



**Chrysler 318-360 Mid Mount A/C  
40490 Kit**

**40491 Alternator & A/C Bracket**

1-40491-A	Alt-A/C Front Main Bracket
1-40491-B	Alt-A/C Rear Support Bracket
1-20140-A	Alternator Re-Locator
1-740-A	Idler Pulley
1-302-A	Idler Pulley Cap
3-S022	8-32" x 3/8" SHCS
1-S144	5/16" x 7/8" SHCS
1-S217	5/16" x 2-1/4" Hex Head
1-S248	3/8" x 1" SHCS
1-S260	3/8" x 2-1/4" SHCS
3-S280	3/8" x 5-1/2" SHCS
1-S312	3/8" x 1" Hex Head
1-S323	3/8" x 2" Hex Head
2-S551	M8 x 25 mm SHCS
1-S660	5/16" Flat Washer
2-S666	3/8" Flat Washer
2-TP3-.400	3/8" x .400 Tube Spacer
1-TP5-.950	5/16" x .950 Tube Spacer
1-TP7-2.625	7/16" x 2.625 Tube Spacer
1-RA-3.500	3.500" Adjustment Rod

**40490-206 Pulley Set**

1-10306-A	Crank Pulley
1-10332-A	Water Pump Pulley
1-533-A	Power Steering Pulley
1-394-A	A/C Clutch Cover
1-327-A	Water Pump Pulley Cap
1-306-A	Alternator Pulley Cap
1-302-A	Power Steering Pulley Cap
1-221-A	Alternator Fan
1-206-A	Alternator Pulley
3-S022	8-32" x 3/8" SHCS
3-S028	8-32" x 1" SHCS
3-S124	1/4" x 3/4" Button SHCS
10-S144	5/16" x 7/8" SHCS
3-S520	M6 x 20mm Button SHCS
1-S685	11/16" Lock Washer



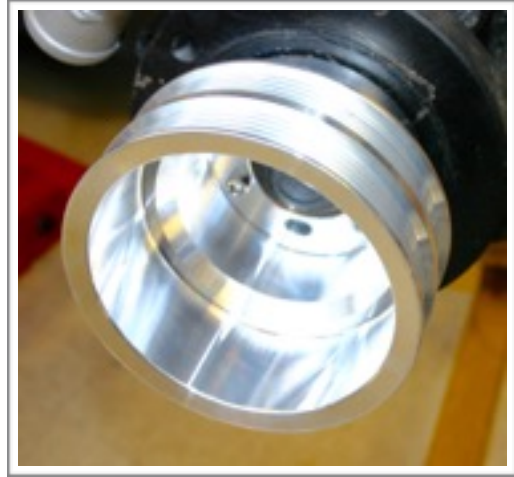
**40061 Power Steering Bracket**

1-40061-A	Main Front Bracket
1-40061B-09	Lower Front Support Bracket
1-40061C-09	Lower Rear Support Bracket
1-40061D-09	Power Steering Spacer Block
2-S278	3/8" x 5" SHCS
2-S280	3/8" x 5-1/2" SHCS
3-S312	3/8" x 1" Hex Head
1-S313	3/8" x 1-1/4" Hex Head
2-S664	3/8" Flat Washer
4-AC3-.200	3/8" x .200 Tapered Spacer
1-TP3-.700	3/8" x .700 Tube Spacer
1-TP3-.800	3/8" x .800 Tube Spacer
2-TP3-.850	3/8" x .850 Tube Spacer

**\*NOTE:** Inspect all items for any imperfections or shortages of items. If any of those instances do come up, please call our tech line that's listed below. If you prefer a color copy of these instructions, please refer to our website listed below and click the instructions tab on your products web page. Some pulleys might have powdercoat build up and it may be necessary to remove with light grit sandpaper. These pulleys include alternator inner hole, and any pulley with a pilot shaft or locator hole.

**PHOTO-1**

Install the crank pulley (10306-A) using six 5/16" x 7/8" SHCS (S144) .

