

Torque Spec Database (<http://www.TorkSpec.com/torkspec.aspx>)

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Engine Torque Specifications

Torque Specifications for Ford 6.6L-400ci-V8

Connecting Rod To Crankshaft	
45	Ft-Lbs
540	In-Lbs
61.01	N-m

Years:All
Note:M - 3/8 in. Bolt on Cap

Type: **Dim:** **Length:** **Head:** **Grade:**

Crankshaft To Engine Block	
100	Ft-Lbs
1200	In-Lbs
135.58	N-m

Years:All
Note:M - Step 33-66-100

Type: **Dim:** **Length:** **Head:** **Grade:**

Cylinder Head To Engine Block

100	Ft- Lbs
-----	------------

Years:All

Note:M - Step 55-65-100

1200	In- Lbs
------	------------

135.58	N-m
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Type: **Dim:**

Length:

Head:

Grade:

Flywheel To Crankshaft

80	Ft- Lbs
----	------------

Years:All

Note:M

960	In- Lbs
-----	------------

108.47	N-m
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Type: **Dim:**

Length:

Head:

Grade:

Intake Manifold To Cylinder Head

30	Ft- Lbs
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Years:All

Note:M - 3/8in. Bolt - Step 10-20-30

360	In- Lbs
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40.67	N-m
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Type: **Dim:**

Length:

Head:

Grade:

Rocker Arm To Rocker Arm Stud

20	Ft- Lbs
----	------------

Years:All
Note:M

240	In- Lbs
-----	------------

27.12	N-m
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Type: **Dim:** **Length:** **Head:** **Grade:**

Thrust Plate To Engine Block

10	Ft- Lbs
----	------------

Years:All
Note:M - Red Loctite

120	In- Lbs
-----	------------

13.56	N-m
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Type: **Dim:** **Length:** **Head:** **Grade:**

Timing Chain/Belt Cover To Engine Block

15	Ft- Lbs
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Years:All
Note:M

180	In- Lbs
-----	------------

20.34	N-m
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Type: **Dim:** **Length:** **Head:** **Grade:**

Timing Chain/Belt Sprocket To Camshaft

42.5	Ft- Lbs
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Years:All
Note:M

510	In- Lbs
-----	------------

57.62	N-m
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Type: **Dim:** **Length:** **Head:** **Grade:**

Valve Cover To Cylinder Head

4	Ft- Lbs
---	------------

Years:All
Note:M

48	In- Lbs
----	------------

5.42	N-m
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Type: **Dim:** **Length:** **Head:** **Grade:**

Vibration Damper/Hub To Crankshaft

80	Ft- Lbs
----	------------

Years:All
Note:M

960	In- Lbs
-----	------------

108.47	N-m
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Type: **Dim:** **Length:** **Head:** **Grade:**

Water Pump To Engine Block

13.5

Ft-
Lbs

Years:All

Note:M

162

In-
Lbs

18.3

N-m

Type:

Dim:

Length:

Head:

Grade: