

## IDLE AIR CONTROL MOTORS (IAC)

### WHAT THEY DO

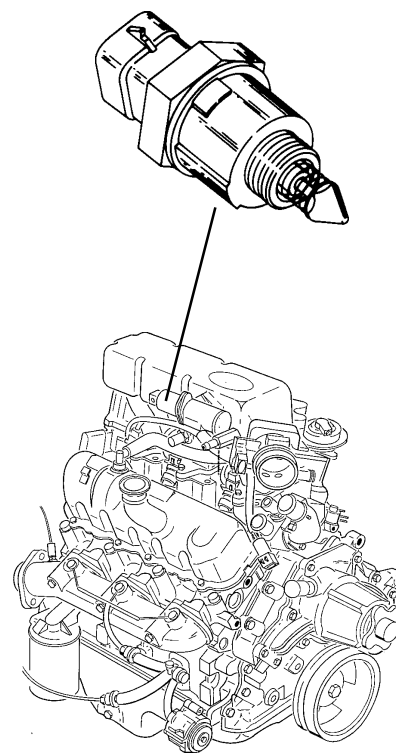
Adjust air flow in the idle circuit to maintain idle speed under various load conditions in fuel injected engines.

### FAILURE SYMPTOMS

Vehicle stalling, high or low idle speeds. "Check Engine" light on continuously.

### MAINTENANCE / SERVICE

Check for proper function and inspect for carbon deposits on pintle. Clean or replace as necessary.



YEAR	ENGINE	MODEL	OE#	PART#
<b>BUICK</b>				
<b>4 cyl.</b>				
1987-1984	1.8L (J) 111"	Skyhawk (w/Turbo)	17111288	8437
1986-1982	1.8L (D) 111"	Skyhawk	17079256,17111460	8437
1989-1987	2.0L (1) 121"	Skyhawk	17111816	8440
1989-1987	2.0L (K) 121"	Skyhawk	17111823	8439
1986-1983	2.0L (P) 121"	Skyhawk (w/AT)	17079256,17111460	8437
1986-1983	2.0L (P) 121"	Skyhawk (w/MT)	17079599	8438
1984	2.0L (M) 121"	Skyhawk (w/Turbo)	17111288	8437
1996-1993	2.2L (4) 134"	Century	17112898	8449
1995	2.3L (D) 138"	Skylark	17113167	8454
1994	2.3L (3) 138"	Skylark	17113112	8451
1993-1992	2.3L (3) 138"	Skylark	17111826	8441
1991-1990	2.3L (D) 138"	Skylark, Somerset	17111826	8441
1989-1988	2.3L (D) 138"	Skylark, Somerset	17111946	8447
1996	2.4L (T) 144"	Skylark	17113200	8454
1992-1987	2.5L (R,U) 151"	Century, Skylark, Somerset	17111826	8441
1986-1985	2.5L (R,U) 151"	Century, Skylark, Somerset	17079256,17111460	8437

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
<b>BUICK (Contd)</b>				
<b>6 cyl.</b>				
1989-1988	2.8L (W) 173"	Regal	17111809,17112351	8442
1989-1987	2.8L (W) 173"	Century	17111809,17112351	8442
1985	2.8L (W) 173"	Skylark	17111288	8437
1988-1984	3.0L (L) 181"	Skylark, Somerset	17111288	8437
1986	3.0L (L) 181"	LeSabre	17111288	8437
1998-1994	3.1L (M) 191"	Century, Regal, Skylark	17112350	8442
1996-1994	3.1L (T) 191"	Century	17112649	8470
1992-1989	3.1L (T) 191"	Regal	17112350, 351	8442
1993-1992	3.3L (N) 204"	Skylark	17112650	8446
1992-1989	3.3L (N) 204"	Skylark	17112145	8446
1991-1990	3.3L (N) 204"	Somerset	17112145	8446
1991-1989	3.3L (N) 204"	Century	17112145	8446
1998-1997	3.8L (K,1) 231"	Park Avenue	17112929	8452
1998-1997	3.8L (1) 231"	Century, Regal	17112929	8452
1998-1996	3.8L (K) 231"	LeSabre	17112929	8452
1998-1996	3.8L (K) 231"	Century, Regal	17112929	8452
1998-1996	3.8L (K) 231"	Regal	17112929	8452
1998-1995	3.8L (K,1) 231"	Riviera	17112929	8452
1996-1995	3.8L (K) 231"	Electra	17112929	8452
1996-1991	3.8L (L,1) 231"	Century, Electra, LeSabre, Reatta, Regal, Riviera	17112479,649	8470
1990-1988	3.8L (C) 231"	Electra, LeSabre, Reatta	17112145,25533222	8446
1987-1986	3.8L (B,3) 231"	Century, Electra, LeSabre, Reatta, Riviera	25527077	8437
1987-1986	3.8L (7) 231"	Regal, Grand National (w/Turbo)	25527077	8437
1985	3.8L (3) 231"	Century, Electra, Park Avenue	25530695	8438
1985	3.8L (B) 231"	Park Avenue, Riviera	25527077	8437
1985-1984	3.8L (9) 231"	Regal, Grand National, Riviera (w/Turbo)	25530695	8438
<b>8 cyl.</b>				
1992-1991	5.0L (E) 305"	Roadmaster	17111460	8437
1996-1995	5.7L (P) 350"	Roadmaster	17113188	8458
1994	5.7L (P) 350"	Roadmaster	17113099	8443
1993-1991	5.7L (7) 350"	Roadmaster	17111460, 25527077	8437

