# VERSATILE

## Service Manual

FORD
NEW HOLLAND

# 4 Wheel Drive Tractor
# 700, 900

1972 – 1975

40070020

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# SPICER CLUTCH TO ENGINE SELECTION CHART

| ENGINE MAKE | ENGINE MODEL | H.P. | GOV. RPM | MAX. TORQ. | ENGINE MAKE | ENGINE MODEL | H.P. | GOV. RPM | MAX. TORQ. | AS1401 Org. | AS1401 Cer. | AS1402 Org. | AS1402 Cer. | AS1402SD Ceramic | AS1552 Org. | AS1552 Cer. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cum | V6-140 | 140 | 3300 | 248 | IHC | D-254 | 131 | 2800 | 282 | 2800 lb. | 2800 lb. | 2850 lb. | 2800 lb. | 2800 lb. | 2800 lb. | 3800 lb. |
| D.D. | 4-53N | 140 | 2800 | 295 | Cat. | 1140 | 150 | 2200 | 310 | | | | | | | |
| Cum | V8E-170 | 170 | 3200 | 310 | GMC | DH-478 | 165 | 2800 | 337 | | | | | | | |
| Cum | V8-185 | 185 | 3300 | 329 | Cum | CF-160 | 160 | 2800 | 345 | | | | | | | |
| IHC | DV-462 | 185 | 3200 | 337 | | | | | | | | | | | | |
| Mack | END-475 | 140 | 2400 | 350 | A.C. | 10000 | 140 | 2200 | 372 | | | | | | | |
| Cat | 1145 | 175 | 3200 | 360 | Cat | 1670 | 145 | 2200 | 378 | | | | | | | |
| Cum | C-160 | 160 | 2500 | 376 | Cum | V8-210 | 210 | 3300 | 404 | | | | | | | |
| Pet | V6-510 | 185 | 2800 | 380 | D.D. | 6V-53NE | 170 | 2600 | 404 | | | | | | | |
| GMC | DH-637 | 210 | 2800 | 424 | Cum | C180 | 180 | 2500 | 425 | 3200 lb. | | | | | | |
| A.C. | 3500 | 175 | 2400 | 428 | Cum | V-555 | 225 | 3300 | 425 | | | | | | | |
| Cat | 1150 | 200 | 3000 | 435 | | | | | | | | | | | | |
| Cum | C190 | 190 | 2500 | 447 | D.D. | 6V-53N | 195 | 2600 | 447 | | | | | | | |
| Mack | ENDT-475 | 190 | 2400 | 450 | Cum | V8E-195 | 195 | 2500 | 450 | | | | | | | |
| Cum | V6-200 | 200 | 2600 | 452 | | | | | | | | | | | | |
| | | | | | Cat | 1160 | 225 | 2800 | 510 | | | | | | | |
| Mack | END-673 | 200 | 2100 | 540 | IHC | DVT-573 | 240 | 2600 | 552 | | | | | | | |
| Mack | END-707 | 200 | 2100 | 557 | | | | | | | | | | | | |
| Cum | V8E-235 | 235 | 2400 | 568 | D.D. | 6-71NE | 195 | 1950 | 570 | | | | | | | |
| D.D. | 6V-71NE | 195 | 1950 | 570 | D.D. | 8V-53N | 247 | 2500 | 575 | | | | | | | |
| IHC | DVT-573 | 260 | 2600 | 578 | Cum | NHE-195 | 195 | 1950 | 580 | | | | | | | |
| A.C. | 11000 | 220 | 2200 | 585 | Cum | HBF-6 | 190 | 2000 | 590 | | | | | | | |
| Cum | V8-265 | 265 | 2600 | 600 | D.D. | 6-71N(N-60) | 218 | 2100 | 604 | | | | | | | |
| Mack | END-711 | 211 | 2100 | 602 | D.D. | 6-71N(N-65) | 238 | 2100 | 650 | | | | | | | |
| D.D. | 6V-71N | 218 | 2100 | 650 | Mack | ENDT-673 | 225 | 2100 | 653 | | | | | | | |
| Cum | NHE-225 | 225 | 1950 | 670 | Chrys. | IN-675 | 237 | 2200 | 664 | | | | | | | |
| Cum | NH-250 | 250 | 2100 | 685 | Mack | END-864 | 235 | 2300 | 673 | | | | | | | |
| Mack | ENDT-673 | 250 | 2100 | 700 | Cat | 1673CT | 245 | 2200 | 690 | | | | | | | |
| Cum | N-327 | 260 | 2100 | 720 | Cum | NHCT-270 | 270 | 2100 | 740 | | | | | | | |
| Cum | V-903 | 320 | 2600 | 737 | Mack | ENDT-864 | 300 | 2300 | 792 | | | | | | | |
| D.D. | 8V-71NE(N-55) | 260 | 1950 | 761 | Cat | 1674TA | 270 | 2200 | 805 | | | | | | | |
| D.D. | 8V-71N(N-60) | 290 | 2100 | 805 | Cum | V8-350 | 350 | 2500 | 805 | | | | | | | |
| Cum | NHRS-320 | 320 | 2100 | 865 | D.D. | 8V-71N(N-65) | 318 | 2100 | 866 | | | 3200 lb. | | | | |
| Mack | ENDT-675 | 237 | 2100 | 906 | Cum | NHCT-C1 | 240 | 2100 | 900 | | | | | | | |
| | | | | | Cum | NTC-335 | 335 | 2100 | 930 | | | | | | | |
| Cum | NT-380 | 380 | 2300 | 955 | Cat | 1693T | 325 | 2100 | 1000 | | | | | | 3200 lb. | |
| Mack | ENDDT 865 | 285 | 2400 | 965 | Cum | VT8-430 | 430 | 2500 | 1005 | | | | | | | |
| Cum | NTA-370 | 370 | 2100 | 1050 | A.C. | 21000 | 375 | 2100 | 1015 | | | | | | | |
| Mack | ENDT-865 | 325 | 2400 | 1100 | Cum | NTA-400 | 400 | 2100 | 1100 | | | | | | | |
| Cat | 1693TA | 375 | 2000 | 1145 | D.D. | 12V-71 | 390 | 2100 | 1140 | | | | | 3200 lb. | | |
| D.D. | 12V-71 | 434 | 2100 | 1205 | | | | | | | | | | | | |
| D.D. | 12V-71 | 475 | 2100 | 1270 | A.C. | 25000 | 450 | 2100 | 1248 | | | | | | | |

