068795             | FOR ENGINES WITH BOSCH ALT. WELDED SHEET<br>METAL. (STEEL)                   |
| GBF6L913C/BF6L 914/C        | 999-0397         |                      | BELT GUARD KIT                                                               |
| ALL FL 2011                 | 2200-0248        | 05063178             | FOR ENGINES WITHOUT HYDRAULIC PUMP AND<br>OR AIR COMPRESSOR                  |
| ALL FL 2011                 | 2200-0783        | 05063179             | FOR ENGINES WITH HYDRAULIC PUMP AND OR<br>AIR COMPRESSOR                     |
| D2011 L2 I / L3 I / L4 I    | 2200-3232        | 05074298             | FOR ENGINES WITHOUT HYDRAULIC PUMP                                           |
| TD2011 L4 I                 | 2200-4944<br>SPL | 05119055             | FOR ENGINES WITH HYDRAULIC PUMP DRIVE                                        |
| TD2011 L4 I                 | 2200-4945<br>SPL | 05119051             | FOR ENGINES WITHOUT HYDRAULIC PUMP DRIVE                                     |
| D2008 L3                    | 3101-0691        |                      | FOR FAN DIAMETER 380MM BORG WARNER                                           |
| D2008 L4                    | 3101-0689        |                      | FOR FAN DIAMETER 380MM BORG WARNER                                           |
| D2009 L3                    | 3101-0687        | 05112296<br>05112497 | FOR FAN DIAMETER 380MM BORG WARNER                                           |
| D2009 L4                    | 3101-0685        | 05112296<br>05112465 | FOR FAN DIAMETER 380MM BORG WARNER<br>WITH SIDE DRIVE COVER AND GUARD PLATES |
| D2009 L4                    | 3101-0686        | 05112465             | FOR FAN DIAMETER 380MM BORG WARNER<br>WITH SIDE DRIVE COVER                  |



**SECT. 42.5**

**WIRING COUNTERPLUGS**

| ENGINE MODEL | KIT # / CODE     | ETL PAGE             | REMARKS                                                              |
|--------------|------------------|----------------------|----------------------------------------------------------------------|
| ALL 914      | 999-0904<br>SPL  |                      | COUNTER PLUG FOR ENGINE WIRING HARNESS                               |
| ALL 913      | 2200-0499<br>SPL | 05051778             | COUNTER PLUG FOR ENGINE WIRING HARNESS                               |
| ALL 1013/E   | 029-1342<br>SPL  | 05071488             | COUNTER PLUG, FOR ENG W/ WIRING HARNESS                              |
| ALL 1013/E   | 029-1554<br>SPL  | 05071488<br>05071489 | FOR ENGINE HARNESS AND GLOW PLUG                                     |
| ALL 913/2011 | 2200-1650<br>SPL | 05074150             | COUNTER PLUG FOR FUEL SOLENOID                                       |
| ALL 2011     | 2200-1659        | 05068115             | COUNTER PLUG FOR ENGINE WIRING HARNESS                               |
| 1015         | 2201-1254<br>SPL | 05069272<br>05069303 | FOR ENGINE WIRING HARNESS & GLOW PLUG                                |
| ALL 2012     | 029-5103<br>SPL  | 05076330<br>05076331 | COUNTER PLUG KIT, FOR WIRING HARNESS<br>05077699, 05077234           |
| ALL 2012     | 029-5106         | 05070621<br>05071486 | COUNTER PLUG KIT, SENSORS & SWITCHES<br>05076331, 05077699, 05077234 |
| ALL 2012     | 029-4817<br>SPL  | 05076330             | COUNTER PLUG ONLY (HARNESS TO PANEL)                                 |



**SECT. 42.6**

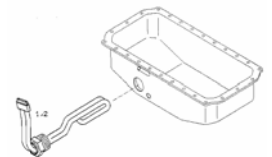
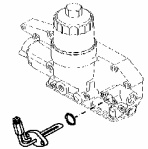
**ENGINE MODEL**