## CADILLAC

<b>4 cyl.</b>				
1987	2.0L (1) 121"	Cimarron	17111816	8440
1986-1983	2.0L (P) 121"	Cimarron	17079256,599,17111460	8437
<b>6 cyl.</b>				
1988-1987	2.8L (W) 173"	Cimarron	17111809,17112350	8442
1986-1985	2.8L (W) 173"	Cimarron	17111288, 25527077	8437
<b>8 cyl.</b>				
1998	4.6L (9) 281"	Eldorado, Seville	17113208,17113388	8453
1997-1996	4.6L (Y,9) 281"	Concours, DeVille, Eldorado, Seville	17113208,17113288	8453
1992-1990	5.0L (E) 305"	Brougham, DeVille, Fleetwood	17111460,25527077	8437

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
<b>CADILLAC 8 cyl (Contd)</b>				
1996-1995	5.7L (P) 350"	Brougham, Fleetwood	17113188	8458
1994	5.7L (P) 350"	Brougham	17113099	8443
1993-1990	5.7L (7) 350"	Brougham, DeVille, Fleetwood	17111460,25527077	8437

## CHEVROLET

### 4 cyl.

1989-1987	2.0L (1) 121"	Beretta, Cavalier, Corsica	17111816	8440
1986-1983	2.0L (P) 121"	Cavalier	17079256,599,17111460	8437
1998	2.2L (4) 134"	Cavalier	17113297	8454
1996-1993	2.2L (4) 134"	Beretta, Corsica	17112898	8449
1992	2.2L (4) 134"	Cavalier	17111823	8439
1991-1990	2.2L (G) 134"	Beretta, Cavalier, Corsica	17111816	8440
1995	2.3L (D) 138"	Cavalier	17113167	8454
1994	2.3L (A) 138"	Beretta, Corsica	17113112	8451
1993-1990	2.3L (A) 138"	Beretta, Corsica	17111826	8441
1998-1996	2.4L (T) 146"	Cavalier	17113200	8454
1992-1987	2.5L (R) 151"	Celebrity, Lumina	17111826	8441
1986-1985	2.5L (R,2) 151"	Camaro, Celebrity, Citation	17079256,17111460	8437
1984-1982	2.5L (R,2) 151"	Camaro, Celebrity, Citation	17078220	8435

### 6 cyl.

1989-1987	2.8L (W) 173"	Beretta, Cavalier, Celebrity, Corsica	17111809,17112351	8442
1989-1985	2.8L (S,W) 173"	Camaro, Cavalier, Celebrity, Citation	17111288	8437
1998-1997	3.1L (M) 191"	Malibu	17112350	8442
1998-1994	3.1L (M) 191"	Beretta, Corsica, Lumina, Monte Carlo	17112350	8442
1994-1992	3.1L (T) 191"	Cavalier	17112350	8442
1992-1990	3.1L (T) 191"	Beretta, Camaro, Cavalier, Celebrity, Corsica, Lumina	17112349,17112351	8442
1997	3.4L (X) 207"	Lumina	17112966	8455
1997	3.4L (X) 207"	Malibu	17113297	8454
1996	3.4L (X) 207"	Monte Carlo	17112966	8455
1995-1993	3.4L (S) 207"	Camaro	17112350	8442
1995-1991	3.4L (X) 207"	Lumina, Monte Carlo	17112349	8442
1998	3.8L (K) 231"	Lumina, Monte Carlo	17112929	8452
1998-1996	3.8L (K) 231"	Camaro	17112929	8452
1996-1995	4.3L (W) 265"	Caprice	17113188	8458
1993-1989	4.3L (Z) 262"	Caprice	17111460	8437
1989-1985	4.3L (Z) 262"	Caprice, Monte Carlo	17079256,17111460	8437

### 8 cyl.

1995	4.3L (W) 265"	Caprice	17112350	8442
1994	4.3L (W) 265"	Caprice	17113099	8443
1993-1988	5.0L (E) 305"	Camaro, Caprice	17111460, 25527077	8437
1992	5.0L (F) 305"	Camaro	17112193	8445
1989-1985	5.0L (F) 305"	Camaro	17111288	8437
1983-1982	5.0L (S,7) 305"	Camaro (w/Crossfire injection)	17078832	8436
1998	5.7L (G) 350"	Camaro	17113391	8461
1997-1995	5.7L (P) 350"	Caprice	17113188	8458
1996	5.7L (P) 350"	Camaro	17113188	8458
1996	5.7L (5) 350"	Corvette	17113188	8458
1996-1995	5.7L (P) 350"	Corvette	17113188	8458
1995-1994	5.7L (P) 350"	Camaro	17113099	8443

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YEAR	ENGINE	MODEL	OE #	PART #
<b>CHEVROLET 8 cyl (Contd)</b>				
1995-1994	5.7L (P) 350"	Corvette	17113099	8443
1995-1993	5.7L (3) 350"	Corvette	17112350	8442
1995-1992	5.7L (J) 350"	Corvette	17112350	8442
1994	5.7L (P) 350"	Caprice	17113099	8443
1993-1991	5.7L (7) 350"	Caprice	17111460, 25527077	8437
1993-1989	5.7L (P,8) 350"	Camaro, Corvette	17112193	8445
1992-1990	5.7L (J) 350"	Corvette	17112351	8442
1989-1985	5.7L (8) 350"	Camaro, Corvette	17111288	8437
1984-1982	5.7L (8) 350"	Corvette (w/Crossfire injection)	17078832	8436

## CHEVROLET TRUCK

### 4 cyl.

1997-1994	2.2L (4) 134"	S Series	17112898	8449
1993-1987	2.5L (A,E) 151"	Astro Van, S, T Series	17111826	8441
1990	2.5L (E) 151"	Astro Van	25527077	8437
1987-1985	2.5L (E) 151"	Astro Van, S, T Series	17079256, 17111460	8437
1996	3.4L (E) 207"	Lumina APV	17112350	8442

