Transmission gears listed on this page will fit Sportster 4-speed transmissions made from 1956 thru 1990. All Andrews 4-speed Sportster gears are made from high nickel alloy steel which is heat treated and shot peened for maximum durability. Shot peening greatly improves the wear resistance of drive edges and slots. All Sportster gearboxes run better with Andrews gears.

The following gears fit all '84–'90 alternator engines. All 1987–1990 4-speed Sportsters have “C” ratio main drive gears as stock parts.

I “C” Ratio Main Drive Gear Sets
(1971–’78) (26T & 18T) . . . . . . . . . . . . . . . . . . . . . . . Part# 254720
(1979–’84) (26T & 18T) . . . . . . . . . . . . . . . . . . . . . . Part# 254740
(26T Countershaft drive gear: all years) . . . . . . . . . Part# 255620

Stock Ratio Main Drive Gears (17T & 27T) [Not shown]
Clutch gear (71–’78) (17T) [replaces 37448-71] . . Part# 254710
Clutch gear (1979–’84) (replaces 37448-79) . . . . Part# 254730
(27T Countershaft gear) (replaces 35695-58) . . . Part# 255580

Complete Gear Sets (Includes the following parts)
(“W” 1st, stock 4th) (1973–’78) . . . . . . . . . . . . . . Part# 250100
(“W” 1st, “C” 4th) (1973–’78) . . . . . . . . . . . . . . Part# 250200
(Stock 1st and 4th) (1973–’78) . . . . . . . . . . . . . . Part# 250300
(Stock 1st, “C” 4th) (1973–’78) . . . . . . . . . . . . . . Part# 250400

The Andrews Products Price Sheet shows a complete listing of all combinations of gear kits with available ratios for generator engines (1979–’84) and alternator engines (1984–’90).

Sportster gear ratios are listed below for comparison.

<table>
<thead>
<tr>
<th>Stock Ratios</th>
<th>“W” Ratios</th>
<th>“W” Ratios</th>
<th>“C” Ratios</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>2.52</td>
<td>2.68</td>
<td>2.44</td>
</tr>
<tr>
<td>2nd</td>
<td>1.83</td>
<td>1.83</td>
<td>1.66</td>
</tr>
<tr>
<td>3rd</td>
<td>1.38</td>
<td>1.38</td>
<td>1.26</td>
</tr>
<tr>
<td>4th</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

(1) “W” Ratio 1st plus stock main drive (27/17 teeth)
(2) “W” Ratio 1st plus “C” Ratio main drive (26/18 teeth)