**ENGINE HEATERS**

**KIT # / CODE**

**REMARKS**

|             |                 |                                                                                |
|-------------|-----------------|--------------------------------------------------------------------------------|
| 1013 / 2012 | 030-3154        | <b>CONNECTS TO OIL COOLER HOUSING</b><br>750 WATT 120 VOLT W/ 5 FOOT CORD.     |
| 2011        | 030-3152        | OIL PAN PRE-HEATER 120 VOLT 150 WATT<br>(FOR <b>48MM</b> OIL PAN PLUG OPENING) |
| 2011        | 030-3153        | OIL PAN PRE-HEATER 120 VOLT 150 WATT<br>(FOR <b>22MM</b> OIL PAN PLUG OPENING) |
| 913/914     | 003-2205        | OIL PAN HEATER (CLAMP ON) UNIVERSAL                                            |
| 2008 / 2009 | 030-0235<br>SPL | BLOCK HEATER 110 VOLT 400 WATT                                                 |



**SECT. 43.2**

**ENGINE MODEL**

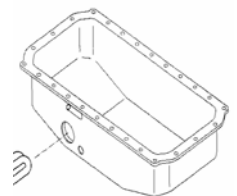
**OIL PANS / OIL DIPSTICKS**

**KIT # / CODE**

**ETL PAGE**

**REMARKS**

|                            |                 |                      |                                                     |
|----------------------------|-----------------|----------------------|-----------------------------------------------------|
| BF4M 2012/C                | 029-4525<br>SPL | 05113579<br>05113580 | CAST IRON OIL PAN<br>05072823, 05078908             |
| BF4M 2012/C                | 029-4681<br>SPL | 05070793<br>05077680 | DIPSTICK FOR CAST IRON OIL PAN<br>05074909          |
| BF4M 2012/C<br>BF6M 2012/C | 029-4680<br>SPL | 05072983<br>05077680 | EXTENDED DIPSTICK FOR STD. 4530 OIL PAN<br>05074909 |



**SECT. 43.3**

**OIL DRAIN VALVES**

**ENGINE MODEL**

**KIT # / CODE**

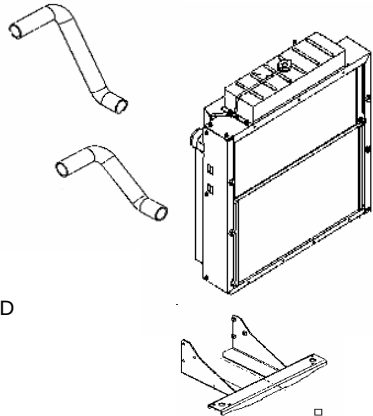
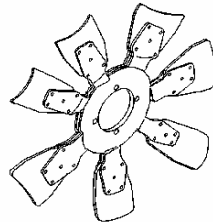
**REMARKS**

|                                  |         |                                           |
|----------------------------------|---------|-------------------------------------------|
| 1011F / 2011/ 2012 / 1013 / 2013 | 9991208 | 18 MM OIL DRAIN VALVE 1.5 THREAD W/NIPPLE |
| ALL 2008/2009                    | 9991209 | 14 MM OIL DRAIN VALVE 1.5 THREAD W/NIPPLE |
| ALL 1015 / 2015                  | 9991210 | 30 MM OIL DRAIN VALVE 1.5 THREAD W/NIPPLE |
| ALL 914                          | 9991211 | 22 MM OIL DRAIN VALVE 1.5 THREAD W/NIPPLE |



