



Mercedes 722.6, Chrysler NAG1 Hi-Performance Friction/Steel Module 1996-ON

****Rated up to 750HP****

ALTO PART # 141750HP

CONTENTS:

- (8) 141740-160 (.063" / 1.60mm) K1 Clutch Red Eagle® Frictions
- (8) 141701K180 (.071" / 1.80mm) K1 Clutch Kolene® Steel Plates
- (1) 141761X K1 Clutch Stepped Pressure Plate

- (5) 141740-160 (.063" / 1.60mm) B1 Clutch Red Eagle® Frictions
- (5) 141701K180 (.071" / 1.80mm) B1 Clutch Kolene® Steel Plates
- (1) 141701K350 (.138" / 3.50mm) B1 Clutch Kolene® Steel Plate

- (9) 141746A160 (.063" / 1.60mm) K2 Clutch Red Eagle® Frictions
- (9) 141707K180 (.071" / 1.80mm) K2 Clutch Kolene® Steel Plates
- (1) 141707K280 (.110" / 2.80mm) K2 Clutch Kolene® Steel Plate
- (1) 141250 (.086" / 2.20mm) K2 Clutch Snap Ring

- (7) 141748-160 (.063" / 1.60mm) K3 Clutch Red Eagle® Frictions
- (7) 141709K180 (.071" / 1.80mm) K3 Clutch Kolene® Steel Plates
- (1) 141709K400 (.157" / 4.0mm) K3 Clutch Kolene® Steel Plate
- (1) 141251 (.075" / 1.90mm) K3 Clutch Snap Ring

- (6) 141742-160 (.063" / 1.60mm) B2 Clutch Red Eagle® Frictions
- (5) 141703K180 (.071" / 1.80mm) B2 Clutch Kolene® Steel Plates
- (1) 141762X B2 Clutch Stepped Pressure Plate

- (5) 141704-160 (.063" / 1.60mm) B3 Clutch High Energy Frictions
- (5) 141705-180 (.071" / 1.80mm) B3 Clutch Steel Plates

IMPORTANT INFORMATION:

The 141750HP is designed to be a drop in, no machining required Hi-Performance kit. This kit has been thoroughly tested & is rated up to 750HP & 750 Ft. Lbs. of Torque. If your application is rated higher than that, internal component & valve body modifications as well as additional clutch plates will be required.

Pre-soak friction plates for at least 20 minutes in the manufacturer's recommended ATF.

INSTALLATION INSTRUCTIONS:

K1 CLUTCH: Stack up is the same method as OE. Install a .071"/1.80mm kolene steel plate & then a .063"/1.6mm Red Eagle friction plate & continue until the last plate installed is a friction plate (8 frictions & 8 steels). Then install the stepped pressure plate provided in this kit & the original OE snap ring. Using air (40 PSI) apply the K1 clutch several times to seat all of the clutch pack elements. With a feeler gauge, measure between the bottom of the snap ring and the top of the pressure plate. Clearance should be .050" to .060" (1.27 to 1.52 mm). Selective snap rings are available if needed.



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B1 CLUTCH: Stack up is the same method as OE. Install a .071"/1.80mm kolene steel plate & then a .063"/1.6mm Red Eagle friction plate & continue until the last plate installed is a friction plate (5 frictions & 5 steels). Then install the .138"/3.5mm kolene steel plate provided in this kit & the original OE snap ring. Using air (40 PSI) apply the B1 clutch several times to seat all of the clutch pack elements. With a feeler gauge, measure between the bottom of the snap ring and the top of the pressure plate. Clearance should be .065" to .095" (1.65 to 2.41 mm). Selective snap rings are available if needed.

K2 CLUTCH: Stack up is the same method as OE. Install a .071"/1.80mm kolene steel plate & then a .063"/1.6mm Red Eagle friction plate & continue until the last plate installed is a friction plate (9 frictions & 9 steels). Then install the .110"/2.8mm kolene steel plate & the .086"/2.2mm snap ring provided in this kit. Using air (40 PSI) apply the K2 clutch several times to seat all of the clutch pack elements. With a feeler gauge, measure between the bottom of the snap ring and the top of the pressure plate. Clearance should be .045" to .055" (1.14 to 1.40 mm). Selective snap rings are available if needed.

K3 CLUTCH: Stack up is the same method as OE. Install a .071"/1.80mm kolene steel plate & then a .063"/1.6mm Red Eagle friction plate & continue until the last plate installed is a friction plate (7 frictions & 7 steels). Then install the .157"/4.0mm kolene steel plate & the .075"/1.9mm snap ring provided in this kit. Using air (40 PSI) apply the K3 clutch several times to seat all of the clutch pack elements. With a feeler gauge, measure between the bottom of the snap ring and the top of the pressure plate. Clearance should be .045" to .055" (1.14 to 1.40 mm). Selective snap rings are available if needed.

Note: Some AMG Mercedes applications will utilize a K3 drum that will require a .126"/3.20mm snap ring (OE # 140.994.36.35) to get the proper clutch clearance, which is not included with this kit.

B2 CLUTCH: Stack up is the same method as OE. Install the original stock externally splined bottom steel plate & then a .063"/1.6mm Red Eagle friction plate & then a .071"/1.80mm kolene steel plate, continue until the last plate installed is a friction plate (6 frictions & 5 steels). Then install the stepped pressure plate provided in this kit & the original OE snap ring. Using air (40 PSI) apply the B2 clutch several times to seat all of the clutch pack elements. With a feeler gauge, measure between the bottom of the snap ring and the top of the pressure plate. Clearance should be .035" to .045" (0.89 to 1.14 mm). Selective snap rings are available if needed.

B3 CLUTCH: Stack up is the same method as OE. Install a .071"/1.80mm steel plate & then a .063"/1.6mm High Energy friction plate, continue until the last plate installed is a friction plate (5 frictions & 5 steels). Then install the original OE pressure plate & snap ring. Using air (40 PSI) apply the B3 clutch several times to seat all of the clutch pack elements. With a feeler gauge, measure between the bottom of the snap ring and the top of the pressure plate. Clearance should be .090" to .106" (2.3 to 2.7mm). Selective snap rings are available if needed.