AW50-40/42LE (AF14, 20, 22, 23)
4 SPEED FWD (Electronic Control)

A

B
‘B3’ Brake & ‘F2’ Sprag

C
‘P1’ Planetary, ‘C1’ & ‘C2’ Clutches

D
‘P2’ Planetary, ‘C3’ Clutch, ‘F3’ Sprag & ‘B4’ Brake

E
Case, Filter & Valve Body Cover
# AW50-40/42LE (AF14, 20, 22, 23)

## 4 SPEED FWD (Electronic Control)

### KITS

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>YEARS</th>
<th>QTY</th>
<th>PART NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kit</td>
<td>Overhaul Kit AF14, 20, 22</td>
<td>89-ON</td>
<td>1</td>
<td>AF20.OHK01</td>
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<tr>
<td>Kit</td>
<td>Overhaul Kit AF14, 20, 22 (Bryco)</td>
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<tr>
<td>Kit</td>
<td>Overhaul Kit AF14 &amp; 20 (Precision)</td>
<td>96-ON</td>
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<tr>
<td>Kit</td>
<td>Valve Body Gasket Kit (Complete)</td>
<td>89-ON</td>
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<td>Kit</td>
<td>Valve Body Gasket Kit (Front)</td>
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<tr>
<td>Kit</td>
<td>Valve Body Gasket Kit (Rear)</td>
<td>89-ON</td>
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<td>AF20.GK03</td>
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### GASKETS

| NI | Valve Body Cover Gasket AF14, 20, 22 | 89-ON | 1 | AF20.GAS10 |
| NI | Valve Body Rear Spacer Plate Lower Gasket (AF14/20) | 89-ON | 1 | AF20.GAS01 |
| NI | Valve Body Rear Spacer Plate Upper Gasket (AF14/20) | 89-ON | 1 | AF20.GAS02 |
| NI | Valve Body Main Lower | 89-ON | 1 | AF20.GAS03 |
| NI | Valve Body Gasket Rear Upper (20NEJ, X25XE Engines) | 96-ON | 1 | AF20.GAS12 |
| NI | Valve Body Gasket Main Upper Except 2.0 Ecotec/V6 | 96-ON | 1 | AF20.GAS04 |
| NI | Valve Body Gasket Main Upper 2.0 Ecotec/V6 Only | 96-ON | 1 | AF20.GAS05 |
| NI | 1.8/2.0 Litre V Idnet | 96-ON | 1 | AF20.GAS06 |
| NI | Valve Body Gasket (Ecotec) 1.8/2.0 Litre V Idnet | 96-ON | 1 | AF20.GAS07 |
| NI | Valve Body Gasket (Ecotec) 1.8/2.0 Litre V Idnet | 96-ON | 1 | AF20.GAS08 |
| NI | Valve Body Gasket (Ecotec) 1.8/2.0 Litre V Idnet | 96-ON | 1 | AF20.GAS09 |
| NI | Cover Gasket (Small plate on valve body Held with 2 Bolts) | 89-ON | 1 | AF20.GAS11 |

### RUBBER COMPONENTS

| 120A | Pump to case 'O' Ring | 89-ON | 1 | AF20.OR01 |

### METAL CLAD SEALS

| 150A | Converter Seal Alf | 89-ON | 1 | BW55.MCS01 |
| 151E | Driveshaft Left (GM) | 89-ON | 2 | TH125.MCS02 |
| 152E | Driveshaft Left (Volvo) | 89-ON | 2 | AF20.MCS02 |
| 152E | Driveshaft Right (GM) | 89-ON | 2 | TH125.MCS02 |
| 152E | Driveshaft Right (Volvo) | 89-ON | 2 | AF20.MCS02 |
| NI | Manual Shaft Seal | 89-ON | 1 | A130.MCS03 |

### SEALING RINGS

| Kit | Sealing Ring Kit | 89-ON | 1 | AF20.SRK01 |
| 201E | End Cover | 89-ON | 3 | AF20.SSR01 |
| 202D | 'C3' Clutch | 89-ON | 2 | AF20.SSR02 |

### FRICTION PLATES

| Kit | Friction Plate (OEM) (AF14 & AF20, 50-40/42LE) | 89-ON | 1 | AF20.FRK01 |
| Kit | Friction Plate (OEM) (AF22 Ecotec) | 96-ON | 1 | AF20.FRK02 |
| Kit | Friction Plate (Alto) (50-40/42LE/LM, AF20/22) | 89-97 | 1 | AF20.FRK51 |
| Kit | Friction Plate (Alto) (50-40/42LE) | 99-ON | 1 | AF20.FRK52 |
| Kit | Friction Plate (Alto) (50-40/24LE) | 99-ON | 1 | AF20.FRK53 |

