
CHRYSLER CORP.

DODGE & PLYMOUTH

1965-74 2-WHEEL DRIVE MODELS

1) Raise and support vehicle under frame, and drain fluid from transmission. Mark propeller shaft for reassembly reference, then disconnect propeller shaft at transmission and tie out of the way. Disconnect speedometer cable at transmission. Disconnect back-up light switch, and transmission mounted parking brake controls (if equipped).

2) Position suitable jack under engine and raise engine slightly. Remove rear transmission support from vehicle. Position suitable support under transmission, and remove transmission-to-clutch housing bolts. Slide transmission toward rear until input shaft just clears clutch hub, then lower transmission from vehicle.

1965-74 4-WHEEL DRIVE MODELS

1) Raise and support vehicle under frame, and drain fluid from transmission. Remove skid plate from vehicle (if equipped). Disconnect speedometer cable at transfer case. Disconnect both propeller shafts at transfer case, and tie out of the way. Disconnect shift control linkage at transfer case, and position suitable support under transfer case. Remove transfer case-to-transmission attaching bolts, and remove transfer case from vehicle.

2) Disconnect back-up light switch. Position suitable supports under both transmission and engine. Disconnect shift control linkage at transmission, then remove transmission crossmember. Remove transmission-to-clutch housing bolts, and slide transmission rearward until input shaft just clears clutch hub. Lower transmission from vehicle.

FORD MOTOR CO.

1965-74 "F" & "P" MODELS

1) Raise and support vehicle under frame, and drain fluid from transmission. Position suitable support under engine. Disconnect shift control linkage at transmission. On vehicles equipped with 4-Speed transmissions, remove transmission top cover and shift lever from transmission. Disconnect speedometer cable at transmission or transfer case.

2) Position suitable support under transmission. Disconnect transfer case linkage, transmission mounted parking brake, overdrive controls, and switches as necessary. Disconnect propeller shaft at transmission. On vehicles equipped with 4WD, disconnect both propeller shafts at transfer case.

3) Remove upper transmission-to-clutch housing bolts, and install guide pins in holes. Remove transmission rear support (if equipped). Remove lower transmission-to-housing bolts, and slide transmission toward rear until input shaft clears clutch hub. Lower transmission from vehicle.

1965-69 "E" MODELS

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect propeller shaft at transmission. Disconnect speedometer cable, and shift control linkage at transmission. Position suitable jack under rear of engine, and remove rear transmission support bolts.

2) Lower engine until transmission just clears rear transmission support. Remove upper transmission-to-clutch housing bolts, and install guide pins in holes. Remove lower transmission-to-housing bolts, and slide transmission toward rear until input shaft just clears clutch hub. Lower transmission from vehicle.

1970-74 "E" MODELS

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect propeller shaft at transmission. Disconnect speedometer cable, and shift control linkage at transmission. Position suitable support under rear of engine, and remove rear transmission support bolts. Remove rear transmission support from vehicle.

2) Remove upper transmission-to-clutch housing bolts, and install guide pins in holes. Remove lower transmission-to-housing bolts, and slide transmission toward rear until input shaft just clears clutch hub. Lower transmission from vehicle.

1966-74 "U" MODELS

1) Raise and support vehicle under frame, and remove transfer case shield. Drain fluid from both transfer case and transmission. Disconnect both front and rear propeller shafts at transfer case. Disconnect speedometer cable, and any switches at transfer case and transmission.

2) Disconnect shift control linkage at transmission. On vehicles equipped with column shift, place linkage in first gear position, and retain in this position. Position support under transmission, and raise transmission slightly. Remove frame crossmember at rear of transmission.

3) Remove lower transmission-to-clutch housing bolts, then disconnect transfer case shift control linkage. Remove upper transmission-to-housing bolts, and slide transmission and transfer case assembly toward rear of vehicle. Lower assembly from vehicle, and separate transfer case from transmission.

GENERAL MOTORS

CHEVROLET & GMC

1965-69 - 3-SPEED (EXC. "G" MODELS)

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect speedometer cable at transmission, and remove shift linkage at transmission side cover.

