

CL1595748 INSTALLATION INSTRUCTIONS
KIT, WINCH

REFERENCE FOR INSTALLATION SEE DRAWING KL1595248

Provided by WSUcougarX

INTERPRET DRAWING IN ACCORDANCE WITH
STANDARDS PRESCRIBED BY MIL-STD-100

APPLICATION	USED ON
SEE ENGINEERING RECORDS	
KL1595248	

MATERIAL	
2 PLACE 3 PLACE ANGLES	
TOLERANCES ON DIMENSIONS ARE IN INCHES	
UNLESS OTHERWISE SPECIFIED	

CONTRACT NUMBER	DAAE07-69-C-044
CONTRACTOR	CONSOLIDATED DIESEL ELECTRIC
DRAWN BY	DATE
WELL AND	6-20-67
CHECKER	15 1/2
DESIGN APPROVAL	

U.S. ARMY TANK AUTOMOTIVE COMMAND WARREN, MICHIGAN 48090	KIT - WINCH INSTL INSTRUCTION	SIZE CODE IDENT NO C 19207	SHEET 11595748
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PART NO 11595748

1. ATTACH L.H. BRACKET (1159526-2) TO WINCH REAR MOUNTING BRACKET ASSY (11595619) WITH WASHER (M27183-14).
2. REMOVE REAR SHIPPING STRAP FROM WINCH ASSY (11621129).
3. ATTACH WINCH ASSY (11621129) TO REAR MOUNTING BRACKET ASSY (11595619) LOCATED BY DOWEL PINS IN WINCH ASSY (11621129) WITH (4) WASHERS (M3138-46) AND (4) SCREWS (M90725-60). TIGHTEN SECURELY.
4. REMOVE FRONT SHIPPING STRAP FROM WINCH ASSY (11621129).
5. ATTACH FRONT MOUNTING BRACKET ASSY (11595618) TO WINCH ASSY (11621129) LOCATED BY DOWEL PINS IN WINCH ASSY (11621129) WITH (4) WASHERS (M3138-46) AND (4) SCREWS (M90725-60). ALSO ATTACH FRONT MOUNTING BRACKET ASSY (11595618) TO REAR MOUNTING BRACKET ASSY (11595619) WITH (3) SCREWS (M90725-60), (3) WASHERS (M3138-46) AND (3) NUTS (M51967-9). TIGHTEN SECURELY.
6. INSTALL WASHER (M27183-14), SCREW (M90725-65), WASHER (M3138-46) AND NUT (M51967-9) ATTACHING L.H. BRACKET (11595618) TO FRONT MOUNTING BRACKET ASSY (11595618).
7. ATTACH R.H. UPPER BRACKET (11595624) AND R.H. BRACKET (11595526-1) TO WINCH REAR (11595619) AND FRONT (11595618). MOUNT BRACKET ASSY WITH (2) SCREWS (M90725-65). (4) SCREWS (M90725-60). (6) WASHERS (M3138-46) AND (6) NUTS (M51967-9). DO NOT TIGHTEN.
8. ATTACH L.H. UPPER BRACKET (11595622) TO WINCH REAR (11595619) AND FRONT (11595618) MOUNTING BRACKET ASSYS WITH (4) SCREWS (M90725-61), (2) SCREWS (M90725-60), (4) WASHERS (M27183-14), (6) WASHERS (M3138-46), (6) NUTS (M51967-9). TIGHTEN SECURELY.
9. CUT 2 INCH DIAMETER HOLE IN FRONT PANEL (11594438) PER DIMENSIONS ON WINCH INSTALLATION DRAWING (11595248). (SEE ZONE C7 SHEET NO. 1 AND ZONE F6 SHEET NO. 2).
10. REMOVE TOWING RINGS (737375) FROM RUMPER BRACKETS (11594448).
11. ATTACH BRACKET (11595621) AND BRACKET (11595620-1) TO LEFT SIDE RUMPER BRACKET (11594448) WITH (2) SCREWS (M90726-117). (2) WASHERS (M3138-48). (2) NUTS (M51967-15). DO NOT TIGHTEN.
12. ATTACH BRACKET (11595620-1) AND BRACKET (11595620-2) TO RIGHT SIDE RUMPER BRACKET (11594448) WITH (2) SCREWS (M90726-117). (2) WASHERS (M3138-48). (2) NUTS (M51967-15). DO NOT TIGHTEN.