### 6 cyl.

1993-1986	2.8L (R) 173"	S, T Series	17111460, 25527077	8437
1995-1990	3.1L (D) 191"	Lumina APV	17111460, 25527077	8437
1998-1997	3.4L (E) 207"	Venture	17112350	8442
1996	3.4L (E) 207"	Lumina APV	17112350	8442
1995-1992	3.8L (L) 231"	Lumina APV	17112649	8470
1998-1996	4.3L (Z) 262"	Astro Van, S Series (TBI)	17113209	8456
1998-1996	4.3L (W,X) 262"	C, G, K, P, 1, 2, 3 Pickup	17113209	8456
1996-1991	4.3L (W) 262"	P3	17111788	8443
1996-1986	4.3L (Z) 262"	Astro Van, C, G, K Pickups, S, T Series	17111460, 25527077	8437
1995-1993	4.3L (W) 262"	Astro Van, S, T Series	17112648	8442
1995-1993	4.3L (W) 262"	S Series	17112966	8455
1994-1990	4.3L (B,L) 262"	Astro Van	17111460, 25527077	8437
1994-1990	4.3L (Z) 262"	Astro Van	25527077	8437
1992	4.3L (W) 262"	Astro Van, S, T Series	17112712	8448
1992	4.3L (W) 262"	Astro Van	17111826	8441
1991-1990	4.3L (B) 262"	Astro Van	25527077	8437

### 8 cyl.

1999-1996	5.0L (M) 305"	C, G, K, 1, 2, 3 Pickup	17113209	8456
1995-1987	5.0L (H) 305"	Blazer, C, K, G, R, V Pickups	17111460, 25527077	8437
1999-1996	5.7L (R) 350"	C, G, K, P, 1, 2, 3 Pickup	17113209	8456
1996-1987	5.7L (K) 350"	Blazer, C, K, G, R, V Pickups	17111460, 25527077	8437
1994-1992	5.7L (K) 350"	C, K, Pickups/Van (w/Elec Spd Govn.)	17112366	8457
1997-1990	6.0L (B) 366"	C50, 60, 70	17112203	8442
1996-1990	7.0L (E) 427"	C50, 60, 70	17112203	8442
1999-1996	7.4L (J) 454"	C, G, K, P, 1, 2, 3 Pickup	17113209	8456
1996-1987	7.4L (N) 454"	Blazer, C, K, G, P, R, V Pickups, Van	17111788	8443

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
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## CHRYSLER

### 4 cyl.

1998	2.0L (C) 122"	All (Exc.Turbo)	4796503,4861083	8462
1998-1995	2.0L (Y) 122"	Sebring	4669480,4796503	8462
1992-1987	2.2L (A,C,P) 135"	All (w/Turbo II)	4300494,4307897,4467002	8467
1991-1986	2.2L (A,C,D,E,F,P) 135"	All	4288298,4300264,4419639	8466
1998	2.4L (X) 148"	Sebring	4861164AA	8463
1998	2.4L (X) 148"	All	4861164AA	8463
1997-1995	2.4L (X) 148"	All	4612491,4861084	8466
1998	2.5L (H) 153"	Cirrus (24V)	4861083	8468
1998-1997	2.5L (N) 153"	Sebring	4861083	8468
1998-1995	2.5L (H) 153"	All	4573367,4861083	8468
1992-1989	2.5L (J) 153"	All (w/Turbo II)	4300494	8466
1991-1986	2.5L (J,K,L) 153"	All	4298298,4300264,4419639	8466

### 6 cyl.

1996-1987	3.0L (R,3) 181"	All	4419639,4458355,4612453	8466
1997-1993	3.3L (T) 201"	All	4573367,4861083	8468
1997-1991	3.3L (R) 201"	All	4612159,673,5277513	8469
1990	3.3L (R) 201"	All	4458366	8468
1997-1993	3.5L (F) 215"	All	4573368,4612673	8469
1995-1991	3.8L (L) 231"	All	4612159,673,5277513	8469

## DODGE

### 4 cyl.

1999-1998	1.8L (A) 110"	All	4874432	8464
1999-1997	2.0L (C,Y) 122"	Neon	4874432	8464
1998-1996	2.0L (Y) 122"	Avenger	4669480,4796503	8462
1998-1995	2.0L (C) 122"	Stratus	4669480,4796503	8462
1998-1995	2.0L (C) 122"	All (Exc.Turbo)	4796503	8462
1997-1995	2.0L (C) 122"	Neon	4669480,4796503	8462
1997-1995	2.0L (Y) 122"	Neon (DOHC)	4669248,4773817	8434
1995-1986	2.2L (A,C,D,E,F,P) 135"	All	4288298,4300264,4419639, 4612453	8466
1993-1991	2.2L (A,C,P) 135"	All (w/Turbo III)	4669473,5277839,5283297	8469
1990-1987	2.2L (A,C,P) 135"	All (w/Turbo II)	4300494,4307897,4467002	8466
1998	2.4L (X) 148"	Stratus	4861164AA	8463
1997-1995	2.4L (X) 148"	All	4612491,4861084	8466
1998-1995	2.5L (H) 153"	All	4458366,4573367,4861083	8468
1997	2.5L (N) 153"	All	4573367,4861083	8468
1995-1993	2.5L (V) 153"	All (w/FFV)	4300494	8467
1995-1993	2.5L (K) 153"	All	4612453	8466
1992-1989	2.5L (J) 153"	All (w/Turbo II)	4300494	8466
1991-1986	2.5L (J,K,L) 153"	All	4298298,4300264,4419639	8466