**SECT. 43.4**

**RADIATORS (POWER PAC COOLING PACKAGES)**

| ENGINE MODEL                | KIT # / CODE         | REMARKS                                                                                                                                                          |    |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| BF4M2012                    | 999-2088             | RADIATOR, EXPANSION TANK<br>FAN SHROUD, FAN GUARD<br>COMPLETE BRACKET KIT,<br>MOUNTING HARDWARE, HOSES                                                           |                                                                                       |
| BF4M2012C                   | 999-2089             | RADIATOR, EXPANSION TANK<br>CHARGE AIR COOLER, FAN SHROUD<br>FAN GUARD, HOSES<br>CHARGE AIR COOLER PIPING KIT<br>MOUNTING HARWARE                                |                                                                                       |
| BF6M2012C                   | 999-2090             | RADIATOR, EXPANSION TANK, CHARGE AIR COOLER, FAN SHROUD<br>FAN GUARD, COMPLETE BRACKET KIT, MOUNTING HARDWARE, HOSES<br>CHARGE AIR COOLER PIPING KIT             |                                                                                       |
| TCD2012 L4 2V / 2M          | 999-0948             | RADIATOR, EXPANSION TANK, CHARGE AIR COOLER, FAN SHROUD<br>FAN GUARD, COMPLETE BRACKET KIT, MOUNTING HARDWARE, HOSES<br>CHARGE AIR COOLER PIPING KIT             |                                                                                       |
| TCD2012 L6 2V               | 999-0949             | RADIATOR, EXPANSION TANK, CHARGE AIR COOLER, FAN SHROUD<br>FAN GUARD, COMPLETE BRACKET KIT, MOUNTING HARDWARE, HOSES<br>CHARGE AIR COOLER PIPING KIT             |                                                                                       |
| TCD2013 L6 2V               | 999-0950             | RADIATOR, EXPANSION TANK, CHARGE AIR COOLER, FAN SHROUD<br>FAN GUARD, COMPLETE BRACKET KIT, MOUNTING HARDWARE, HOSES<br>CHARGE AIR COOLER PIPING KIT             |                                                                                       |
| TCD2013 L6 4V               | 999-0951             | RADIATOR, EXPANSION TANK, CHARGE AIR COOLER, FAN SHROUD<br>FAN GUARD, COMPLETE BRACKET KIT, MOUNTING HARDWARE, HOSES<br>CHARGE AIR COOLER PIPING KIT, BELT GUARD |                                                                                       |
| D/TD2011 L4                 | 999-0957             | COMPLETE RADIATOR ASSY, OVERFLOW BOTTLE<br>COMPLETE BRACKET KIT, MOUNTING HARDWARE, HOSES                                                                        |                                                                                       |
| TCD2011 L4                  | 999-0958             | COMPLETE RADIATOR ASSY, CHARGE AIR COOLER , PIPING<br>OVERFLOW BOTTLE, COMPLETE BRACKET KIT<br>MOUNTING HARDWARE, HOSES                                          |                                                                                       |
| D/TD/TCD2011 L4             | 999-0961<br>999-0962 | PUSHER FAN<br>PULLER FAN                                                                                                                                         |  |
| BF4M2012 / C / TCD2012 L4 M | 999-0906<br>999-0907 | PUSHER FAN<br>PULLER FAN                                                                                                                                         |                                                                                       |
| BF6M2012C / TCD2012 L4 2V   | 999-0908<br>999-0909 | PUSHER FAN<br>PULLER FAN                                                                                                                                         |                                                                                       |
| TCD2012 L6 2V               | 999-0911<br>999-0912 | PUSHER FAN<br>PULLER FAN                                                                                                                                         |                                                                                       |
| TCD2013 L6 2V               | 999-0914<br>999-0910 | PUSHER FAN<br>PULLER FAN                                                                                                                                         |                                                                                       |
| TCD2013 L6 4V               | 999-0913<br>999-0910 | PUSHER FAN<br>PULLER FAN                                                                                                                                         |                                                                                       |

