

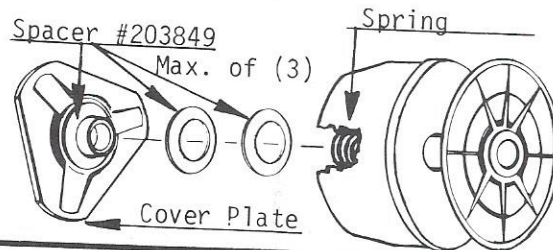


A DIVISION OF HOFFCO® INC.

358 N.W. "F" Street, Richmond, IN 47374-2297 U.S.A.
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NOTE - SPACER NO. 203849A:

To raise the Engagement by approximately 200 RPM, install 1 spacer No. 203849A above the spring. A minimum of 3 spacers may be installed, raising the tip engagement by approximately 600 RPM.



SPIDER SPACERS

#203150A (102C)
#213875A (108C) 1 1/2" Dia. Center Post
#214393A (108C) 1 5/8" Dia. Center Post

Spider Spacers are used in conjunction with Cam Arms for belt clearance spacing. (i.e. "B" Cam Arms require two (2) — 203150A in 102C to maintain spacing to allow engine to idle when used with 1 1/4" wide belt. "D" Cam Arms used in same scenario require one (1) — 203150A.)

These Spacers can be used in any number, up to two (2), with any Cam Arm if desired. The only real consideration being belt clearance at idle.