### 6 cyl.

1995	3.0L (3) 181"	All	4612453	8466
1994-1989	3.0L (R,3) 181"	All	4419639,4458355	8466
1988-1987	3.0L (3) 181"	All	4458366,4573367,4861083	8468
1997	3.3L (T) 201"	Intrepid	4861083	8468
1996-1993	3.3L (U) 201"	All	4458366,4573367,4861083	8468
1993-1991	3.3L (R) 201"	All	4458355	8466
1992-1991	3.3L (R) 201"	All	4612159,5277513	8469
1990	3.3L (R) 201"	All	4458366,4861083	8468
1997-1993	3.5L (F) 215"	All	4612673	8469

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
<b>DODGE TRUCK</b>				
<b>4 cyl.</b>				
1998	2.4L (B) 148"	All	4861164AA	8463
1997	2.4L (B) 148"	All	4612740	8467
1997-1996	2.4L (Y) 148"	All (DOHC)	4612740	8467
1997	2.5L (G) 153"	Dakota	4798376	8459
1996-1988	2.5L (J,K) 153"	All	4288298,4300264,4458355, 4612453	8466
<b>6 cyl.</b>				
1998	3.0L (3) 181"	All	4861164A	8463
1997-1996	3.0L (3) 181"	All	4612491	8466
1995	3.0L (3) 181"	All	4612453	8466
1994-1989	3.0L (3) 181"	All	4458355	8466
1988-1987	3.0L (3) 181"	All	4458366,4861083	8468
1999-1998	3.3L (T) 201"	All	4861099AA	8433
1997-1994	3.3L (R) 201"	All	4612159	8469
1994-1992	3.3L (R) 201"	All	5277839	8469
1991	3.3L (R) 201"	All	4612159	8469
1990	3.3L (R) 201"	All	4458366,4861083	8468
1999-1998	3.8L (H) 231"	All	4861099AA	8433
1997-1994	3.8L (L) 231"	All	4612159	8469
1994-1992	3.8L (L) 231"	All	5277839, 4669473	8469
1998-1992	3.9L (X) 239"	All	53009735,53030450, 53030657AB	8420
<b>8 cyl.</b>				
1998-1992	5.2L (Y) 318"	All	53009735,53030450, 53030657AB	8420
1998-1992	5.9L (Z) 360"	All	53030450,53030657AB	8420
<b>10 cyl.</b>				
1998-1994	8.0L (W) 488"	All	53030450,53030657AB	8420

## EAGLE

<b>4 cyl.</b>				
1998-1997	2.0L (F,Y) 122"	Talon (Exc.Turbo)	4769503	8462
1996-1995	2.0L (Y) 122"	Talon (Exc.Turbo)	4669480,4796503	8462
<b>6 cyl.</b>				
1997-1993	3.3L (T) 201"	Vision	4861083	8468
1997-1994	3.5L (F) 215"	Vision	4612673	8469

## GEO

<b>4 cyl.</b>				
1990	1.5L (9) 92"	Spectrum (w/Turbo)	17112132	8440
1993-1990	1.6L (3,5,6) 98"	Storm	17111826	8441
1993-1992	1.8L (8) 110"	Storm	17111826	8441

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
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## GMC TRUCK

### 4 cyl.

1997-1994	2.2L (4) 134"	S Series	17112898	8449
1995-1994	2.2L (4) 134"	Post Office Vehicle	17112898	8449
1993-1987	2.5L (A,E) 151"	Safari Van, S, T Series	17111826	8441
1990	2.5L (E) 151"	Safari Van	25527077	8437
1987-1985	2.5L (E) 151"	Safari Van, S, T Series	17079256,17111460	8437

### 6 cyl.

1993-1986	2.8L (R) 173"	S, T Series	17111460, 25527077	8437
1998-1996	4.3L (Z) 262"	Safari Van, S Series (TBI)	17113209	8456
1998-1996	4.3L (W,X) 262"	C, G, K, P, 1, 2, 3 Pickup	17113209	8456
1996-1991	4.3L (W) 262"	P3	17111788	8443
1996-1986	4.3L (Z) 262"	Safari Van	17111460, 25527077	8437
1995-1993	4.3L (W) 262"	Safari Van, S, T Series	17112648	8442
1995-1993	4.3L (W) 262"	S Series	17112966	8455
1994-1990	4.3L (B,L) 262"	Safari Van	17111460, 25527077	8437
1994-1990	4.3L (Z) 262"	Safari Van	25527077	8437
1993-1992	4.3L (Z) 262"	Typhoon	17112193	8445
1992	4.3L (W) 262"	Safari Van, S, T Series	17112712	8448
1992	4.3L (W) 262"	Safari Van	17111826	8441
1992-1991	4.3L (Z) 262"	Syclone	17112193	8445
1991-1990	4.3L (B) 262"	Safari Van	25527077	8437

### 8 cyl.

1999-1996	5.0L (M) 305"	C, G, K, 1, 2, 3 Pickup	17113209	8456
1995-1987	5.0L (H) 305"	C, K Pickup	17111460, 25527077	8437
1999-1996	5.7L (R) 350"	C, G, K, P, 1, 2, 3 Pickup	17113209	8456
1996-1987	5.7L (K) 350"	C, K Pickup	17111460, 25527077	8437
1994-1992	5.7L (K) 350"	C, K Pickup/Van (w/Elec Spd Govn.)	17112366	8457
1997-1990	6.0L (B) 366"	C50, 60, 70	17112203	8442
1996-1990	7.0L (E) 427"	C50, 60, 70	17112203	8442
1999-1996	7.4L (J) 454"	C, G, K, P, 1, 2, 3 Pickup	17113209	8456
1996-1987	7.4L (N) 454"	C, K, P, Pickup, Vans	17111788	8443

## HONDA

### 6 cyl.

1997-1994	3.2L (6VDI) 195"	Passport	17112648	8442
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## ISUZU

### 4 cyl.

1993-1991	1.6L (4,5,6) 97"	Stylus	8-17111826-0	8441
1992-1990	1.6L (4,5) 97"	Impulse	8-17111826-0	8441
1993-1992	1.8L (8) 110"	Stylus	8-17111826-0	8441
1992	1.8L (8) 110"	Impulse	8-17111826-0	8441

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
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## ISUZU TRUCK

### 4 cyl.

1997-1996	2.2L (4) 133"	Hombre	8-17112-898-0	8449
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### 6 cyl.