All AS-1400 series are available with 1½"-10, 1¾"-10, and 2"-10 splines.
The AS1552 clutches are available with 1¾"-10 and 2"-10 splines.
Dampened driven discs are recommended with all engines to reduce drive gear spline wear, increase the life of the transmission and driveline, and to reduce driveline vibrations.
The above clutch selections are normal on-highway service with minimum startability of 10%.
For off-highway, multiple trailers, or other types of severe service, please contact Dana Clutch Engineering.

Maximum Engine Speed:
AS-1400-3600 RPM
AS1552-2600 RPM

4-72

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# TABLE OF CONTENTS


Spicer Clutch to Engine Selection Chart ..... Page 2
Operation & Maintenance ..... Page 4-6
AS-1400 Parts Identification ..... Page 7
AS-1550 Parts Identification ..... Page 8
Removal & Disassembly ..... Page 9-12
Release Bearing Assemblies ..... Page 12
Inspection ..... Page 13
Reassembly ..... Page 14-18
Flywheel & Transmission Housing Alignments ..... Page 18-20
Installation ..... Page 21-23
Adjusting Proceedures ..... Page 24-27
Driven Discs ..... Page 28-29
Clutch Brakes ..... Page 29
Drive Pins ..... Page 30
Anti-Rattle Springs ..... Page 31
Specifications ..... Page 32
Trouble Shooting ..... Page 33-35




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