102C-108C CLUTCH SPRING ENGAGEMENT CHART

SPRING	ORDER NO.	A-1*	A-1	A-2*	A-3*	A-4*	A-5*	AA-1*	AA-2*	AB-1*	AB-2*	B	B-1*	B-2*	B-3*	B-4*	C	C-1M*	C-2*	C-2M*	D	E	F-2*	HE-1	HE-2
BLACK	204115A	3600	3500	3700	3600	3300	3500				3500	3700	3700		4000	3500	3700		3600	3800	3800	3100	3500		
BLUE	202352A	4700	4700	4800	4800	4850	4700				4900	4900	4900		5700	4800	5100		4900	5100	5000	4200	5000	4850	
BLUE	203071A	4650	4600	4750	4600	4700	4700				4600	4600	4600		5650	4750	5050		4900	5000	4950	4200	4950	4600	
BROWN	205040A	3600	3600	3700	3600	3300	3500				3500	3700	3700		4000	3500	3700		3600	3800	3800	3100	3500	3050	
GOLD	208175A	5050	5000	5000	5100	5100	4950				5050	5150	5150		5950	5050	5350		5300	5550	5500	4450	5050	5050	
ORH	203472A	2850	2600	2600	2800	2600	2600				2600	2600	2600		2900	2600	2600		2500	2650	2650	1900	2600	2400	
PINK	202789A	2700	2850	3400	3400	3400	3400				3400	3400	3400		3800	3400	3400		3400	3550	3550	3100	3450	3000	
PINK	203473A	2700	2850	3400	3400	3400	3400				3400	3400	3400		3800	3400	3400		3400	3550	3550	3100	3450	3000	
PUR	207758A	5100	5100	5200	5400	5150	5200				5050	5400	5400		6100	5300	5500		5400	5900	5900	4600	5600	5000	
PUR	207888A	4650	4600	4750	4800	4700	4700				4600	4900	4900		5650	4750	5050		4900	5000	4950	4200	4950	4600	
RED	207877A	4500	4500	4600	4400	4500	4500				4350	4700	4700		5200	4600	5000		4700	4900	4900	4000	4800	4300	
RED/BLU	209833A	4100	4100	4200	4000	4100	4100				4100	4300	4300		4600	4200	4300		4200	4600	4600	4200	3700	3900	
SIL	204818A	4200	4200	4400	4400	4300	4300				4200	4500	4500		4800	4300	4400		4500	4700	4700	3800	4300	4100	
SIL/BLK	209686A	4200	4200	4400	4400	4300	4300				4200	4500	4500		4800	4300	4400		4500	4700	4700	3800	4300	4100	
SIL/GRN	209935A	4700	4600	4750	4850	4650	4750				6000	4950	4950		5650	4750	5050		4950	5350	4950	4250	4900	4450	
SIL/ORN	209936A	4650	4600	4750	4850	4650	4750				6000	4950	4950		5650	4750	5050		4950	5350	4950	4250	4900	4450	
WHT	202467A	4200	4150	4400	4400	4250	4300				4150	4500	4500		4800	4300	4400		4500	4700	4700	3800	4300	4100	
WHT	202467A	4200	4150	4400	4400	4250	4300				4150	4500	4500		4800	4300	4400		4500	4700	4700	3800	4300	4100	
WHT	203474A	3250	3750	3850	3750	3900	3650				3950	3850	3850		4200	3650	3850		3900	3850	3950	3250	3700	3700	
YEL	202551A	4600	4600	4700	4800	4650	4700				6000	4900	4900		5300	4700	5100		4900	5300	4900	4200	4900	4450	
YEL	203475A	4600	4600	4700	4800	4600	4700				4400	4900	4900		5300	4700	5100		4900	5300	4900	4200	4900	4450	
YEL/GRN	208228A	5100	5100	5200	5400	5150	5200				5050	5400	5400		6100	5300	5500		5400	5900	5900	4600	5600	5000	
YEL/RED	208238A	4500	4500	4600	4400	4500	4500				4350	4700	4700		5200	4600	5000		4700	4900	4900	4000	4800	4300	
YEL/WHT	211361A	4150	4100	4200	4050	4100	4150				4100	4350	4350		4650	4250	4300		4200	4650	4250	3700	3950	3900	
SPRING	ORDER NO.	HE-3	HE-4	HE-5	HE-6	K	K-1	K-2	L	N	N-1*	P-1	Q	R	R-1	T	U	U-1	W	X	X-1	Z	Z-1	Z-2	
BLACK	204115A	4400	3100	3400	3000	3100	3000	3300	3800		3900			3050	3150	4000	2700	2900							
BLUE	202552A	7000	4300	5000	4100	4700	3900	4400	5500		4700			3950	4050	5100	4100	4300							
BROWN	205040A	4400	4300	4750	4150	4450	3900	4400	5500		4650			3950	4050	5200	3550	3750							
GOLD	208175A	7500+	4600	5250	4400	4900	4150	4600	5750		5200			4250	4350	5600	4200	4400							
ORN	203472A	3300	2000	2050	1900	2000	1850	2000	2700		2650			2000	2100	2700	2000	2200							
PINK	202789A	4350	3200	3250	3000	2950	3050	3200	3600		3450			2700	2800	3600	2650	2850							
PUR	203473A	4350	3200	3250	3000	2950	3050	3200	3600		3450			2700	2800	3600	2650	2850							
PUR	207758A	7000+	4800	5200	4700	4900	4300	4700	6100		5300			4400	4500	6000	4300	4500							
PUR	207888A	6800	4350	4750	4150	4450	3900	4400	5500		4650			3950	4050	5200	3700	3900							
RED	207877A	6300	4100	4500	4000	4250	3900	4200	5600		4500			3900	4000	4900	3600	3900							
RED/BLU	209833A	5600	3700	4150	3550	3650	3500	3900	5000		4100			3400	3500	4700	3250	3450							
SIL	204818A	5950	3900	4250	4000	4000	3700	3900	5200		4300			3750	3850	4700	3300	3500							
SIL/BLK	209686A	5950	3900	4250	4000	4000	3700	3900	5200		4300			3750	3850	4700	3300	3500							
SIL/GRN	209935A	6500	4350	4450	4200	4350	3950	4450	5500		4650			4000	4100	5250	3500	3700							
SIL/ORN	209936A	6500	4350	4450	4200	4350	3950	4450	5500		4650			4000	4100	5250	3500	3700							
SIL/RED	209677A	5200	3300	4050	3200	3650	3200	3500	4000		4000			3200	3300	4200	3200	3400							
WHT	202467A	5950	3900	4200	4000	4000	3700	3900	4000		4300			3700	3800	4700	3300	3500							
WHT	203474A	5300	3250	4050	3150	3650	3150	3450	3950		4000			3250	3300	4150	3200	3400							
YEL	202551A	6500	4300	4600	4100	4350	3900	4400	5800		4600			4000	4100	5200	3650	3850							
YEL	203475A	6500	4300	4600	4100	4350	3900	4400	5800		4600			4000	4100	5200	3650	3850							
YEL/GRN	208228A	7000+	4800	5200	4700	4900	4300	4700	6100		5200			4400	4500	6000	4300	4500							
YEL/RED	208238A	6450	4100	4500	4000	4250	3900	4200	5600		4500			3900	4000	4900	3600	3900							
YEL/WHT	211361A	5600	3800	4150	3600	3850	3550	3950	5000		4150			3400	3500	4700	3250	3450							

APPROXIMATE ENGAGEMENT specifications shown for the Comet clutch Drivers were determined by reading the actual r.p.m. via Strobe and Tachometer at the moment of drive contact, i.e. when the Drive Clutch has engaged the belt with adequate ability to move the driven unit from a stationary position, under load. Throttle action used for determining these readings is a slow, steady, increase of engine r.p.m.'s to the point of engagement cycle. JUST REMEMBER... engagement r.p.m. may vary, depending on the machine and its setup from 8 to 12 per cent. The figures shown here represent the norm.