1995-1993	2.6L (E) 156"	Rodeo	8-17112648-0	8442
1991-1990	2.8L (R) 173"	Pickup	8-17111460-0	8437
1991-1989	2.8L (R) 173"	Trooper, Trooper II	8-17111460-0	8437
1988	2.8L (R) 173"	Trooper II	8-17111460-0	8437
1995-1991	3.1L (Z) 189"	Rodeo	8-17111460-0	8437
1995-1993	3.2L (V) 193"	Rodeo	8-17112648-0	8442
1995-1992	3.2L (V) 193"	Trooper, Trooper II	8-17112648-0	8442
1998-1997	4.3L (X) 262"	Hombre	8-17113-209-0	8456

## JEEP

### 4 cyl.

1999-1998	2.5L (P) 151"	Cherokee, Wrangler	4874372	8432
1997-1991	2.5L (P) 151"	Cherokee, Wrangler	4637073,4798376	8459
1993-1991	2.5L (P) 151"	Cherokee, Comanche, Wrangler	4626053,4637073	8459

### 6 cyl.

1989-1986	2.8L (W) 173"	Cherokee, Comanche	8983503643	8460
1999-1998	4.0L (S) 242"	Cherokee, Grand Cherokee, Wrangler	4874373	8432
1997-1994	4.0L (S) 242"	Wrangler	4637071,4798377	8430
1997-1991	4.0L (S) 242"	Cherokee, Grand Cherokee	4626052,4637071,4798377	8430
1993-1991	4.0L (S) 242"	Comanche, Wagoneer	4626052,4637071	8430
1990-1986	4.0L (L,M) 242"	Cherokee, Comanche, Wagoneer	8983503643	8460

### 8 cyl.

1998-1993	5.2L (P,Y) 318"	Cherokee Wagoneer, Grand Cherokee	53009735,53030450,53030657AB	8420
1998	5.9L (Z) 360"	Grand Cherokee	5303065AB	8420
1997	5.9L (Z) 360"	Grand Cherokee	4861083	8468

## OLDSMOBILE

### 4 cyl.

1986-1982	1.8L (O) 111"	Firenza	17079256,17111460	8437
1989-1987	2.0L (K) 121"	Firenza	17111823	8439
1989-1987	2.0L (1) 121"	Firenza	17111816	8440
1986-1983	2.0L (P) 121"	Firenza	17079256,17111460	8437
1986-1983	2.0L (P) 121"	Firenza	17079599	8438
1996-1993	2.2L (4) 134"	Ciera	17112898	8449
1995	2.3L (D) 138"	Achieva	17113167	8454
1994	2.3L (A,D,3) 138"	Achieva	17113112	8451
1993-1992	2.3L (3) 138"	Achieva	17111826	8441
1993-1990	2.3L (A,D) 138"	Achieva, Calais	17111826	8441
1989-1987	2.3L (D) 138"	Calais	17111946	8447
1999-1997	2.4L (T) 146"	Achieva	17113297	8454
1996-1995	2.4L (T) 146"	Achieva	17113200	8454
1992-1987	2.5L (R,U) 151"	Calais, Ciera	17111826	8441



# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
<b>OLDSMOBILE 4 cyl (Contd)</b>				
1986-1985	2.5L (R,U) 151"	Calais, Ciera	17079256,17111460	8437
1984-1982	2.5L (R) 151"	Ciera, Omega	17078220	8435
<b>6 cyl.</b>				
1989	2.8L (W) 173"	Cutlass	17112350,351	8442
1989-1987	2.8L (W) 173"	Ciera	17111809,17112350	8442
1988	2.8L (W) 173"	Cutlass	17111809	8442
1987	2.8L (W) 173"	Firenza	17111809	8442
1986-1985	2.8L (W) 173"	Ciera, Firenza	17111288	8437
1988-1985	3.0L (L) 181"	Calais	17111288	8437
1986	3.0L (L) 181"	Custom Cruiser, Delta 88	17111288	8437
1998-1994	3.1L (M) 191"	Achieva	17112350	8442
1997-1993	3.1L (M) 191"	Cutlass	17112350	8442
1996-1994	3.1L (M) 191"	Ciera	17112649	8470
1996-1994	3.1L (M) 191"	Cutlass Ciera	17112649	8470
1993-1989	3.1L (T) 191"	Cutlass	17112350, 351	8442
1993-1992	3.3L (N) 204"	Achieva, Cutlass Ciera	17112145,650	8446
1992-1989	3.3L (N) 204"	Ciera	17112145,25533222	8446
1991-1989	3.3L (N) 204"	Calais	17112145,25533222	8446
1996	3.4L (X) 207"	Cutlass Supreme	17112966	8455
1995-1991	3.4L (X) 207"	Cutlass	17112349	8442
1998	3.8L (K) 231"	Intrigue	17112929	8452
1996-1995	3.8L (K) 231"	88 Delta, 98 Regency	17112929	8452
1995-1991	3.8L (L) 231"	Ciera, Delta 88, Regency 98, Toronado, Trofeo	17112479,649	8470
1991-1988	3.8L (C) 231"	Delta 88	17112145,25533222	8446
1990-1989	3.8L (C) 231"	Regency 98	17112145,25533222	8446
1990-1988	3.8L (C) 231"	Toronado, Trofeo	17112145,25533222	8446
1988-1986	3.8L (B,2,3) 231"	Ciera, Delta 88, Regency 98	25527077	8437
1987-1986	3.8L (B,3) 231"	Toronado, Trofeo	25527077	8437
1985-1984	3.8L (3) 231"	Ciera, Regency 98	17079599,25530695	8438
<b>8 cyl.</b>				
1998-1996	4.0L (C) 244"	Aurora	17113208,17113288	8453
1992-1991	5.0L (E) 305"	Custom Cruiser, Delta 88, Station Wagon	17111460,25527077	8437
1992	5.7L (7) 350"	Custom Cruiser, Delta 88, Station Wagon	17111460,25527077	8437

