

A431 Transmission Gears

Gear Ratios for Main Drive and Speed Gears



Main Drive Gear Ratios (4th Gear Ratio is 1:1)

Main Drive Teeth:	21/22	20/24	21/26	19/24	21/27	21/28	17/23	19/26	18/25
Main Drive Ratio:	1.048	1.200	1.238	1.263	1.286	1.333	1.353	1.368	1.389
Main Drive Part Number:	825530M	825459M	825443M-W*	825432M	825421M	825404M	825398M	825393M	825382M

Tooth Count	Ratio	Part #	First Gears with Integral Shaft								
34/15	2.267	431157	2.375	2.720	2.806	2.863	2.914	3.022	3.067	3.102	3.148
33/15	2.200	431167	2.305	2.640	2.724	2.779	2.829	2.933	2.976	3.011	3.056
32/15	2.133	431181	2.235	2.560	2.641	2.695	2.743	2.844	2.886	2.919	2.963
32/16	2.000	431207	2.095	2.400	2.476	2.526	2.571	2.667	2.706	2.737	2.778
29/15	1.933	431223	2.025	2.320	2.393	2.442	2.485	2.577	2.615	2.645	2.685

Tooth Count	Ratio	Part #	First, Second, and Third Gear Ratios								
29/18	1.611	825307	1.688	1.933	1.995	2.035	2.071	2.148	2.180	2.205	2.238
29/19	1.526	825335	1.599	1.832	1.890	1.928	1.962	2.035	2.065	2.089	2.120
27/18	1.500	825343	1.571	1.800	1.857	1.895	1.929	2.000	2.029	2.053	2.083
26/18	1.444	825362	1.513	1.733	1.788	1.825	1.857	1.926	1.954	1.977	2.006
24/17	1.412	825373	1.479	1.694	1.748	1.783	1.815	1.882	1.910	1.932	1.961
25/18	1.389	825382	1.455	1.667	1.720	1.754	1.786	1.852	1.879	1.901	1.929
28/21	1.333	825404	1.397	1.600	1.651	1.684	1.714	1.778	1.804	1.825	1.852
26/20	1.300	825416	1.362	1.560	1.610	1.642	1.671	1.733	1.759	1.779	1.806
27/21	1.286	825421	1.347	1.543	1.592	1.624	1.653	1.714	1.739	1.759	1.786
24/19	1.263	825432	1.323	1.516	1.564	1.596	1.624	1.684	1.709	1.729	1.754
26/21	1.238	825443	1.297	1.486	1.533	1.564	1.592	1.651	1.675	1.694	1.720
24/20	1.200	825459	1.257	1.440	1.486	1.516	1.543	1.600	1.624	1.642	1.667
23/20	1.150	825480	1.205	1.380	1.424	1.453	1.479	1.533	1.556	1.574	1.597
25/23	1.087	825511	1.139	1.304	1.346	1.373	1.398	1.449	1.471	1.487	1.510
19/18	1.056	825527	1.106	1.267	1.307	1.333	1.357	1.407	1.428	1.444	1.456
22/21	1.048	825530	1.098	1.257	1.297	1.323	1.347	1.397	1.417	1.434	1.455
25/24	1.042	825534	1.091	1.250	1.290	1.316	1.339	1.389	1.409	1.425	1.447
22/22	1.000	825554	1.048	1.200	1.238	1.263	1.286	1.333	1.353	1.368	1.389
24/25	0.960	825577	1.006	1.152	1.189	1.213	1.234	1.280	1.299	1.314	1.333
21/22	0.955	825580	1.000	1.145	1.182	1.206	1.227	1.273	1.291	1.306	1.326
18/19	0.947	825584	0.992	1.137	1.173	1.197	1.218	1.263	1.282	1.296	1.316

*For 825443M-W modified faceplate is required (431118-W).