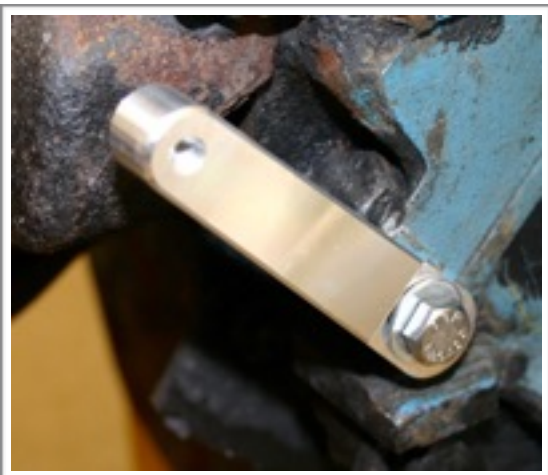


**PHOTO-2**

Install the water pump pulley (10332-A), then the water pump cap (327-A). Use four 5/16" x 7/8" SHCS (S144). **\*NOTE:** If using a mechanical fan **DO NOT** install the water pump cap. We **DO NOT** supply bolts for mechanical fans or adapters.

**PHOTO-3**

Mount the alternator & a/c bracket (40491-A). Use two (TP3-.400) spacers tubes between the water pump and the bracket. Secure with two 3/8" x 5-1/2" SHCS (S280).



**PHOTO-4**

Now mount the rear a/c support bracket (40491-B) to the lower head bolt, with recess facing out. Use a 3/8" x 1" Hex Bolt (S312) with a 3/8" Washer (S666) between bolt and bracket. Finger tight only

#### PHOTO-5

Mount the a/c unit to the two lower holes of the front bracket, use two M8 x 25mm SHCS (S551). \*NOTE Mount with ports facing towards passenger side fenderwell.



#### PHOTO-6

Now attach the rear a/c support bracket to the rear a/c ear. Use a 5/16" washer (S660) with a 5/16" x 2-1/4" hex bolt (S217). Insert a (TP5-.950) spacer between the rear a/c ear and the rear support bracket and tighten. Then tighten the rear support bracket to the head.



#### PHOTO-7

Mount the alternator to the alternator bracket, using a 3/8" x 5-1/2" SHCS (S280) with a (TP7-2.625) spacer tube between the head and the alternator.



#### PHOTO-8

Mount the (20140-A) alternator re-locator bracket to the **back side** of the alternator using a 5/16" x 7/8" SHCS (S144). Now attach the (RA-3.500) adjustment rod the (20140-A) with a 3/8" x 1" SHCS (S248). Attach the other end thru the water pump mounting hole using a 3/8" x 2-1/4" SHCS (S260) as shown.

**PHOTO-9**

Install the alternator fan (221-A) to the alternator, then add the alternator pulley (206-A) and secure with the (S685) lock washer and nut. Then impact to 90 ft/lbs of torque. Now add the alternator cover (306-A) securing with three 8-32" x 1" SHCS (S028).



**PHOTO-10**

Install the a/c cover (394-A) using either three 1/4-20" x 3/4" (S124) button heads or three M6 x 20mm (S520) button heads depending on the clutch you received. Both are provided. **\*NOTE:** Do Not over tighten bolts, may cause clutch to lock up when engaged.

**PHOTO-11**

Mount the (740-A) idler pulley to the front of the alternator-a/c bracket using a 3/8 washer (S666) and a 3/8" x 2" hex bolt (S323). **\*NOTE:** Leave idler cap off at this time.



**PHOTO-12**

Assemble the power steering bracket, first with the (40061B-09), then add the (40061D-09) spacer block. Next add the (40041C-09), two (AC3-.200) washers, and lastly two (TP3-.850) tube spacers. As you assemble run two 3/8" x 5" SHCS (S278) thru all brackets and spacers.

**PHOTO-13**

Install the lower bracket assembly to the two lower holes of the timing chain cover.



**PHOTO-14**

Mount the power steering pump to the lower bracket assembly using a 3/8" washer (S664) between the rear support bracket and the pump securing both sides with a 3/8" x 1" hex bolts (S312) **NOTE:** If your pump has a threaded stud, you must remove it to install rear support bracket.

**PHOTO-15**

Mount the front power steering bracket (40061-A) to the water pump, first with a (TP3-.700) in the upper hole and a (TP3-.800) spacer in the lower between the water pump and the bracket securing with two 3/8" x 5-1/2" SHCS (S280). In the main bracket slot secure the pump using a (AC3-.200) spacer between the front bracket and the pump. Use a 3/8" washer (S664) and a 3/8 x 1" hex bolt (S312) to secure the pump to the main bracket.



**PHOTO-16**

Install the power steering pump pulley (533-A) to the pump securing with the locknut. Then add the pulley cover (302-A) using three 8-32" x 3/8" SHCS (S022).