### STEEL PLATES

| Kit | Steel Plate (AF20/22, 50-40/42LE) | 89-99 | 1 | AF20.STK01 |
| Kit | Steel Plate (Alto) (AF20/22, 50-40/42LE) | 89-99 | 1 | AF20.STK51 |
| Kit | Steel Plate (AF20/22, 50-40/42LE) | 99-ON | 1 | AF20.STK02 |
| Kit | Steel Plate (Alto) (AF20/22, 50-40/42LE) | 99-ON | 1 | AF20.STK52 |
| 300A | Steel Plate B1 Brake (91mm ID x 1.80mm x 8T) | 89-99 | 1 | AF20.STP01 |
| 301A | Steel Plate B2 (2nd Brake) (144mm ID x 2.50mm x 10T) | 89-99 | 3-4 | AF20.STP02 |
| 301A | Steel Plate B2 (2nd Brake) (141mm ID x 1.80mm x 9T) | 89-99 | 4 | AF20.STP09 |
| 301A | Steel Plate B2 (2nd Brake) (141mm ID x 2.50mm x 10T) | 89-99 | 4 | AF20.STP08 |
| 301A | Steel Plate B2 (2nd Brake) (141mm ID x 4.00mm x 10T) | 89-99 | 4 | AF20.STP12 |
| 302B | Steel Plate B3 (Low & Rev) (144mm ID x 1.80mm x 15T) | 89-99 | 5 | AF20.STP04 |

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## AW50-40/42LE (AF14, 20, 22, 23)  
4 SPEED FWD (Electronic Control)  

### STEEL PLATES Cont...

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<td>303C</td>
<td>Steel Plate C1 (Forward)</td>
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<td>303C</td>
<td>Steel Plate C1 (Forward)</td>
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<tr>
<td>304C</td>
<td>C2 Clutch (Direct)</td>
<td>91-92</td>
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<tr>
<td>305D</td>
<td>Steel Plate C3 Clutch</td>
<td>91-92</td>
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<tr>
<td>305D</td>
<td>Steel Plate C3 Clutch</td>
<td>99-ON</td>
<td>4</td>
<td>AF20.STP06</td>
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<td>305D</td>
<td>Steel Plate C3 Clutch</td>
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<tr>
<td>NI</td>
<td>AWD Transfer clutch</td>
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<tr>
<td></td>
<td>(133mm ID x 1.50mm x 66T)</td>
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### PRESSURE PLATES

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<tr>
<td>400A</td>
<td>Pressure Plate B1 (3.50mm)............</td>
<td>89-ON</td>
<td>Sel</td>
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<tr>
<td>401A</td>
<td>Pressure Plate B2 (3.60mm)............</td>
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<tr>
<td>402B</td>
<td>Pressure Plate B3 (3.80mm)............</td>
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<td>Sel</td>
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<tr>
<td>403C</td>
<td>Pressure Plate C1 (3.60mm)............</td>
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<tr>
<td>403C</td>
<td>Pressure Plate C1 (3.80mm)............</td>
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<tr>
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<td>404C</td>
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<tr>
<td>405D</td>
<td>Pressure Plate C3 (3.60mm)............</td>
<td>89-ON</td>
<td>Sel</td>
<td>AF20.PP11</td>
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<tr>
<td>405D</td>
<td>Pressure Plate C3 (3.80mm)............</td>
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<td>Sel</td>
<td>AF20.PP07</td>
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<tr>
<td>405D</td>
<td>Pressure Plate C3 (4.00mm)............</td>
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<tr>
<td>NI</td>
<td>Cushion Spring B3 Brake..............</td>
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<td>1</td>
<td>AF20.DIA03</td>
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### SPRING & CIRCLIPS

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<tr>
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<th>PART NO</th>
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</thead>
<tbody>
<tr>
<td>410A</td>
<td>Piston Return Spring ('B1' Brake)</td>
<td>89-ON</td>
<td>1</td>
<td>AF20.RET01</td>
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<tr>
<td>412B</td>
<td>Piston Return Spring ('B3' Brake)</td>
<td>89-ON</td>
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### BANDS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>500D</td>
<td>B4 Band</td>
<td>89-ON</td>
<td>1</td>
<td>AF20.BAN01</td>
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### BUSHINGS

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<tbody>
<tr>
<td>Kit</td>
<td>Bush Kit</td>
<td>89-ON</td>
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<tr>
<td>550A</td>
<td>Pump to Converter</td>
<td>89-ON</td>
<td>1</td>
<td>BW55.BUS01</td>
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### FILTERS