Disconnect back-up light switch, and remove parking brake lever and controls from rear of transmission (if equipped).

2) Disconnect propeller shaft at transmission, and tie shaft out of the way. Position suitable support under transmission assembly. Remove flywheel underpan, and remove upper transmission-to-clutch housing attaching bolts. Install guide

GENERAL MOTORS (Cont.)

pins in upper holes, and remove lower transmission-to-housing bolts. Slide transmission toward rear until input shaft clears clutch hub, then lower transmission from vehicle.

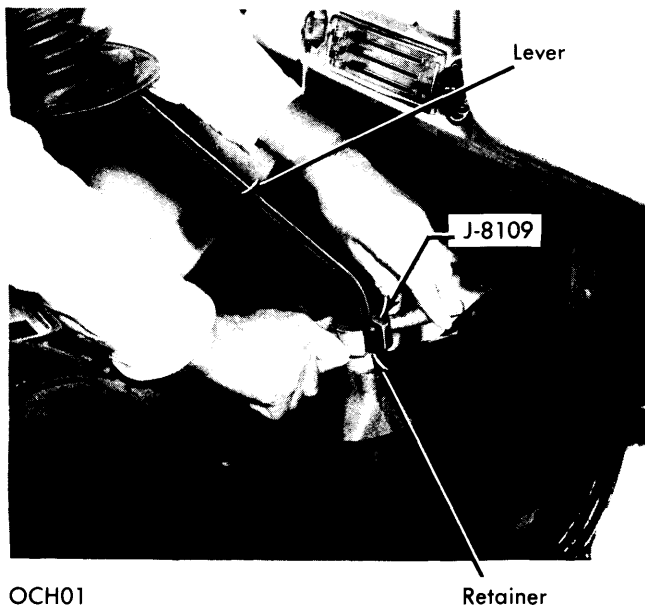
1965-69 - 3-SPEED ("G" MODELS)

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect speedometer cable at transmission, and remove shift linkage at transmission side cover. Disconnect back-up light switch, and remove parking brake linkage from transmission (if equipped). Disconnect propeller shaft at transmission, and tie out of the way.

2) Position suitable support under clutch housing to carry weight of engine, then remove rear engine mount-to-transmission attaching hardware. Carefully lower engine until rear engine mount just clears support bracket. Remove flywheel underpan, and remove transmission-to-clutch housing mounting bolts. Rotate transmission assembly until rear transmission mount is clear of crossmember, and remove transmission assembly from vehicle.

1965-69 - 4-SPEED (EXC. "G" MODELS)

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect speedometer cable at transmission, and remove shift controls from transmission as follows; On vehicles equipped with New Process 4-Speed, remove floor mat, and transmission floor pan cover. Place gearshift lever in neutral position, and remove gearshift lever and transmission top cover as an assembly. On vehicles equipped with Muncie 4-Speed, use suitable tool (J-8109) to rotate gearshift lever counterclockwise, thus releasing lever from transmission.



REMOVING GEARSHIFT LEVER

2) Disconnect parking brake lever and controls from rear of transmission (if equipped), and disconnect back-up light switch. Remove power take-off and controls from transmission (if equipped). Disconnect propeller shaft at transmission, and tie out of the way. Position suitable support under transmission

assembly. Remove flywheel underpan, and remove upper transmission-to-clutch housing attaching bolts. Install guide pins in upper holes, and remove lower transmission-to-housing bolts. Slide transmission toward rear until input shaft clears clutch hub, then lower transmission from vehicle.

1965-69 - 4-SPEED ("G" MODELS)

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect speedometer cable at transmission, and remove shift linkage and cables at transmission. Remove back-up light switch, and remove parking brake linkage from transmission (if equipped). Disconnect propeller shaft at transmission and tie out of the way.

2) Position suitable support under clutch housing to carry weight of engine, then remove rear engine mount-to-transmission attaching hardware. Carefully lower engine until rear engine mount just clears support bracket. Remove flywheel underpan, and remove transmission-to-clutch housing attaching bolts. Rotate transmission assembly until rear transmission mount is clear of frame crossmember, and remove transmission assembly from vehicle.