## PHOTO-17

Install the alternator-a/c belt first **62" (5060620) Dayco**, use the (RA-3.500) adjustment rod to tighten the belt. Then install the power steering drive belt **38" (5060380) Dayco**, then pull down on power steering pump and tighten slot bolt to lock pump in. After front belt is installed, install idler pulley cover (302-A) and tighten with three 8-32" x 3/8" (S022) bolts. **\*NOTE:** Due to belt variations, it may be necessary to remove adjustment rod to install belt. Then pull up on alternator and re-install adjustment rod, then tighten. Same goes for power steering pump.

**\*NOTE:** Due to belt variations in manufacturing it may be necessary to get belts that are either larger or smaller than we recommend. We recommend belt sizes using Dayco manufactured belts.



LIMITED WARRANTY

March Performance warrants to the original retail purchaser that for a period of ninety (90) days from the date of purchase, March Performance will repair or replace, at their option, any Product, which is found to be defective in material or workmanship.

Exclusions from Warranty Coverage

March Performance does not warrant any Product that is damaged from abuse, misuse or misapplication or not used for its intended purposes.

This Limited Warranty does not cover or apply to any damage or loss sustained to the engine or any other parts which may have been caused by the defective Product and does not cover or apply to any personal injury, labor charges or any other incidental costs for damages caused by the defective Product. THIS IS THE ONLY EXPRESS WARRANTY GIVEN WITH RESPECT TO YOUR PRODUCT. ALL OTHER EXPRESS WARRANTIES, GUARANTEES, OR STATEMENTS REGARDING THE PRODUCT, WHETHER WRITTEN OR VERBAL, ARE HEREBY DEEMED NULL AND VOID AND OF NO EFFECT.

Normal wear and tear and damage to the Product not caused by March Performance are also excluded from this Warranty.

DISCLAIMER OF OTHER WARRANTIES

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY, SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY WILL LAST SO THAT THE PRECEDING LIMITATION MAY NOT APPLY TO YOU.

Limitation on Remedies

REPAIR OR REPLACEMENT AS PROVIDED IN THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. MARCH PERFORMANCE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OF CONSEQUENTIAL DAMAGES SO THE PROCEEDING LIMITATIO OR EXCLUSIONS MAY NOT APPLY TO YOU. YOU HAVE NO RECOURSE OR REMEDY FOR DAMAGE OR DEFECT CAUSED BY MISUSE, ABUSE OR NEGLIGENCE.

THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

Your Responsibilities:

- 1. Use and install the Product only for its intended purpose.
2. To avail yourself of this Limited Warranty, return the Product with a copy of the paid receipt, postage paid to: MARCH PERFORMANCE 16160 PERFORMANCE WAY NAPLES, FL 34110
3. When returning the Product, you must follow the directions set forth on the Warranty/Return Form on the reverse side of this Limited Warranty. If you no longer have the Warranty/Return Form, one may be obtained by contacting March Performance during normal business hours at: (888) 729-9070.
4. Shipping and/or transportation costs returning the Product to March Performance and any damage caused during shipping are your responsibility. March Performance will pay for shipping and/or transportation costs incurred in returning the Product to you.

LIMITED WARRANTY WARRANTY/RETURNS FORM

No product mounted is considered for credit unless it is a manufacturer defect.

All products returned for any reason must reference an authorization number (RGA). The RGA number is obtained by calling place of purchase during normal business hours. Any product returned without the RGA# written on the return package next to the return shipping label will be refused.

All returns must ship via UPS and be properly packaged in the original carton. Return freight charges are the responsibility of the customer unless the product was shipped in error.

March product returned after (1) year from date of purchase will not be accepted unless it is found to be a manufacturer defect. The customer must include a written statement describing the alleged product defect. The complete Limited Warranty is set forth on the reverse side.

- 100% credit issued on manufacturer defects
20% return fee on all reshelvable product
30% return fee on all repairable product

NO CREDIT WILL BE ISSUED ON RETURNED PRODUCT BEYOND REPAIR

March Performance thoroughly inspects all returns. It is the sole discretion of March Performance in determining the condition of all returned merchandise.

To receive replacements at no charge the original product must first be received and inspected by March Performance for determination. Immediate replacements may be purchased and later credited upon inspection determination.

Please Complete the Information below, detach and include with returned product.

Form fields for RGA#, CT#, Issued by, Date, Purchaser's Name, Phone, Address, Purchased Directly Through, Invoice#, Product ID, Invoice Date, Reason.

\*\* MOUNTED PRODUCTS ARE NONREFUNDABLE \*\*