

INSTRUCTION SHEET

4.6L Dual Alternator Kit

P/N's: 8-751, 751, 8-752, 8-754, 8-755, 8-757, 8-758

We want to help! If you have any comments or difficulty with this product, please contact technical support at



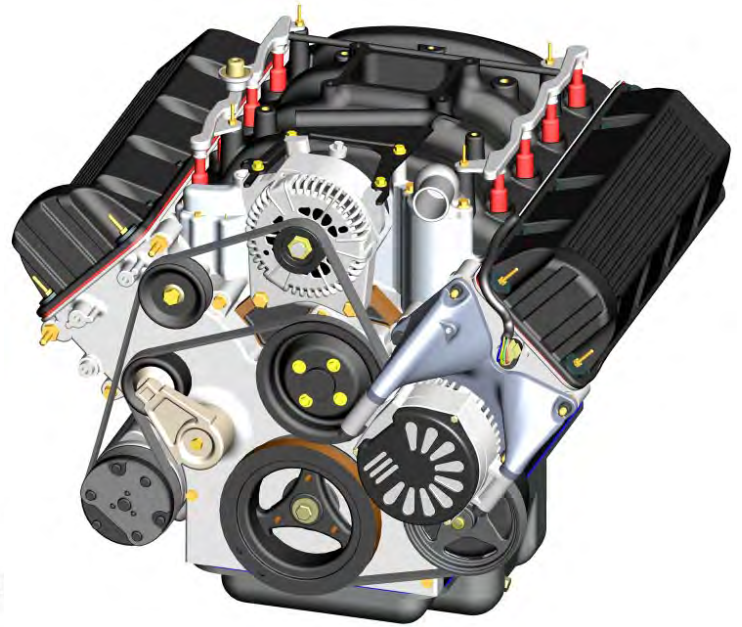
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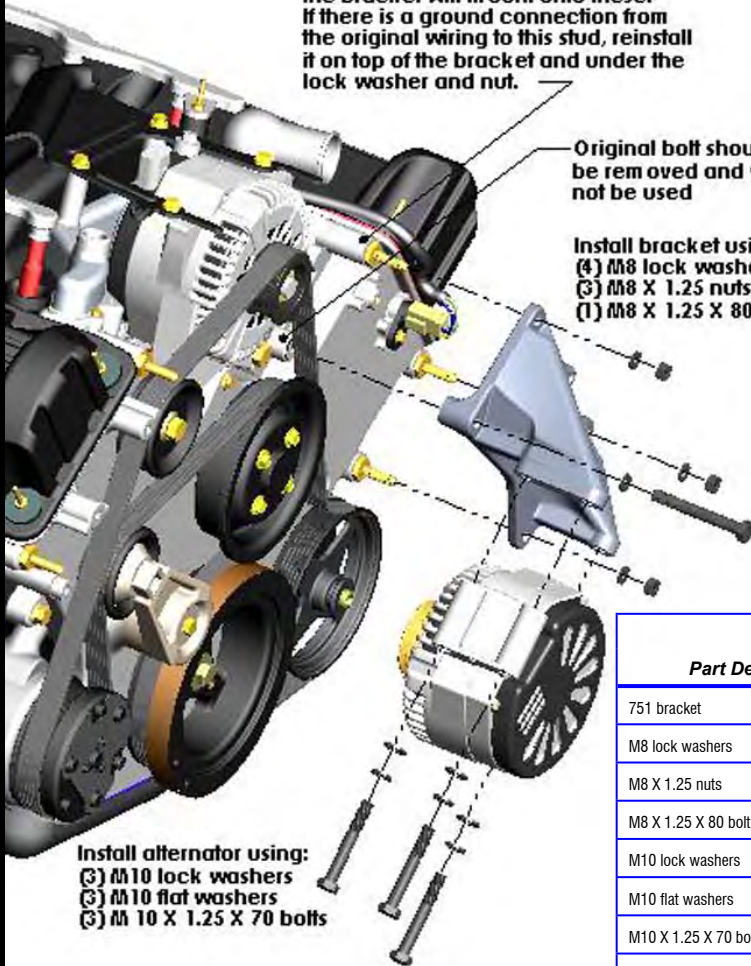
e-mail: support@powermastermotorsports.com



Do not remove (3) factory studs, the bracket will mount onto these. If there is a ground connection from the original wiring to this stud, reinstall it on top of the bracket and under the lock washer and nut.

