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## Installation Instructions for K10471 A/C Bracket for LS engines with F-body or GTO balancer

### Kit contents:

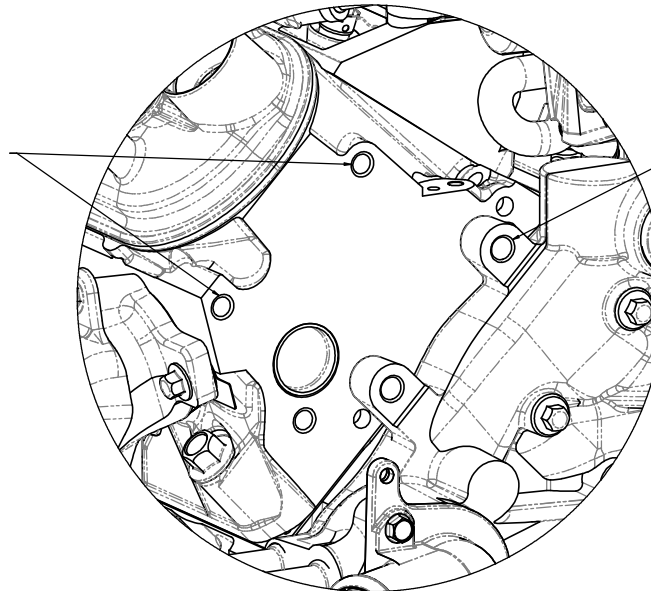
- Mounting plates
- Spacer tubes
- Fasteners
- Idler pulley
- Tensioner

### Additional parts required:

- Belt. See chart below.
- AC compressor, Sanden "508" style. Typical SD5 Sanden part number is 6629. However, we recommend the SD7 Sanden part number 4665 for smoother operation and less vibration.

Suggested belt length and Gates PN - K10471 AC bracket - Camaro spacing				
Factory GM Alt/PS bracket and pulley	Kwik Performance Alt/PS bracket K10167			Kwik Performance alternator only bracket K10194
	6.7" diameter power steering pulley	6.0" diameter power steering pulley	5.5" diameter power steering pulley	
100.25" K060997	99" K060984	98.13" K060975	97.13" K060966	92.13" K060915

These two threaded holes in the  
passenger side head will be used



This threaded hole in the  
water pump will be used



## Installation Instructions for K10471

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### 1. Install bracket bolts in head

Leave bolts finger tight to allow adjustment.

Rear plate

1" OD x 2-3/8" tube

1" OD x 13/16" Tubes

1" OD x 1/2" tube

1" OD x 3" tube

Water pump brace

Front plate

M10x120mm bolts  
screw into head  
until finger tight.

### 2. Install Water Pump Bolt

Water pump brace

After all 3 bolts are installed  
finger tight, lift up on the  
front plate to take the  
weight off the bolts, and  
tighten this bolt first.

After the first head bolt  
is tightened, tighten this  
head bolt second.

After the two head bolts  
are tightened, tighten the  
water pump bolt third.

