MOPAR 318 / 360 STYLE TRACK

KIT 40450-40455

ALTERNATOR & POWER STEERING
40450-40455 Parts List

40451 Main Bracket
1- 40451-A…………Main Bracket
1- S254………………3/8 x 1-3/4 SHCS
4- S284………………3/8 x 6-1/2" SHCS
3- TP3-1.400………1.400 Tube Spacers
1- S278………………3/8 x 5" SHCS
2- MM100……………Alum. Spacer Bushings
2- S146………………5/16 x 1" SHCS
1- S254………………3/8 x 1-3/4" SHCS
2- 740-A……………Idler Pulleys
2- 302-A……………Idler Pulley Caps
2- S666………………3/8 Washers
2- S321………………3/8 x 1-3/4" Hex Bolts
6- S022………………8/32 x 3/8 SHCS
1- TP3-.990…………990 Spacer Tube
1- TP3-.150………150 Spacer Tube

40453 Power Steering Rear Support Bracket
1- 40453-A…………Power Steering Rear Support
1- TP3-.520 ………520 long Spacer Tube

40452 Alternator Rear Support Bracket
1- 30024-A ………Base Bracket
1- 30412-A………Alum, 2" Spacer Tube
1- S244………………3/8 x 3/4" SHCS
1- S248………………3/8 x 1" SHCS
1- S667………………Washer
1- S450………………5/8 x 1-1/8 Threaded Spacer

1-MM105 Adjustment Tool

40450-206 Pulley Kit
1- 10324-A………Crank Pulley
1- 10323-A………Water Pump Pulley
1- 327-A…………Water Pump Pulley Cover
1- 629-A…………Power Steering Pulley
1- 360-A…………P/S Pulley Cap
1- 221-A…………Alternator Fan
1- 206-A…………Alternator Pulley
1- 306-A…………Alternator Pulley Cap

3- S028……………8/32 x 1" SHCS
3- S106……………1/4-20 x 1-1/4" SHCS
10- S144……………5/16 x 7/8 SHCS
1- S685……………Alt. Lock Nut

Accessories
1- P171…………Water Pump
1- P555…………Chrome Alternator
1- 9655…………Billet Alternator (optional)
1- P304…………Power Steering pump
1- 9600…………Billet P/S Unit (optional)

Power Steering Adapter Ring
1- 21074-A………Adapter ring
2- S244………………3/8 x 3/4" SHCS
1- S312………………3/8 x 1" Hex Bolt
Install the Water pump (P171) in the upper center hole use the provided 3/8 x 1-3/4 SHCS (S254) to hold the Water pump in place. Now add the main bracket (40451-A) use (4) 3/8 x 6-1/2" SHCS (S284) Space the bracket with (3) (TP3-1.400) Spacer tubes between the Bracket and the water pump leaving the lower driver side hole open at this time. (SEE PHOTO TWO)

PHOTO-2
This photo shows the main plate mounted. Note the drivers side lower hole has been left open for now.

PHOTO-3
Install the Water Pump Pulley (10323-A) And the water pump pulley cap (327-A) Using (4) 5/16 x 7/8 SHCS (S144)

PHOTO-4
Mount the Crank pulley (10324-A) using (6) 5/16 x 7/8 SHCS (S144).
**PHOTO-5**
Installing the rear P/S support Bracket, Thru the front of the main bracket use the last 3/8 x 6-1/2” SHCS behind the main bracket Use a (TP3-.990) Spacer tube then insert the rear support (40453) with the tapped hole to the outside as shown. This hole will line up with the countersunk hole of the main bracket.

**PHOTO-6**
Install the Rear Alt Support (40452) to the lower head bolt of the Passenger side head. Use 3/8 x 1” SHCS (S248) with 3/8 washer (S667) and tube spacer (TP3-.150). Thread in the provided 5/8 threaded spacer (S450) use the provided 3/8 x 5” SHCS (S278) as shown to line up the rear support.

**PHOTO-7**
Install the Power steering Adapter ring (21074-A). Use (2) 3/8 x 3/4 SHCS (S244) and (1) 3/8 x 1” Hex bolt (S312) As shown. Note the 5/16 tapped hole will be on top next to the filler neck.

**PHOTO-8**
Mounting the power steering pump. In the upper slot use a (MM100) Alum. Bushing and a 5/16 x 1” SHCS (S146). In the lower hole of the main bracket Use a (TP3-.520) Spacer tube between the Rear P/S support and the P/S adapter ring. Now secure with a 3/8 x 1-3/4” SHCS. (S254).
PHOTO-10
Install the Alternator (P555) Chrome or (9655) Billet. In the upper slot use a (MM100) Alum Bushing and a 5/16 x 1" SHCS (S146). In the lower hole of the main bracket between the rear Alt Support bracket and the alt ear insert a (TP3-.700) tube spacer using the 5/8 bushing to take up any gap. Then thru the front of the main bracket use the 3/8 x 5" SHCS) (S278). Now install the Alt. Fan (221-A) the Alt. Pulley (206-A) Securing with the lock nut. Then add the Alt. Pulley cover (306-A) using (3) 8/32 x 1" SHCS. (S022).

PHOTO-9
Mount the P/S pulley (629-A) and secure with the locknut. Then add the P/S cover (360-A) securing with (3) 1/4 x 3/4 SHCS (S102).

PHOTO-11
Mount the (2) idler pulleys (740-A) to the main plate. Use (2) 3/8 washers (S666) and (2) 3/8 x 1-3/4" Hex Bolts (S321). Now add the Two Idler pulley covers (302-A) use the (6) 8/32 x 3/8 SHCS (S022).

PHOTO-12
Mounting and Adjusting the belt, Remove the (2) MM100 bushings and tilt the Alt & P/S inward install the 65" long belt pull the Alt. And P/S up and re- install the bushings and screws. Now use the (MM105) belt tool by turning the turn buckle and tightening the belt to 80-100 lbs. (Note) Remove the tool after use. And store till needed.
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20% return fee on all resalvable product
70% return fee on all repairable product

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Address ____________________________________________________________

Purchased Directly Through ______________________ Invoice# ______________________

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