Original bolt should be removed and will not be used

Install bracket using:
(4) M8 lock washer
(3) M8 X 1.25 nuts
(1) M8 X 1.25 X 80 bolt



Install alternator using:
(3) M10 lock washers
(3) M10 flat washers
(3) M 10 X 1.25 X 70 bolts

Part Description	P/N 751 Qty.	P/N 8-751 Qty.	P/N 8-752 Qty.	P/N 8-754 Qty.	P/N 8-755 Qty.	P/N 8-757 Qty.	P/N 8-758 Qty.
751 bracket	1	1	1	1	1	1	1
M8 lock washers	4	4	4	4	4	4	4
M8 X 1.25 nuts	3	3	3	3	3	3	3
M8 X 1.25 X 80 bolt	1	1	1	1	1	1	1
M10 lock washers	3	3	3	3	3	3	3
M10 flat washers	3	3	3	3	3	3	3
M10 X 1.25 X 70 bolts	3	3	3	3	3	3	3
Charge wire (72")	1	1	1	1	1	1	1
060-2116-0 (92.8" 6DPK2330) dbl. sd. belt		1	1	1	1		
060-2119-0 (95.0" 6DPK2410) dbl. sd. belt						1	1
7787 130 amp alternator (non/PCM)		1		1		1	1
8010 130 amp alternator (PCM controlled)			1		1		
37-0076-20-0 harness		1				1	
37-0085-20-0 harness			1				
37-0098-20-0 harness				1			1
37-0099-20-0 harness					1		

Second Alternator Kit for 2000-2005 4.6L applications 8-751, 8-752, 8-754, 8-755, 8-757, & 8-758

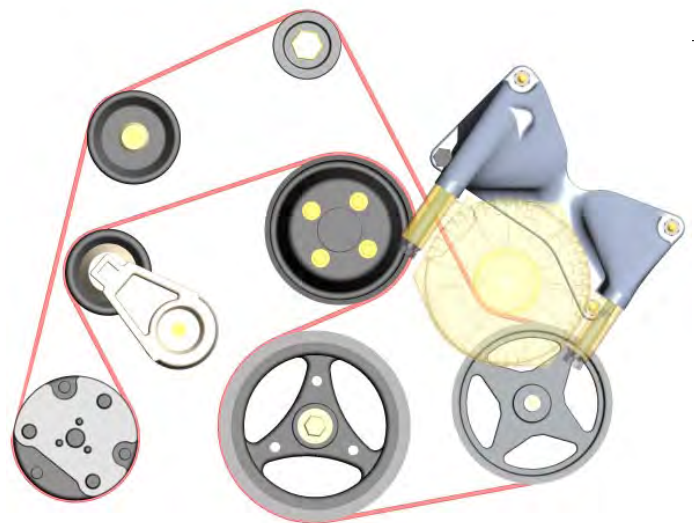
Installation instructions:

Note the installation steps should be followed in this order.

1. *On 2001 and earlier applications the power steering reservoir is mounted in the alternator bracket's position, it must be relocated. A 2002 and later fan shroud can be purchased to create a bolt for bolt transfer. No additional parts should be required.*
2. Loosely place the supplied double sided belt around all pulleys except the tensioner pulley. The belt route should be the same as is specified by the vehicle manufacturer. See the belt illustration for routing in respect to the second alternator.

Route supplied double sided belt in the same path as original belt.
*Note that the belt should be routed below the second alternator pulley.

3. Temporarily place the second alternator in the area where it will be mounted. The alternator should rest between the front of the engine and the fan shroud.
4. Install the bracket onto the engine as shown in the illustration.
5. Mount the secondary alternator to the bracket and tighten all nuts and bolts.
6. Make sure the belt is aligned with all pulleys, and then tighten by placing the belt over the tensioner pulley. Recheck belt to pulley alignment on all pulleys.



7. Install the supplied heavy gauge charge wire from the second alternator charge post to the positive battery post. The charge wire should be routed and secured along the top of the fan shroud.
8. Install the wiring harness.
For kit numbers 8-751, 8-752, & 8-757: Remove the plastic plug from the original alternator and plug it into the supplied harness. Insert the remaining plugs into each of the alternators. The yellow wire with the ring terminal should be placed onto the second alternator's charge post with the charge wire.
For kit numbers 8-754 & 8-758: Plug the supplied harness into the secondary alternator. The yellow wire with the ring terminal should be placed onto the second alternator's charge post with the charge wire. Route the wiring harness up to the original alternator. Using the blue tap connector, splice the green wire to the green with red striped wire in the vehicles alternator harness.
For kit number 8-755: Plug the supplied harness into the secondary alternator. The yellow wire with the ring terminal should be placed onto the second alternator's charge post with the charge wire. Route the supplied harness up to the original alternator. Using the blue tap connector, splice the harness's white wire to the center wire on the vehicles alternator harness plug.
9. Recheck all fasteners and connections. Start vehicle and check the belt and battery voltage.