PONTIAC - CULASSES

ANNEE	CYLINDREE	PUISSANCE	N° CULASSE	TAILLE SOUPAPE ADM/ECHAP
1959	389	215-345HP	531395	1.88/1.60
1960	389	215-345HP	536109	1.88/1.60
	389SD	348-363HP	535461	1.92/1.60
1961	389	all	538177	1.88/1.60
	421	all	538177	1.88/1.60
	389SD	368/373HP	540306	1.92/1.66
	421SD	368/373HP	540306	1.92/1.66
1962	389	all	538177	1.88/1.60
	421	all	538177	1.88/1.60
	389SD	385/405HP	540306/544127	1.92/1.66;2.02/1.76
	421SD	385/405HP	540306/544127	1.92/1.66;2.02/1.76
1963	326	250HP	543797	1.88/1.60
	326	260/280HP	548232	1.88/1.60
	389	215/230/235HP	543796	1.88/1.60
	389	267/283/303/313HP	543797	1.88/1.60
	421	320HP	543797	1.88/1.60
	421	353/370HP	9770716	1.92/1.66
	421SD	390/405/410HP	544127/9771980	2.02/1.76
1964	326	250HP	9773345 (845)	1.88/1.60
	326	280HP	9773395	1.88/1.60
	389	215/230/235HP	5437796	1.88/1.60
	389	267/283/303/306HP	9773345/(845)	1.92/1.66
	421	320HP	9773345/(834)	1.92/1.66
	389	325/330/348HP	9770716	1.92/1.66
	421	350/370HP	9770716	1.96/1.66
1965	326	250HP	62	1.88/1.60
	326	285HP	22	1.88/1.60

	389	256HP	75	1.88/1.60
	389	290/325/333HP	76	1.92/1.66
	389	335/338/360HP	77	1.92/1.60
	421	338HP	76	1.92/1.66
	421	356/376HP	77	1.92/1.60
1966	326	250HP	94	1.88/1.60
	326	285HP	95	1.88/1.60
	389	256HP	91	1.92/1.66
	389	290/325/333HP	92	1.92/1.66
	389	335/360HP	93	1.92/1.66
	421	338/350HP	92	1.92/1.66
	421	356/376HP	93	1.92/1.66
1967	326	250HP	140	1.92/1.64
	326	285HP	141	1.92/1.64
	400	255/260/265HP	142	1.92/1.64
	400	290HP	143/061	1.92/1.64
	400	325/333HP Big Car	143/061	1.92/1.64
	400	350HP(GP)	670/9787671/187	2.11/1.77
	400	325/335/360HP	670	2.11/1.77
	400	325/360HP RA	670/97	2.11/1.77
	428	360/376HP	670/9787671	2.11/1.77
1968	350	265HP	17	1.96/1.66
	350	320HP	18	1.96/1.66
	400	265HP	14	1.96/1.66
	400	290/340HP Big Car	15/215	1.96/1.66
	400	350HP (GP)	16/216/62	2.11/1.77
	400	330HP (FB)	16/216/62	2.11/1.77
	400	335/350/360HP	16/62	2.11/1.77
	400	335/360HP RA I	31/(37)	2.11/1.77

	400	340(FB)/366(GTO)	R/96/A(RA II)	2.11/1.77
	428	375HP	16/216	2.11/1.77
	428	390HP	16/216	2.11/1.77
1969	350	265HP	47	1.96/1.66
	350	325HP	48	2.11/1.77
	400	265HP	45	1.96/1.66
	400	290HP	46	1.96/1.66
	400	340HP(GP)	16/62	2.11/1.77
	400	330,335,350/366HP	16/62/48(MT)	2.11/1.77
	400	345(FB)/370(GTO)	722(RA-IV)	2.11/1.77
	428	360HP	16(small-valve)46	1.96/1.66
	428	370HP (GP)	62	2.11/1.77
	428	390 HP	16/62	2.11/1.77
	400	375HP(RA-V)	44 Tunnel Port	2.11/1.77
	303	RA=V Tunnel Port	546184	2.11/1.77
1970	350	255HP	11	1.96/1.66
	400	265HP	11	1.96/1.66
	400	290HP	16(sm valve)	1.96/1.66
	400	330HP Big Car	16	1.96/1.66
	400	330HP	12(m.t.)	2.11/1.77
	400	330HP	13(a.t.)	2.11/1.77
	400	345HP(FB/RAIII)	12	2.11/1.77
	400	350HP(GP)	13	2.11/1.77
	400	350HP(GTO)	12(MT)	2.11/1.77
	400	350HP(GTO)	13(AT)	2.11/1.77
	400	366HP(GTO)	12(RA III)	2.11/1.77
	400	370HP(RA IV)	614(rd port)	2.11/1.77
	455	360HP Big Car	15	1.96/1.66
	455	360/370HP(GTO/GP)	64	2.11/1.77
1971	350	250HP	94	1.96/1.66
	400	265HP	99	1.96/1.66
	400	300HP	96	2.11/1.77
	455	280HP	98	1.96/1.66

