



Associazione DSC

Documentazione, Storia, Cultura.

Dettagliatissimo manuale d'officina di 972 pagine edito dalla Ford Motor Company per le operazioni di manutenzione e di riparazione

1968

COUGAR FAIRLANE FALCON MONTEGO MUSTANG

SHOP MANUAL

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SPECIFICATIONS AND SPECIAL SERVICE TOOLS AT END OF EACH GROUP

4-6 GROUP 4 — Rear Axle

Flange Bearing Cup Runout	Drive Shaft Universal Cross-Shaft Runout							
	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007
0.000	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007
0.001	0.001	0.0013	0.0022	0.0032	0.0042	0.0051	0.0061	0.0071
0.002	0.002	0.0022	0.0027	0.0037	0.0045	0.0053	0.0062	0.0072
0.003	0.003	0.0032	0.0036	0.0042	0.005	0.0058	0.0067	0.0077
0.004	0.004	0.0042	0.0045	0.005	0.0057	0.0064	0.0072	0.0081
0.005	0.005	0.0051	0.0053	0.0058	0.0063	0.0071	0.0078	0.0087
0.006	0.006	0.0061	0.0062	0.0068	0.0072	0.0078	0.0085	0.0092
0.007	0.007	0.0071	0.0073	0.0075	0.0081	0.0087	0.0093	0.0099
0.008	0.008	0.0081	0.0082	0.0087	0.009	0.0094	0.010	0.0104

The total (combined) companion flange runout is located in the square where the columns containing the bearing cup runout and universal cross shaft runout readings intersect.

FIG. 7—Companion Flange Combined Runout Chart

FIG. 9—Pinion and Ring Gear Tooth Contact Adjustment—Removable Carrier Type Axles

backlash between the gear by the dial indicator, tighten just enough to remove backlash. At this time, make sure of the slots in the left nut stated that the lock can be tightened without turning the nut until it contacts the cup.

6. Torque the different to specification.

On integral carrier type preload of 0.008 to 0.01 spread for new bearings; 0.005 for the original bearings.

On removable carrier the preload is 0.008 to case spread for new bearings. As preload is applied right side, the ring gear away from the pinion results in the correct backlash.

7. Measure the backlash.

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