**SECT. 43.5**

**RADIATORS (SPECIAL APPLICATION, NOT POWER PAC)**

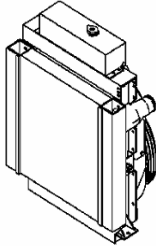
**ENGINE MODEL**

**KIT # / CODE**

**REMARKS**

BF4M2012

999-0494



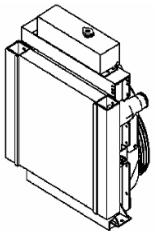
**RADIATOR (AKG) WITH HYDRAULIC OIL COOLER**  
 REQUIRES PIPE KIT 999-0493 (UNLESS CUSTOMER SUPPLIES)

**THE FOLLOWING KITS ARE REQUIRED UNLESS ENGINE CONFIGURATION MATCHES BOM #6630**  
 REQUIRES SUCTION FAN KIT 29-2478  
 REQUIRES FAN HEIGHT OF 220mm / SPEED RATIO 1 : 1  
 REQUIRES LATERAL THERMOSTAT COOLANT OUTLET ELBOW 29-4573  
 REQUIRES FAN ADAPTER (77mm) KIT 29-4581

**IN CASE OF PU BASE ENGINE, NEED THE FOLLOWING KITS**  
 REQUIRES FAN ADAPTER (77mm) KIT 29-4581  
 REQUIRES SUCTION FAN KIT 29-2478  
 REQUIRES LATERAL THERMOSTAT COOLANT OUTLET ELBOW 29-4573

BF4M2012C

999-0488



**RADIATOR W/ HYD. OIL COOLER AND CHARGE AIR COOLER**  
 REQUIRES RAD. PIPE KIT 999-0492 (UNLESS CUSTOMER SUPPLIES)  
 REQUIRES CAC PIPE KIT 999-0491 (FOR ETC CTR. LOW REAR EXHAUST)  
 REQUIRES CAC PIPE KIT 999-0490 (FOR ETC CTR. HIGH REAR EXHAUST)

**THE FOLLOWING KITS ARE REQUIRED UNLESS ENGINE CONFIGURATION MATCHES BOM #6564**  
 REAR INTAKE MANIFOLD WITH HEATING FLANGE  
 REQUIRES SUCTION FAN KIT 29-2483  
 REQUIRES FAN HEIGHT OF 220mm / SPEED RATIO 1 : 1  
 REQUIRES FAN ADAPTER (77mm) KIT 29-4581  
 REQUIRES LATERAL THERMOSTAT COOLANT OUTLET ELBOW 29-4573

**INCASE OF PU BASE ENGINE**  
 LONGER PIPE BETWEEN CAC & ETC WILL BE REQUIRED (TO BE SUPPLIED-BY CUSTOMER).

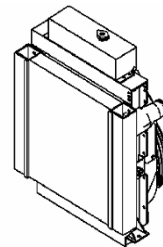
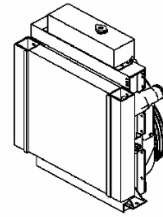
TCD 2012 L4  
 (INCLUDES SUCTION FAN)

999-0374

**RADIATOR W/ HYD. OIL COOLER AND CHARGE AIR COOLER**  
 REQUIRES RAD. PIPE KIT 999-0379 (UNLESS CUSTOMER SUPPLIES)  
 REQUIRES CAC PIPE KIT 999-0378 (FOR ETC CTR.HIGH REAR EXHAUST)