	455	325HP	66	2.11/1.77
	455	335HP (455HO)	197(191) rd port	2.11/1.77
1972	350	175HP	7h1	1.96/1.66
	400	200HP	7j2	1.96/1.77
	400	250HP	7k3	2.11/1.77
	455	200HP	7L4	2.11/1.77
	455	250HP	7M4	2.11/1.77
	455	250HP	7M5	2.11/1.77
	455	300HP(455HO)	7F6 rd port	2.11/1.77
1973	350	150/175HP	46/4c	1.96/1.66
	400	170/185HP	46/4c	1.96/1.66
	400	200HP	4x/4c	2.11/1.66
	400	230HP	4x/screw-in stud	2.11/1.66
	455	215/250HP	4x/screw-in stud	2.11/1.66
	455	290HP(455SD)	16/X(rd port)	2.11/1.77
1974	350	155/170HP	46/4c	1.96/1.66
	350	200HP(GTO)	46(screw-in studs)	1.96/1.66
	400	175/190HP	46/4c	1.96/1.66
	400	200HP	4x/4c	1.96/1.66
	400	225HP(AT)	4x(screw-in stud)	2.11/1.66
	400	225HP(AT)	4c	2.11/1.66
	400	225HP(MT)	4x(screw-in stud)	2.11/1.66
	455	215/250	4x(screw-in stud)	2.11/1.66
	455	215/250	4c	2.11/1.66
	455	290HP(455SD)	16/X(rd port)	2.11/1.77
1975	350	ALL	5c	2.11/1.66
	400	ALL	5c/6s	2.11/1.66
	455	AIR	6s	2.11/1.66
	350	HO/non-air	6h	2.11/1.66
1976	350	ALL	6X/6S	2.11/1.66
	400	ALL	6X/6S	2.11/1.66
	455	AIR	6S	2.11/1.66
	455	HO/non-air	6H	2.11/1.66

1977	301	ALL	1	1.72/1.50
	350	ALL	6X/6S	2.11/1.66
	400	180HP	6X	2.11/1.66
	400	200HP	6X	2.11/1.66
1978	301	ALL	01-févr	1.72/1.50
	350	ALL	6X/6S	2.11/1.66
	400	180HP	6X	2.11/1.66
	400	220HP	6X	2.11/1.66
1979	301	ALL	1	1.72/1.50
	400	ALL	6X	2.11/1.66

Pontiac a fait des chambres de combustion fermées jusqu'à 1967.
En 1967 pontiac a fait quelques culasses a chambre de combustion ouverte.
Après 1967 les chambres de combustion sont systématiquemt de type ouverte

Le code de culasse est en relief sur la sortie d'échappement centrale

En 1973 pontiac commença a inscrire un nombre suplémentaire sur les culasses.
Ce nombre représente le volume de chambre de combustion en CC.
Ce nombre est généralement frappé sur une surface plane longeant le cache culbuteur.

Pour les culasses code 51 - 5c - 6x - 6h

Nombre	**volume**	**application**
-2	101cc's	probably special 455 head for 455HO T/A
-4	91 cc's	350/W72 engine; - 77,78,79 stick T/A's engine code WA,WC,& PWH; - 77/78 W/72 auto T/A code Y6 (77) & X7 (78); - Can-Am's with T/A 6.6
-6	114cc's ?	any 455 head (75-)
-7	98 cc's	400 AIR (5C or 6S)
-8	98 cc's	400 standard (5C or 6X)
-9	91 cc's	350 AIR (5C or 6S)

Pour les culasses code 4X

Nombre	volume	soupapes	application
1H -	112cc's	2.11/1.66 valve	455 head -screw in studs(4 bbl?)
3H -	98 cc's	2.11/1.66 valve	400
4H -	98 cc's	1.96/1.66 valve	350/400
7H -	98 cc's	2.11/1.66 valve	400 screw in studs

Compatibilité du port croisé d'échappement (rechauffage carbu + egr)

avec culasse	et collecteur	utiliser joint
1965-71	1965-71	1965-71
1965-71	1972-79	1972-79
1972-79	1972-79	1972-79
1972-79	1965-71	1965-71**

** utilise une plaque de restriction inox dans le joint

Pontiac compatibilité entre les collecteurs d'admission.

1957-1958 (échange possible entre 1957 & 1958)
1959-1960
1961-1964
1965-1979 (échange possible entre 1965 et 1979)

Ne s'apllique pas au moteur 301 Ci ni Ram air 5

VOLUME (cc) OU TAUX DE COMPRESSION(cr)
69
69
69
69
69
68
68
69
69
68
68
8.6 c.r.
10.25 c.r.
8.6 c.r.
10.25 c.r.
10.75 c.r.
72
64
8.6 c.r.
10.0 c.r.
8.6
10.5 c.r.
10.75 c.r.
72
68
8.6 c.r.
10.5 c.r.

8.6 c.r.
10.5 c.r.
10.5 c.r.
10.75 c.r.
10.75 c.r.
8.6 c.r.
10.5 c.r.
8.6 c.r.
10.5 c.r.
10.5 c.r. 68cc
10.75 c.r. 70 cc
10.75 c.r. 68 cc
9.2 c.r.
10.5 c.r.
8.6 c.r.
10.5 c.r.
10.5 c.r.
10.5 c.r. 72 cc
72 cc
72 cc
72 cc
8.6 c.r.
10.5 c.r.
8.6 c.r.
10.5 c.r.
72-75 cc
72-75 cc
72-75 cc
72 cc

72cc/rd port
72cc
72cc
8.6 c.r.
10.5 c.r.
8.6 c.r.
10 c.r.
72 cc
72cc
71 cc
10 c.r.
72 cc
72 cc
67cc
56cc
8.8 c.r.
8.6 c.r.
10 c.r.
10 c.r.
72cc
72cc
72cc
72cc
72cc
72cc
72cc
72cc
71cc
87cc
87cc
96cc
98cc
96cc
114cc

114cc
111cc
7.6cr
8.4cr
96cc
114cc
114cc
114cc
111cc
96cc
98cc
98cc
98cc
114cc
111cc
7.6cr
7.6cr
8.1cr
98cc
98cc
98cc
98cc
114cc
114cc
111cc
7.6cr
7.6cr
7.6cr
7.6cr
7.6cr
7.6cr
7.6cr
7.6cr

8.2cr
7.6cr
7.6cr
8.0cr
8.2cr
7.6cr
7.6cr
8.1cr
8.2cr
8.1cr