## OLDSMOBILE TRUCK

<b>4 cyl.</b>				
1996-1993	2.3L (G) 138"	Silhouette (Exp)	17111826	8446
<b>6 cyl.</b>				
1995-1990	3.1L (D) 191"	Silhouette	17111460	8437
1998-1996	3.4L (E) 207"	Silhouette	17112350	8442
1995-1992	3.8L (L) 231"	Silhouette	17112649	8470
1992	3.8L (L) 231"	Silhouette	17111460	8437
1995-1991	4.3L (Z) 262"	Bravada (TBI)	17111460,25527077	8437
1992	4.3L (W) 262"	Bravada (CPI)	17112712	8448

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
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## PLYMOUTH

### 4 cyl.

1999-1998	1.8L (A) 110"	All	4874432	8464
1999-1998	1.8L (A) 110"	All	4874432	8464
1999-1997	2.0L (C,Y) 122"	Neon	4874432	8464
1999-1997	2.0L (C,Y) 122"	Neon	4874432	8464
1998	2.0L (C) 122"	All (Exc.Turbo)	4796503	8462
1998-1996	2.0L (C) 122"	Breeze	4669480,4796503	8462
1997-1995	2.0L (C) 122"	Neon	4669480,4796503	8462
1997-1995	2.0L (Y) 122"	Neon (DOHC)	4669248,4773817	8434
1995-1987	2.2L (A,C,P) 135"	All (w/Turbo II)	4300494,4307897,4467002	8467
1995-1986	2.2L (A,C,D,E,F,P) 135"	All	4288298,4300264,4419639, 4458355,4612453	8466
1993-1991	2.2L (D) 135"	All	4612159,673,5277839	8469
1998	2.4L (X) 148"	Breeze	4861164AA	8463
1998	2.4L (X) 148"	Breeze	4861164AA	8463
1998-1995	2.5L (H) 153"	All	4861083	8468
1995-1989	2.5L (J) 153"	All (w/Turbo II)	4300494	8467
1995-1986	2.5L (J,K,L) 153"	All	4298298,4300264,4419639, 4612453	8466
1991	2.5L (K) 153"	All	4612159,673,5277839	8469

### 6 cyl.

1995-1989	3.0L (R,3) 181"	All	4419639,4458355,4612453	8466
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## PLYMOUTH TRUCK

### 4 cyl.

1996	2.4L (Y) 144"	All (DOHC)	4612740	8467
1995-1988	2.5L (K) 153"	All	4458355,4612453	8466

### 6 cyl.

1996-1989	3.0L (3) 181"	All	4458355,4612453,491	8466
1988-1987	3.0L (3) 181"	All	4458366,4861083	8468
1996-1991	3.3L (R) 201"	All	4612159,5277839	8469
1994-1991	3.3L (R) 201"	All	4458355	8466
1990	3.3L (R) 201"	All	4458366,4861083	8468
1996-1991	3.8L (L) 231"	All	4612159,5277839	8469

## PONTIAC

### 4 cyl.

1993-1988	1.6L (6) 98"	LeMans	17111826	8441
1986-1984	1.8L (J) 111"	Sunbird (w/Turbo)	17111288	8437
1986-1982	1.8L (O) 111"	Sunbird	17079256,17111460, 25527077	8437
1994-1992	2.0L (H) 121"	Sunbird	17111946	8447
1991-1989	2.0L (K) 121"	Sunbird	17112149	8444
1990-1988	2.0L (K) 121"	LeMans	17111823	8439
1990-1987	2.0L (M) 121"	Grand AM, Sunbird (w/Turbo)	17111288	8437
1988-1987	2.0L (K) 121"	Sunbird	17111823	8439
1986-1983	2.0L (P) 121"	Sunbird	17079256,17111460	8437
1986-1983	2.0L (P) 121"	Sunbird	17079599	8438
1997-1995	2.2L (4) 134"	Sunfire	17112898	8449