13. MOUNT BRACKETED WINCH ASSY TO BRACKETS (11595621), (11595620-2), (2) (11595620-1) WITH (3) SCREWS (M90725-114), (3) SCREW (M90726-111), (4) WASHERS (M3138-48), (3) NUTS (M51967-15), (2) SCREWS (M516638-55), (2) NUTS (M51829-10C).
14. SECURELY TIGHTEN ALL HARDWARE ON BRACKETED WINCH ASSY.
15. REINSTALL TOWING RINGS (737375) TO L. AND R. HAND BRACKETS (11595526-1)-(11595526-2) WITH EXISTING HARDWARE.
16. REMOVE CONSOLE (11594736) FROM VEHICLE.
17. REMOVE SIDE AIR DUCT PANEL (11595159-1) FROM VEHICLE.
18. MOUNT SEAL (11595527) BY SNAPPING INTO GROOVE OR SLEEVE WHICH EXTENDS INBOARD THROUGH FRONT PANEL (11594438) AND FIT OVER RING ON INTERFACE OF FRONT PANEL (11594438). ATTACH SEAL (11595527) TO RING WITH HOSE CLAMP (M51842-14). (SEE ZONE D6 SHEET NO. 1).
19. REMOVE COV. (11601295) FROM DRIVE SHAFT OF THE TRANSFER CASE (11594678).
20. ATTACH CASSET (11620952) AND POWER TAKE-OFF ASSY (11621130) TO TRANSFER CASE (11594678) WITH EXISTING HARDWARE.
21. SLIP END YOKER (11621129) OF DRIVE SHAFT ASSY (11595635) ONTO POWER TAKE-OFF ASSY (11621130) OUTPUT SHAFT. ALIGN HOLES IN SHAFTS AND INSTALL SHAFT PIN (11620945). SLIP END YOKER (11621413) OF DRIVE SHAFT ASSY (11595635) ONTO INPUT SHAFT OF WINCH ASSY (11621129) SECURE WITH SCREW (M90726-69) AND NUT (M521044N6).
22. WINCH ASSY SHOULD NOT EXTEND PAST INTERFACE OF YOKER (11621413).
23. INSTALL LEVER (11595623) ONTO P.T.O. ASSY (11621130) SHIFTER SHUFT. ALIGN HOLES IN LEVER AND SHAFT SECURE WITH SCREW (M90726-13) AND NUT (M521044N4).
24. CUTOUT SLOT AND ADD HOLES IN CONSOLE (11594736) PER DIMENSIONS ON WINCH INSTALLATION DRAWING (11595248). (SEE ZONE B13 SHEET NO. 1 AND ZONE L10 SHEET NO. 2).
25. ATTACH SEAL (11595624) PLATE (11595625) AND LEVER RETAINER (11595636) TO CONSOLE WITH SCREW (M90726-36). WASHER (M27183-12), NUT (M521044N5), (9) SCREWS (M313206-248), (8) WASHERS (M27183-7) AND (8) NUTS (M521044N8). TIGHTEN SECURELY.
26. REINSTALL CONSOLE (11594736) AND AIR DUCT PANEL (11595159-1) IN VEHICLE.
27. TO ATTACH WIRE ROPE ASSY (11595616) TO WINCH ASSY (11621129) INSERT WIRE ROPE INTO HOLE IN WINCH DRUM (11620956). TIGHTEN SET SCREW (M51963-103).
28. TO WIND WIRE ROPE ONTO DRUM, PLACE LOAD ON CHAIN END OF WIRE ROPE ASSY. MAKE CERTAIN THE FIRST LAYER OF WIRE ROPE WINDS PROPERLY ON THE DRUM AND THAT EACH ADDITIONAL LAYER BEGINS PROPERLY AS WIRE ROPE IS BEING WOUND ONTO DRUM. COAT WITH EXPOSED GEAR AND WIRE ROPE LUBRICANT (CV).
29. WHEN WINCH ASSY (11621129) IS REMOVED FROM VEHICLE SEAL HOLE IN FRONT PANEL (11594438) WITH SEAL (11595103). TO ATTACH USE EXISTING ROPE CLAMP (M31842-14).

REVISIONS	DESCRIPTION	DATE	APPROVED
A	(1) THRU (4) SEE REVISION NOTICE DRAWING RETYPE EO CDI-E1628		

