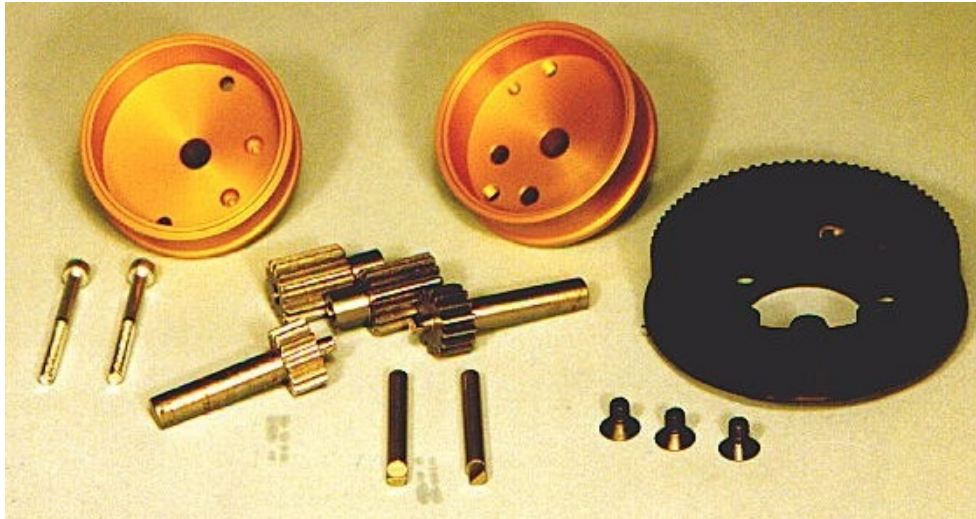
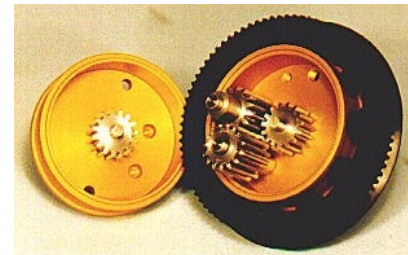


## 76/103 Differential Assembly Instructions - Sheet 3



76/230	Casing L.H.
76/231	Casing R.H.
76/232	Pulley 80T
76/233	Output Shaft & Gear
76/234	Idler Gear
76/235	Pin for Idler Gear
94/240	M4 x 40mm Socket Cap Screw
95/208	M5 x 8mm Csk. Screw



- 1). Assemble pulley to R.H.S. case with 3 M5 counter sunk screws, ensuring line up with all holes. Using thread locking compound to secure.
- 2). Place pins into case picking up pulley with half slots
- 3). Fit half shaft in R.H.S. case, lubricate with grease. Preferably a high quality Molybdenum Disulphide grease.
- 4). Fit one gear to mesh with half shaft gear, lubricate shaft with grease.
- 5). Fit other idler gear upside down to mesh with idler but not with half shaft, lubricate shaft with grease .
- 6). Fit other half shaft in L.H.S. case, lubricate with grease.
- 7). Apply generous grease to gear meshes.
- 8). Locate 2 halves together with pins engaging supporting holes in L.H.S. case.
- 9). Use mild thread locking compound on M4 x 40mm socket cap screws and centralise location before tightening.
- 10). Check differential runs easily.