# IDLE AIR CONTROL MOTORS

YEAR	ENGINE	MODEL	OE #	PART #
<b>PONTIAC 4cyl (Contd)</b>				
1995	2.3L (D) 138"	Grand AM, Sunfire	17113167	8454
1994	2.3L (A,D,3) 138"	Grand AM	17113112	8451
1993-1992	2.3L (3) 138"	Grand AM	17111826	8441
1993-1990	2.3L (D) 138"	Grand AM	17111826	8441
1993-1989	2.3L (A) 138"	Grand AM	17111826	8441
1991-1990	2.3L (D) 138"	Grand Prix	17111826	8441
1989-1988	2.3L (D) 138"	Grand AM	17111946	8447
1996	2.4L (T) 146"	Grand AM, Sunfire	17113200	8454
1991-1987	2.5L (R,U) 151"	Grand AM, 6000	17111826	8441
1988-1987	2.5L (R) 151"	Fiero	17111826	8441
1986-1985	2.5L (R) 151"	Fiero	17111460	8437
1986-1985	2.5L (R,U,2) 151"	Firebird, Grand AM, 6000	17079256,17111460	8437
1985-1984	2.5L (R) 151"	Fiero	17078220	8435
1984-1982	2.5L (R,2) 151"	Firebird, Phoenix, 6000	17078220	8435
<b>6 cyl.</b>				
1989-1988	2.8L (W) 173"	Grand Prix, 6000	17112350,351	8442
1989-1985	2.8L (S) 173"	Firebird	17111288	8437
1988-1987	2.8L (W) 173"	6000	17111809	8442
1988-1985	2.8L (9) 173"	Fiero	17111288	8437
1986-1985	2.8L (W) 173"	6000	17111288	8437
1987-1985	3.0L (L) 181"	Grand AM	17111288	8437
1998-1994	3.1L (M) 191"	Grand AM, Grand Prix	17112350	8442
1994-1991	3.1L (T) 191"	Sunbird	17112350,351	8442
1993-1989	3.1L (T) 191"	Grand Prix	17112350,351	8442
1992-1990	3.1L (T) 191"	Firebird	17112349	8442
1991-1988	3.1L (T) 191"	6000	17111809	8442
1993-1992	3.3L (N) 204"	Grand AM	17112650	8446
1999	3.4L (E) 207"	Grand AM	17112350	8442
1996	3.4L (X) 207"	Grand Prix	17112966	8455
1995-1993	3.4L (S) 207"	Firebird	17112350	8442
1995-1991	3.4L (X) 207"	Grand Prix	17112349	8442
1998-1997	3.8L (1) 231"	Grand Prix	17112929	8452
1998-1997	3.8L (K) 231"	Grand Prix	17112929	8452
1998-1996	3.8L (1) 231"	Bonneville	17112929	8452
1998-1995	3.8L (K) 231"	Bonneville	17112929	8452
1998-1995	3.8L (K) 231"	Firebird	17112929	8452
1995-1992	3.8L (L,1) 231"	Bonneville	17112479,649	8470
1991-1988	3.8L (C) 231"	Bonneville	17112145,25533222	8446
1989	3.8L (7) 231"	Firebird	25527077	8437
1988-1987	3.8L (3) 231"	Bonneville	25527077	8437
1987-1985	4.3L (Z) 262"	Bonneville, Grand Prix, Parisienne	17079256,17111460	8437
<b>8 cyl.</b>				
1992-1989	5.0L (F) 305"	Firebird	17112193	8445
1992-1988	5.0L (E) 305"	Firebird	17111460,25527077	8437
1988-1985	5.0L (F) 305"	Firebird	17111288,17111460	8437
1983-1982	5.0L (S,7) 305"	Firebird (w/Crossfire injection)	17078832	8436
1998	5.7L (G) 350"	Firebird	17112929	8452
1998	5.7L (G) 350"	Firebird	17113391	8461
1997-1995	5.7L (P) 350"	Firebird	17113188	8458
1995-1993	5.7L (P) 350"	Firebird	17113099	8443
1993-1989	5.7L (8) 350"	Firebird	17112193	8445
1988-1987	5.7L (8) 350"	Firebird	17111288	8437

# ***IDLE AIR CONTROL MOTORS***

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<b>YEAR</b>	<b>ENGINE</b>	<b>MODEL</b>	<b>OE #</b>	<b>PART #</b>
<b>PONTIAC TRUCK</b>				
<b>6 cyl.</b>				
1995-1990	3.1L (D) 191"	Trans Sport	17111460, 25527077	8437
1997-1996	3.4L (E) 207"	Trans Sport	17112350	8442
1995-1992	3.8L (L) 231"	Trans Sport	17112479, 649	8470

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## **SATURN**

<b>4 cyl.</b>				
1998-1991	1.9L (7,9) 116"	All	21007019	8441

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# IDLE AIR CONTROL MOTORS

<b>OEM INTERCHANGES</b>					
OEM #	PART #	OEM #	PART #	OEM #	PART #
	<b>CHRYSLER</b>	4861099AA	8433	17112649	8470
10456056	8459	4861164AA	8463	17112650	8446
10456205	8459	4874372	8431	17112712	8448
10456207	8459	4874373	8432	17112713	8448
10456209	8434	4874432	8464	17112898	8449
10456220	8459	5277513	8469	17112929	8452
10456222	8459	5277839	8469	17112966	8455
4237071	8468	5283297	8469	17113099	8443
4288298	8466	53009735	8420	17113112	8451
4298298	8466	53030450	8420	17113167	8454
4300264	8466	53030657	8420	17113188	8458
4300291	8468			17113200	8454
4300494	8467			17113208	8453
4300495	8468		<b>GM</b>	17113209	8456
4307897	8467	17078220	8435	17113297	8454
4307899	8466	17078832	8436	17113388	8453
4419639	8466	17079256	8437	17113391	8461
4458354	8466	17079599	8438	21007019	8441
4458355	8466	17089062	8437	22048225	8438
4458366	8468	17089063	8437	22048226	8437
4458367	8468	17111281	8437	24500167	8446
4458376	8468	17111286	8437	25527077	8437
4458611	8468	17111288	8437	25530695	8438
4467002	8467	17111460	8437	25533222	8446
4573367	8468	17111788	8443	8-17112-898-0	8449
4573368	8469	17111809	8442	8-17113-209-0	8456
4612159	8469	17111811	8442		
4612453	8466	17111816	8440		
4612491	8466	17111817	8440		<b>ISUZU</b>
4612673	8469	17111823	8439	8-17111460-0	8437
4612740	8467	17111826	8441	8-17111826-0	8441
4626052	8430	17111946	8447		
4626053	8459	17112131	8440		<b>JEEP</b>
4637071	8430	17112132	8440	4637071	8468
4637073	8459	17112145	8446	4798377	8468
4669248	8434	17112149	8444	8983503643	8460
4669248	8434	17112193	8445		
4669473	8469	17112203	8442		<b>SATURN</b>
4669480	8462	17112349	8442	21007019	8441
4773817	8434	17112350	8442		
4796503	8462	17112351	8442		
4798376	8459	17112351	8457		
4798377	8430	17112366	8470		
4861083	8468	17112479	8442		
4861084	8466	17112648			
4861085	8469				