<table>
<thead>
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<th>PART NO</th>
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</thead>
<tbody>
<tr>
<td>450E</td>
<td>Filter AF14, 20 (Tan)</td>
<td>89-ON</td>
<td>1</td>
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<tr>
<td>450E</td>
<td>Filter AF22 V6 (Black, AM)</td>
<td>96-ON</td>
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<td>AF20.FIL02</td>
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<tr>
<td>450E</td>
<td>Filter AF22 V6 (Black, OEM)</td>
<td>96-ON</td>
<td>1</td>
<td>AF20.FIL12</td>
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<tr>
<td>NI</td>
<td>Valve Body Filter (Large)</td>
<td>89-ON</td>
<td>AR</td>
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<tr>
<td>NI</td>
<td>Valve Body Filter (Small)</td>
<td>89-ON</td>
<td>AR</td>
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### ELECTRICAL COMPONENTS

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<th>QTY</th>
<th>PART NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>NI</td>
<td>1-2-3/4 &amp; 2-3 Shift Solenoid</td>
<td>91-96</td>
<td>2</td>
<td>AF20.SOL04</td>
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<tr>
<td>NI</td>
<td>1-2-3/4 Shift Solenoid</td>
<td>91-96</td>
<td>1</td>
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<tr>
<td>NI</td>
<td>2-3 Shift Solenoid</td>
<td>96-ON</td>
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### ELECTRICAL COMPONENTS Cont...

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<th>NO.</th>
<th>DESCRIPTION</th>
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<th>QTY</th>
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</thead>
<tbody>
<tr>
<td>NI</td>
<td>Lock Up Solenoid</td>
<td>91-96</td>
<td>1</td>
<td>AF20.SOL02</td>
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<tr>
<td>NI</td>
<td>Neutral Control Solenoid</td>
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<tr>
<td>NI</td>
<td>Input Speed Sensor</td>
<td>91-92</td>
<td>1</td>
<td>AF20.SOL03</td>
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<tr>
<td>NI</td>
<td>Output Speed Sensor</td>
<td>91-92</td>
<td>1</td>
<td>AF20.SOL04</td>
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<tr>
<td>NI</td>
<td>Range Switch (Volvo 50-42LE)</td>
<td>91-96</td>
<td>1</td>
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### THRUST WASHERS & BEARINGS

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<tbody>
<tr>
<td>600A</td>
<td>Thrust Washer Pump (Plastic)</td>
<td>91-96</td>
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<td>AF20.THW03</td>
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<tr>
<td>660C</td>
<td>Radial Bearing, Sun Shaft to C1/C2 Drum</td>
<td>91-96</td>
<td>1</td>
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<tr>
<td>661C</td>
<td>Thrust Plate C1/C2 Drum</td>
<td>91-96</td>
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<tr>
<td>662C</td>
<td>Thrust Bearing C1/C2 Drum</td>
<td>91-96</td>
<td>1</td>
<td>AF20.TOR01</td>
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<tr>
<td>667D</td>
<td>Thrust Bearing, 'C3' Clutch Drum</td>
<td>91-96</td>
<td>1</td>
<td>AF20.TOR05</td>
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<tr>
<td>667D</td>
<td>Radial Bearing, 'C3' Clutch Drum</td>
<td>91-96</td>
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<tr>
<td>668D</td>
<td>Thrust Race, 'C3' Clutch Drum</td>
<td>91-96</td>
<td>1</td>
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<tr>
<td>671E</td>
<td>Roller Bearing, Planet Support</td>
<td>91-96</td>
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<tr>
<td>672E</td>
<td>Thrust Plate C1/C2 Drum</td>
<td>91-96</td>
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### VALVE BODY PARTS

<table>
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<tbody>
<tr>
<td>NI</td>
<td>Valve Body, Rebuilt (4 Sol)</td>
<td>91-96</td>
<td>1</td>
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<tr>
<td>NI</td>
<td>Valve Body, Rebuilt (5 Sol)</td>
<td>91-96</td>
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<tr>
<td>NI</td>
<td>Lock Up Control, Plunger &amp; Sleeve Kit</td>
<td>91-96</td>
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<td>NI</td>
<td>Main Boost Valve &amp; Sleeve Kit</td>
<td>91-96</td>
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### HARDWARE

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<tr>
<td>827C</td>
<td>Planetary Assy (50-42LE)</td>
<td>91-96</td>
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<tr>
<td>836C</td>
<td>C1/C2 Drum (Rebuilt)</td>
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<td>Uprated C1/C2 Drum Assy</td>
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<td>850D</td>
<td>Piston 'C3' Clutch (V6 Models)</td>
<td>91-96</td>
<td>1</td>
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<td>851D</td>
<td>Drum-C3 Clutch (V6 Models)</td>
<td>91-96</td>
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<td>Main Case Assy (Saab)</td>
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<td>Shaft, Transmission to</td>
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### SPECIAL ITEMS, TOOLS & MANUALS

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<td>96-ON</td>
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<td>96-ON</td>
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