Magnum 250
Magnum 280
Magnum 310
Magnum 340
Magnum 380

Continuously Variable Transmission (CVT)
Tractor
Tier 4B (final)

SERVICE MANUAL

CASE IH AGRICULTURE

MidWestTech | Case Magnum 250, 280, 310, 340, 380 CVT Tier 4B Tractor Service Manual | Publication 51431499

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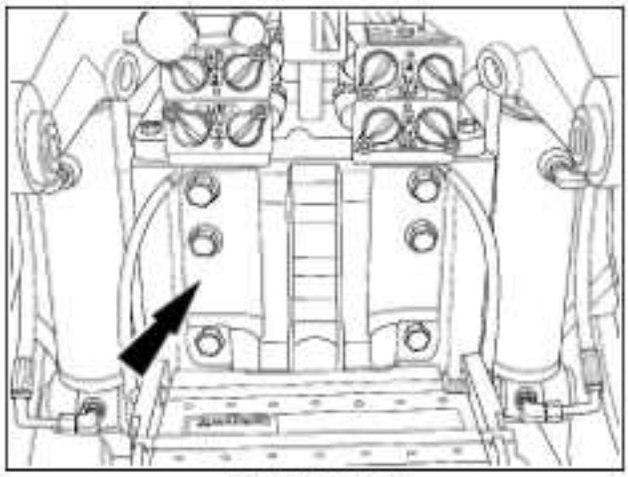
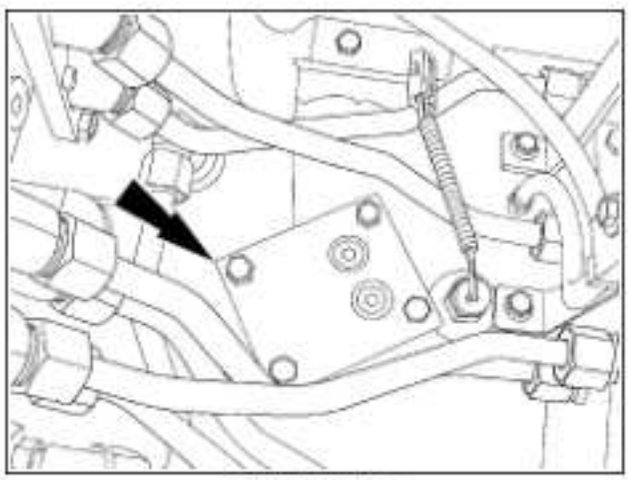
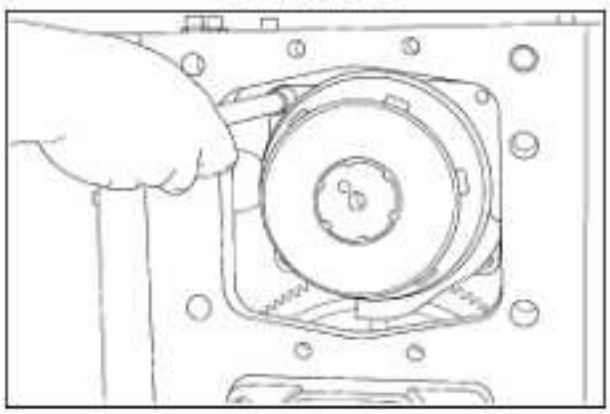
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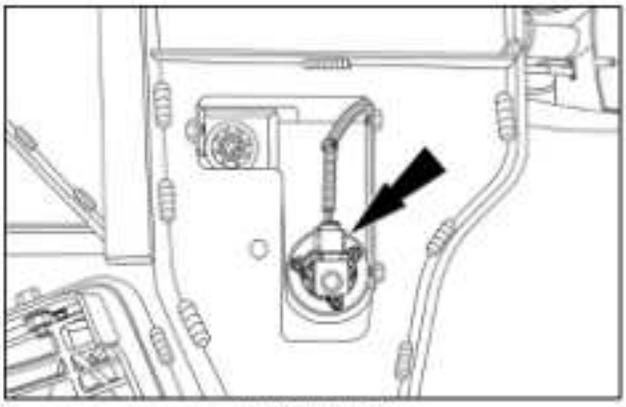
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Power Take-Off (PTO) clutch - Torque

Component	N m	Identification	lb ft/lb in
Clutch cover bolts	490 – 550 Nm	 RCPH07CCH072880 1	361 – 406 lb ft
Output shaft housing bolts	90 – 100 Nm		66 – 74 lb ft
Driven gear bearing cage bolts	51 – 58 Nm		38 – 43 lb ft
Manifold plate mounting bolts	51 – 58 Nm	 RCPH07CCH076880 2	38 – 43 lb ft
Clutch assembly mounting bolts	51 – 58 Nm	 RCPH07CCH074880 3	38 – 43 lb ft

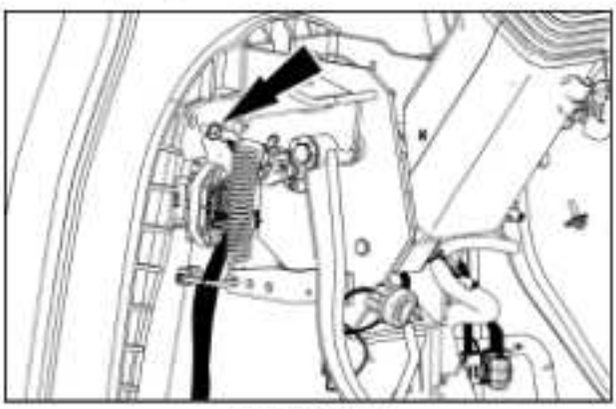
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RAIL14TR000886AA 10

Pin	From	Wire	Description	Color-Size	Frame
3	**X-007 (Male) pin 1** TO UREA QUALITY HARNESS	UQ-193D	ENG AUX B+	WH - 1.0	**SHEET 12**
4	**X-007 (Male) pin 3** TO UREA QUALITY HARNESS	UQ-308J	ENG BUS HIGH	YE - 0.8	**SHEET 43**
5	**X-007 (Male) pin 4** TO UREA QUALITY HARNESS	UQ-309J	ENG BUS LOW	GN - 0.8	
6	**X-007 (Male) pin 2** TO UREA QUALITY HARNESS	UQ-933E	CLEAN GND	BK - 1.0	**SHEET 12**

X-189 - #6 FRONT INSIDE FIREWALL (Male)



RAIL14TR000513AA 11

Pin	From	Wire	Description	Color-Size	Frame
1	SP-001-P-X	CB-001	FIREWALL GROUND	BK - 8.0	**SHEET 09**

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Retest system operation.

A. Error code follows the pilot head move. Replace the pilot head. Return unit to field operation.

B. Error code does not follow the pilot head move. Return the swapped pilot head to its original valve. Submit a concern to ASIST.

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