# **IDLE AIR CONTROL MOTORS**

## **NUMERICAL LIST**

<b>PART #</b>	<b>APPLICATION &amp; YEAR</b>	<b>FIG. #</b>
8420	D TRK 92 .....	8
8430*	JEEP 91-97 .....	22
8431*	JEEP 98-99 .....	26
8432*	JEEP 98-99 .....	26
8433*	D TRK 98-99 .....	25
8434*	BUICK 96, CHEV, C TRK, GMC TRK, PONT 96-99, DODGE, PLY 95-97, ISUZU 97-98, OLDS 96-98 .....	27
8435	BUICK, CHEV, OLDS 82-84, PONT 82-85 .....	1
8436	CHEV 82-84, PONT 82-83 .....	2
8437	BUICK 84-88, 91-93, CAD 83-86, 90-92, CHEV 83-92, CHEV TRK, GMC TRK 85-92, ISUZU 88-91, OLDS 82-88, 90-92, PONT 82-92 Pintle Dia. .420 UNIVERSAL PART .....	3
8438	BUICK, OLDS, PONT 83-86 .....	4
8439	BUICK, OLDS 87-89, CHEV 92, PONT 87-90 .....	7
8440	BUICK, OLDS 87-89, CHEV 87-91 .....	5
8441	BUICK 87-93, CHEV, OLDS, PONT 87-92, C TRK, GMC TRK 87-91, GEO, ISUZU 90-92, SATURN 91-94 .....	5
8442	BUICK, OLDS, PONT 87-92, 94-95, CAD 87-88, CHEV 87-95, C TRK, GMC TRK 93-95 .....	5
8443	BUICK, OLDS 91-92, C TRK, GMC TRK 87-92, PONT 92 .....	5
8444	PONT 89-91 .....	5
8445	CHEV, PONT 89-92 Pintle Dia. .455 .....	3
8446	BUICK, PONT 88-93, OLDS 89-92 .....	11
8447	BUICK 88-89, OLDS 87-89, PONT 88-89, 92 .....	9
8448	C TRK, GMC TRK 92 .....	9
8449*	BUICK, CHEV, OLDS 93-96, CAD 93, C TRK, GMC TRK 94-97, ISUZU TRK 96-97, PONT 95-97 .....	13
8451*	BUICK, CHEV, OLDS, PONT 94 .....	21
8452*	BUICK, OLDS, PONT 95-98, CHEV 96-98 .....	18
8453*	CAD, OLDS 96-98 .....	16
8454*	BUICK, PONT 95-96, CHEV 95-98, OLDS 95-99 .....	19
8455*	CHEV 96-97, C TRK, GMC TRK 93-95, OLDS, PONT 96 .....	13
8456*	C TRK 96-99, GMC TRK 96-98, ISUZU TRK 97-98 .....	17
8457*	C TRK, GMC TRK 92-94 .....	20
8458*	BUICK, CAD 95-96, CHEV, PONT 95-97 .....	13
8459*	D TRK 97, JEEP 91-97 .....	12
8460*	JEEP 86-90 .....	6
8461*	CHEV, PONT 98 .....	15
8462*	CHRY, DODGE, PLY 95-98, EAGLE 95-96 .....	14
8463*	CHRY, DODGE, D TRK, PLY 98 .....	23
8464*	DODGE, PLY 97-99 .....	24
8466	CHRY, PLY 86-92, DODGE 86-94, D TRK 88-92 .....	6
8468	CHRY, DODGE, PLY 90, JEEP 91-92 .....	6
8469	CHRY, DODGE, PLY 91-92 .....	10
8470	BUICK, OLDS 93-94, CHEV 92-95, C TRK 94 .....	7

\*New in this Catalog

# ***IDLE AIR CONTROL MOTORS***

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FIG. 12

# ***IDLE AIR CONTROL MOTORS***

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FIG. 13



FIG. 14



FIG. 15



FIG. 16



FIG. 17



FIG. 18



FIG. 19



FIG. 20



FIG. 21



FIG. 22



FIG. 23

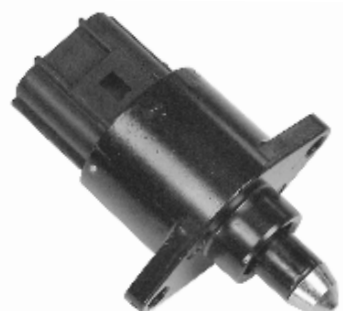


FIG. 24



FIG. 25

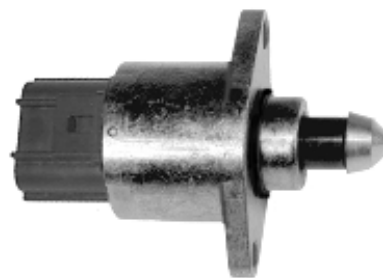


FIG. 26



FIG. 27