**SECT. 43.5.1 1015 OPEN POWER UNIT COMPONENTS**

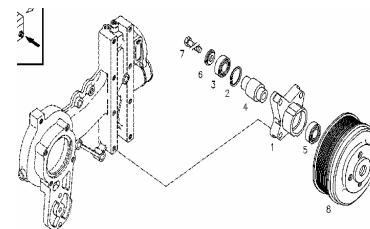
| ENGINE MODEL             | KIT # / CODE    | REMARKS                         |
|--------------------------|-----------------|---------------------------------|
| BF6M1015                 | 999-0425<br>SPL | RADIATOR                        |
| BF6M1015CP               | 999-0431<br>SPL | RADIATOR                        |
| BF8M1015C/CP             | 999-0432<br>SPL | RADIATOR                        |
| BF6M1015/CP/BF8M1015C/CP | 999-0463<br>SPL | BELT GUARD                      |
| BF6M1015/CP/BF8M1015C/CP | 999-0422<br>SPL | SWAY BRACE                      |
| BF6M1015                 | 999-0427<br>SPL | SUCTION FAN 1800 RPM / 2100 RPM |
| BF6M1015CP               | 999-0440<br>SPL | SUCTION FAN 1800 RPM            |
| BF8M1015C/CP             | 999-0435<br>SPL | SUCTION FAN 1800 RPM / 2100 RPM |
| BF6M1015CP               | 999-0428<br>SPL | SUCTION FAN 2100 RPM            |
| BF6M1015                 | 999-0444<br>SPL | PUSHER FAN 1800 RPM             |
| BF6M1015CP               | 999-0461<br>SPL | PUSHER FAN 1800 RPM             |
| BF6M1015CP               | 999-0452<br>SPL | PUSHER FAN 2100 RPM             |
| BF8M1015C/CP             | 999-0462<br>SPL | PUSHER FAN 1800 RPM / 2100 RPM  |
| BF6M1015                 | 999-0426<br>SPL | COOLING PIPES                   |
| BF6M1015CP               | 999-0430<br>SPL | COOLING PIPES                   |
| BF8M1015C/CP             | 999-0433<br>SPL | COOLING PIPES                   |
| BF6M1015CP               | 999-0429<br>SPL | CAC PIPES                       |
| BF8M1015C/CP             | 999-0434<br>SPL | CAC PIPES                       |
| BF6M1015/CP/BF8M1015C/CP | 999-0253<br>SPL | VIBRATION MOUNTS                |
| BF6M1015                 | 999-0423<br>SPL | FUEL FILTER ASSEMBLY            |
| BF6M1015CP/BF8M1015C/CP  | 999-0436<br>SPL | FUEL FILTER ASSEMBLY            |
| BF6M1015/CP              | 999-0424<br>SPL | SKID BASE                       |
| BF8M1015C/CP             | 999-0399<br>SPL | SKID BASE                       |
| BF6M1015/CP              | 999-0394<br>SPL | AIR CLEANER STAND               |
| BF8M1015C/CP             | 999-0400<br>SPL | AIR CLEANER STAND               |
| BF6M1015                 | 999-0287<br>SPL | AIR CLEANER                     |
| BF6M1015CP               | 999-0439<br>SPL | AIR CLEANER                     |
| BF8M1015C/CP             | 999-0420<br>SPL | AIR CLEANER                     |
| BF6M1015/CP              | 999-0393<br>SPL | REAR FEET ASSY.                 |
| BF8M1015C/CP             | 999-0398<br>SPL | REAR FEET ASSY.                 |



**SECT. 43.6**

**FAN DRIVES**

| ENGINE MODEL | KIT # / CODE    | ETL PAGE             | REMARKS                                                  |
|--------------|-----------------|----------------------|----------------------------------------------------------|
| BF4M 2012/C  | 029-4608<br>SPL | 05076334<br>05077668 | 290 MM HIGH, RATIO 1:1.0<br>05078810, 05113595           |
| BF6M 2012/C  | 029-4609<br>SPL | 05076334<br>05076321 | 290 MM HIGH, RATIO 1:1.0<br>05078810, 05077668, 05113595 |
| BF4M 2012/C  | 029-4614<br>SPL | 05076379<br>05078810 | 360 MM HIGH, RATIO 1:1.0<br>05077668, 05113595           |
| BF6M 2012/C  | 029-4615<br>SPL | 05076379<br>05076321 | 360 MM HIGH, RATIO 1:1.0<br>05078810, 05077668, 05113595 |