1970-74 - ALL (EXC. "K" MODELS)

1) Raise and support vehicle under frame, and drain fluid from transmission. Disconnect speedometer cable at transmission, and remove back-up light switch, and TCS switch (if equipped). Remove shift controls at transmission. On vehicles equipped with 4-Speed transmission, use suitable tool (J-8109) to remove shift lever from top of transmission. Remove parking brake lever and controls, and power take-off from transmission (if equipped).

2) Disconnect propeller shaft at transmission, and position suitable support under transmission assembly. Remove frame crossmember under transmission, and remove flywheel underpan. Remove transmission-to-clutch housing attaching bolts, slide transmission rearward until input shaft is clear of clutch hub, then remove assembly from vehicle.

1970-74 - 3-SPEED ("K" MODELS)

1) Raise and support vehicle under frame, and drain fluid from both transmission and transfer case. Disconnect propeller shaft, and speedometer cable at transmission. Disconnect TCS switch (if equipped). Remove shift controls from both transmission and transfer case. Support transfer case on a suitable jack, and remove transfer case-to-adapter bolts. Remove transfer case-to-frame bolts, and remove case assembly from vehicle.

2) Using a suitable jack, support rear of engine. Remove adapter mounting bolts, and remove upper transmission-to-clutch housing bolts. Insert guide pins in upper holes and remove lower transmission mounting bolts. Slide transmission rearward on guide pins until input shaft is clear of clutch hub, then remove transmission and adapter assembly from vehicle. Remove adapter from transmission.

1970-74 - 4-SPEED ("K" MODELS)

1) Remove transfer case shift lever boot retainer, and remove floor mat (or carpeting) from vehicle. Remove transmission shift lever boot and retainer, and using suitable tool (J-8109), remove transmission shift lever. Remove console, and center floor outlet from heater duct (if equipped). Remove transmission floor cover, and remove transfer case shift lever assembly.

GENERAL MOTORS (Cont.)

2) Raise and support vehicle under frame, and drain fluid from both transmission and transfer case. Disconnect speedometer cable, back-up light switch, and TCS switch. Disconnect propeller shafts at both transmission and transfer case. Position suitable supports under both transmission and transfer case and remove frame crossmember.

3) Remove flywheel underpan. On V-8 models, remove exhaust crossover pipe. Remove upper transmission-to-clutch housing bolts, and install suitable guide pins (J-1126) in holes. Remove lower transmission-to-housing mounting bolts, and remove transmission and transfer case assembly from vehicle. Remove transfer case from transmission.

INTERNATIONAL HARVESTER

NOTE — No information on manual transmission removal is available from manufacturer at time of publication.

JEEP

NOTE — Removal may vary slightly between models and between chassis because of various equipment and accessories. Following procedure covers general transmission removal.

1965-74 — 3 & 4-SPEED

1) Raise and support vehicle, and drain fluid from both transfer case and transmission. Remove floor mat (or carpeting), and floorboard section above transmission. Disconnect back-up light switch, and TCS switch (if equipped). On V-8 models, remove exhaust pipe(s). Remove shift linkage from transmission. On models equipped with 4-Speed transmission, it will be necessary to remove shift lever from top of transmission.

2) Disconnect shift controls at transfer case. Remove skid plate (if equipped), and disconnect speedometer cable at transfer case. Disconnect parking brake linkage. Disconnect rear propeller shaft at transmission or transfer case, and front propeller shaft (on 4WD vehicles) at front axle. Disconnect clutch linkage at transfer case or transmission.

3) Position suitable support under rear of engine, and remove rear engine mounts. Remove frame crossmember from vehicle, and position support under transmission and transfer case. Remove stabilizer bracket from vehicle. Remove transmission-to-clutch housing bolts, then move transmission to right slightly to remove clutch cross shaft. Slide transfer case and transmission assembly toward rear, and remove assembly from vehicle. Separate transfer case from transmission.