1" OD x 13/16" tube

M10 x 40 bolt  
Screws into water pump

### 3. Bolt torque

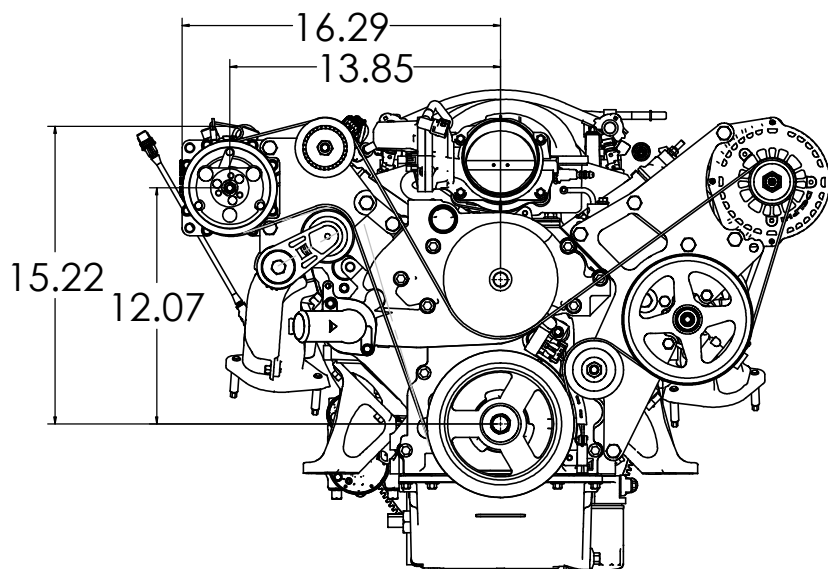
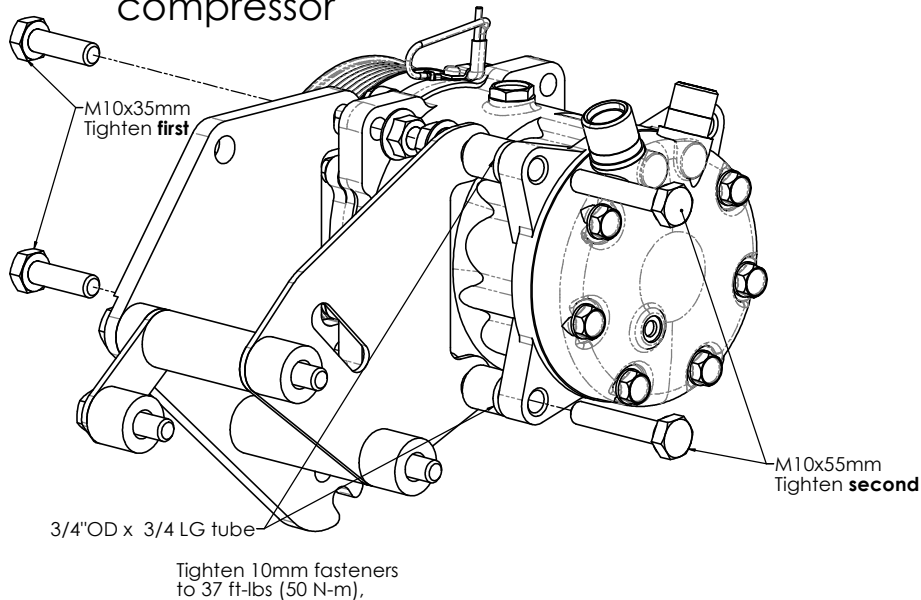
Tighten 10mm fasteners  
to 37 ft-lbs (50 N-m),



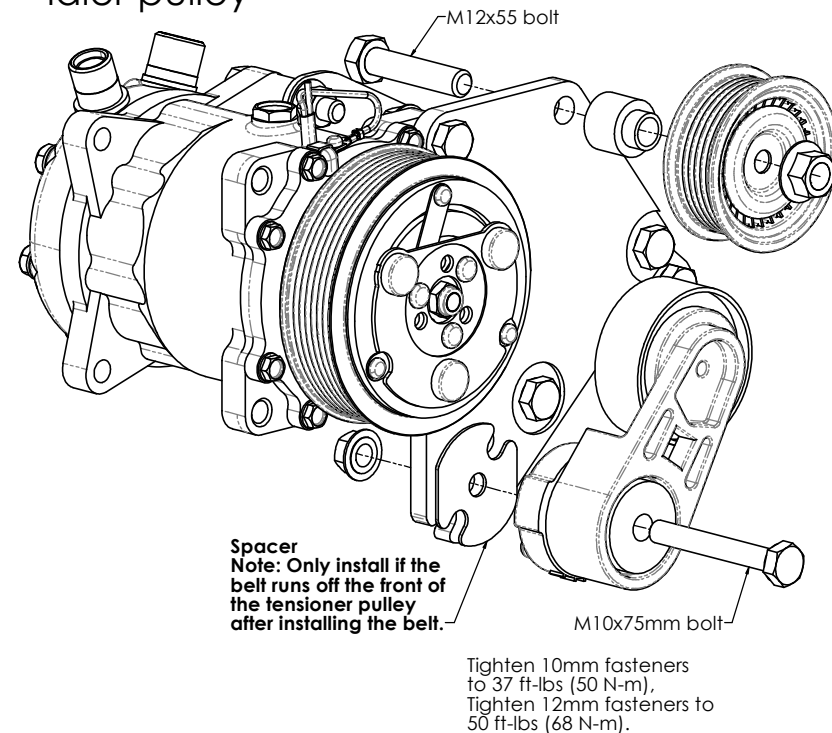
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### 4. Install compressor



### 5. Install tensioner & idler pulley



### 6. Install belt

See page 1 for belt length recommendations

**Note:**  
Install belt in rear 6 grooves of 7 groove 4665 compressor.  
Install belt in middle 6 grooves of 8 groove 4711 compressor.

**Note:**  
For best performance and longest life, the belt lengths suggested by Kwik Performance are the shortest belt that can be reasonably installed.

We recommend the following procedure:

1. When installing the serpentine belt, place the belt around all pulleys as shown in the diagram except for the water pump pulley.
2. Check to see that the belt is in the correct grooves of the AC compressor.
3. Check to make sure that the belt is seated all the way in the grooves of each grooved pulley.
4. Retract the tensioner all the way and slip the belt onto the water pump pulley.
5. Release the tensioner.