**SECT. 43.7**

**CLUTCH PTO**  
**(SEE NEXT PAGE FOR SPECIFICATIONS)**

| PTO TYPE      | KIT #    | PTO MODEL # | REMARKS                                            |
|---------------|----------|-------------|----------------------------------------------------|
| TWIN DISC PTO | 999-8119 | CX106P501   | FITS SAE #5 HSG. / SAE 6.5" FLYWHEEL               |
| TWIN DISC PTO | 999-8120 | CX108P401   | FITS SAE #4 HSG. / SAE 8" FLYWHEEL                 |
| TWIN DISC PTO | 999-8121 | CX110P301   | FITS SAE #3 HSG. / SAE 10" FLYWHEEL (72MM PILOT)   |
| TWIN DISC PTO | 999-8122 | SP111P301   | FITS SAE #3 HSG. / SAE 11.5" FLYWHEEL              |
| TWIN DISC PTO | 999-8123 | SP211P301   | FITS SAE #3 HSG. / SAE 11.5" FLYWHEEL              |
| TWIN DISC PTO | 999-8124 | SP314P101   | FITS SAE #1 HSG. / SAE 14" FLYWHEEL (80MM PILOT)   |
| NACD PTO      | 999-0520 | 411294AM    | FITS SAE #5 HSG. / SAE 6.5" FLYWHEEL               |
| NACD PTO      | 999-0521 | 431026AM    | FITS SAE #4 HSG. / SAE 8" FLYWHEEL                 |
| NACD PTO      | 999-0522 | 436003AMI   | FITS SAE #3 HSG. / SAE 10" FLYWHEEL (62MM PILOT)   |
| NACD PTO      | 999-0306 | 434510AM    | FITS SAE #3 HSG. / SAE 11.5" FLYWHEEL (72MM PILOT) |
| NACD PTO      | 999-0307 | 434845AM    | FITS SAE #3 HSG. / SAE 11.5" FLYWHEEL              |



## CLUTCH PTO SPECIFICATIONS

| TWIN-DISC CLUTCH |                      |              |              | APPLICATION DUTY CLASSIFICATION |      |         |       |         |       |         |       | APPROX.<br>WEIGHT |       | SHAFT |      |      |       |
|------------------|----------------------|--------------|--------------|---------------------------------|------|---------|-------|---------|-------|---------|-------|-------------------|-------|-------|------|------|-------|
| DEUTZ<br>SA Kit  | TWIN-DISC<br>MODEL # | SAE<br>Hsg # | SAE<br>Fly # | MAX TORQUE<br>CLASS 1           |      | CLASS 2 |       | CLASS 3 |       | CLASS 4 |       |                   |       |       |      |      |       |
|                  |                      |              |              | Lb-Ft                           | Nm   | Hp      | kW    | Hp      | kW    | Hp      | kW    | Lbs.              | kg.   | in.   | mm   | in.  | mm    |
| 999-8119         | CX106P501            | 5            | 6.5          | 159                             | 216  | 40.0    | 29.9  | 27.0    | 20.1  | 20.0    | 14.9  | 53                | 24.1  | 3.5   | 88.9 | 1.44 | 36.5  |
| 999-8120         | CX108P401            | 4            | 8            | 230                             | 312  | 61.0    | 45.5  | 41.0    | 30.6  | 31.0    | 23.1  | 72                | 32.7  | 6     | 152  | 1.75 | 44.5  |
| 999-8121         | CX110P301            | 3            | 10           | 328                             | 445  | 96.0    | 71.6  | 64.0    | 47.8  | 48.0    | 35.8  | 115               | 52.3  | 5.63  | 143  | 2.25 | 57.2  |
| 999-8122         | SP111P301            | 3            | 11.5         | 455                             | 617  | 124.0   | 92.5  | 82.0    | 61.2  | 62.0    | 46.3  | 141               | 64.1  | 6.5   | 165  | 2.25 | 57.2  |
| 999-8123         | SP211P301            | 3            | 11.5         | 909                             | 1233 | 247.0   | 184.3 | 165.0   | 123.1 | 124.0   | 92.5  | 155               | 70.5  | 6.5   | 165  | 2.5  | 63.5  |
| 999-8124         | SP314P01             | 1            | 14           | 2430                            | 1793 | 564.0   | 420.9 | 376.0   | 280.6 | 282.0   | 210.4 | 425               | 192.0 | 10    | 254  | 3.94 | 100.0 |

| NACD CLUTCH     |                 |              |              |                       |      |                      |       |         |       |         |       |                   |      |        |      |          |      |
|-----------------|-----------------|--------------|--------------|-----------------------|------|----------------------|-------|---------|-------|---------|-------|-------------------|------|--------|------|----------|------|
| DEUTZ<br>SA Kit | NACD<br>MODEL # | SAE<br>Hsg # | SAE<br>Fly # | MAX TORQUE<br>CLASS 1 |      | CLUTCH TORQUE RATING |       |         |       |         |       | APPROX.<br>WEIGHT |      | SHAFT  |      |          |      |
|                 |                 |              |              | Lb-Ft                 | Nm   | CLASS 2              |       | CLASS 3 |       | CLASS 4 |       | Lbs.              | kg.  | LENGTH |      | DIAMETER |      |
|                 |                 |              |              |                       |      | Lb-Ft                | Nm    | Lb-Ft   | Nm    | Lb-Ft   | Nm    |                   |      | in.    | mm   | in.      | mm   |
| 999-0520        | 411294AM        | 5            | 6.5          | 83                    | 113  | 41.7                 | 56.5  | 27.8    | 37.7  | 20.8    | 28.3  | 53                | 24.1 | 3.5    | 88.9 | 1.44     | 36.5 |
| 999-0521        | 431026AM        | 4            | 8            | 140                   | 190  | 70.0                 | 95.0  | 46.7    | 63.3  | 35.0    | 47.5  | 72                | 32.7 | 6.0    | 152  | 1.75     | 44.5 |
| 999-0522        | 436003AM        | 3            | 10           | 307                   | 416  | 153.3                | 208.1 | 102.2   | 138.7 | 76.7    | 104.0 | 115               | 52.3 | 5.5    | 140  | 2.25     | 57.2 |
| 999-0306        | 434510AM        | 3            | 11.5         | 467                   | 633  | 233.3                | 316.6 | 155.6   | 211.1 | 116.7   | 158.3 | 141               | 64.1 | 6.5    | 165  | 2.25     | 57.2 |
| 999-0307        | 434845AM        | 3            | 11.5         | 933                   | 1266 | 466.7                | 633.2 | 311.1   | 422.1 | 233.3   | 316.6 | 155               | 70.5 | 6.5    | 165  | 2.5      | 63.5 |
|                 |                 |              |              |                       |      |                      |       |         |       |         |       |                   |      |        |      |          |      |

### Rating Class examples

**Class 1** Centrifugal pumps, hydraulic pumps, irrigation pumps

**Class 2** Line shafts with uniform load, gensets, elevator drives

**Class 3** Blowers & fans, centrifugal compressors, multi-cylinder piston pumps, conveyor drives, feeder drives

**Class 4** Crane & hoist drives, chipper drives, tub grinders, multi-cylinder recip compressors, mud pumps, crusher drives

### Applicability

For engine model applicability, consult the appropriate engine technical data sheet to obtain peak torque and/or rating information. Consult engine specification to determine the flywheel and housing configuration.

For side load limits and additional technical information, please consult the following manufacturer documents:

Twin-Disc Bulletin 308-S

NACD Power Take-Off Service Manual

PTO kits do not include mounting hardware