

CHEVROLET SERVICE NEWS

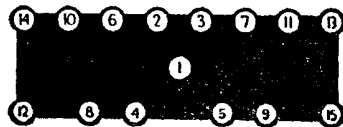
GENUINE CHEVROLET PARTS

Tension Wrench Settings for Various Jobs—(Pass. Car)

Foot pounds of torque for threads clean and dry. If threads are cleaned and oiled, applied torques should be reduced about 10%.

MAKE	CAR MODEL	YEAR	Cylinder Head		Connect- ing Rod Bearing Bolts	Main Bearing Caps	Fly Wheel to Crank- shaft	Manifolds			Spark Plugs	
			Cast Iron	Aluminum				Intake	Exhaust	Water	Cast Iron Heads	Aluminum Heads
Chevrolet	All	1939-40-41	75-80	—	*40-45	*100-110	*35-40	—	—	—	25-30 12-15	(14 M.M.) (10 M.M.)

When the engine is equipped with a cast-iron cylinder head the final tightening should be done with the engine fully warm. On the other hand, with an aluminum head the engine should be warmed up and then allowed to cool, before final tightening.



CHEVROLET
75-80 Pounds-Feet

Chevrolet		
Spark plugs 10 M.M.	12-15	
Spark plugs 14 M.M.	25-30	
Rocker arm support bolts and nuts	25-30	
Flywheel bolts	50-65	
Piston pin clamp bolt	25-35	
Clutch cover attaching bolts....	25-30	
Clutch fork ball nut	40-50	
Front bearing retainer bolts....	10-12	
Universal joint yoke attaching bolt	25-30	

FIRING ORDER

Chevrolet	
1935-46	1-5-3-6-2-4

SPARK PLUG GAP, INCHES

Chevrolet	
1935-36032-.035
1937-46040

BREAKER GAP, INCHES

Chevrolet	
1935-40018-.024
1941-42015-.024
1946018-.021

CARBURETOR IDLE ADJUSTMENT TURNS TO OPEN

Chevrolet	
1935	1/2-1 1/2
1936-41	1-2
1942-46	1 1/4-2 1/4

ENGINE OIL PRESSURE AT MPH

Chevrolet	
1935-36	12 @ 50
1937-39	13 @ 50
1940 Master	15 @ 43
1940 De Luxe	15 @ 40
1941-46	14 @ 21

CAM ANGLE, DEGREES

Chevrolet	
1935-37	36
1938-40	35
1941-46	39

VALVE TIMING

Data is for No. 1 Intake unless otherwise stated.

Abbreviations: TDC—Top dead center
BTDC—Before top dead center
ATDC—After top dead center

Chevrolet	
1935-39	9° BTDC
1940-46	3° BTDC

TAPPET CLEARANCE, EXHAUST

Note—(H), Hot; (C), Cold

Chevrolet	
1935-46013-.015H

TAPPET CLEARANCE, INTAKE

Note—(H), Hot; (C), Cold

Chevrolet	
1935-46006-.008H

CLUTCH FREE PEDAL TRAVEL, INCHES

Chevrolet	
1935-37	1
1938-46	1/4-1

TRANSMISSION CAPACITY, LBS.

Chevrolet	
1935-36 Standard	1 1/2
1935-36 Master	2 1/2
1937-46	1 1/2

REAR AXLE CAPACITY, LBS.

Chevrolet	
1935-36 Standard	3
1935-36 Master	4 1/2
1937	3 1/2
1938-39	3
1940-46	3 1/2

ENGINE OIL CAPACITY— REFILL QUARTS

Chevrolet	
1935-46	5

