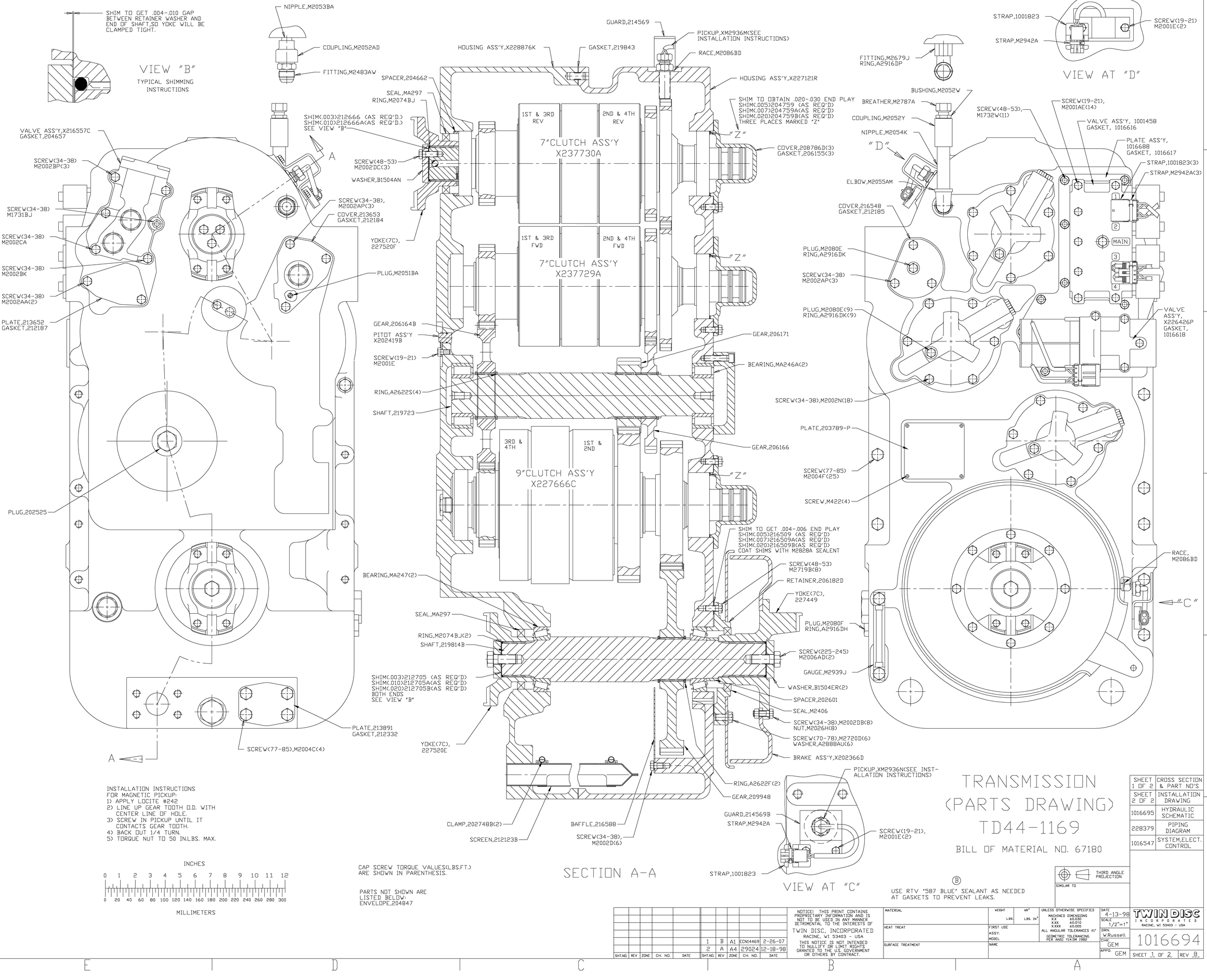
SHIM TO GET .004-.010 GAP BETWEEN RETAINER WASHER AND END OF SHAFT,SO YOKE WILL BE CLAMPED TIGHT.
VIEW "B"
TYPICAL SHIMMING INSTRUCTIONS
NIPPLE,M2053BA
COUPLING,M2052AD
FITTING,M2483AW
SHIM(.003)212666 (AS REQ'D.)
SHIM(.010)212666A(AS REQ'D.)
SEE VIEW "B"
VALVE ASS'Y,X216557C
GASKET,204657
SCREW(34-38) M2002BP(3)
SCREW(34-38) M1731BJ
SCREW(34-38) M2002CA
SCREW(34-38) M2002BK
SCREW(34-38) M2002AA(2)
PLATE,213652
GASKET,212187
SCREW(34-38), M2002AP(3)
COVER,213653
GASKET,212184
PLUG,M2051BA
PLUG,202525
PLATE,213891
GASKET,212332
SCREW(77-85),M2004C(4)
A
GUARD,214569
PICKUP,XM2936M(SEE INSTALLATION INSTRUCTIONS)
HOUSING ASS'Y,X228876K
GASKET,219843
RACE,M2086BD
HOUSING ASS'Y,X227121R
SPACER,204662
SEAL,MA297
RING,M2074BJ
SCREW(48-53) M2002DC(3)
WASHER,B1504AN
YOKE(7C), 227520F
1ST & 3RD REV
2ND & 4TH REV
7"CLUTCH ASS'Y X237730A
1ST & 3RD FWD
2ND & 4TH FWD
7"CLUTCH ASS'Y X237729A
3RD & 4TH
1ST & 2ND
9"CLUTCH ASS'Y X227666C
SHIM TO OBTAIN .020-.030 END PLAY
SHIM(.005)204759 (AS REQ'D)
SHIM(.007)204759A(AS REQ'D)
SHIM(.020)204759B(AS REQ'D)
THREE PLACES MARKED "Z"
"Z"
COVER,208786D(3)
GASKET,206155(3)
GEAR,206164B
PITOT ASS'Y X202419B
SCREW(19-21) M2001E
RING,A2622S(4)
SHAFT,219723
GEAR,206171
BEARING,MA246A(2)
GEAR,206166
SHIM TO GET .004-.006 END PLAY
SHIM(.005)216509 (AS REQ'D)
SHIM(.007)216509A(AS REQ'D)
SHIM(.020)216509B(AS REQ'D)
COAT SHIMS WITH M2828A SEALENT
BEARING,MA247(2)
SCREW(48-53) M2719B(8)
RETAINER,206182D
YOKE(7C), 227449
SEAL,MA297
RING,M2074BJ(2)
SHAFT,219814B
PLUG,M2080F RING,A2916DH
SCREW(225-245) M2006AD(2)
GAUGE,M2939J
SHIM(.003)212705 (AS REQ'D)
SHIM(.010)212705A(AS REQ'D)
SHIM(.020)212705B(AS REQ'D)
BOTH ENDS
SEE VIEW "B"
WASHER,B1504ER(2)
SPACER,202601
SEAL,M2406
SCREW(34-38),M2002DB(8)
NUT,M2026H(8)
SCREW(70-78),M2720D(6)
WASHER,A2888AU(6)
BRAKE ASS'Y,X202366D
YOKE(7C), 227520E
RING,A2622F(2)
GEAR,209948
CLAMP,202748B(2)
BAFFLE,216588
SCREW(34-38), M2002D(6)
SCREEN,212123B
PICKUP,XM2936N(SEE INSTALLATION INSTRUCTIONS)
GUARD,214569B
STRAP,M2942A
SCREW(19-21), M2001E(2)
STRAP,1001823
VIEW AT "C"
STRAP,1001823
SCREW(19-21) M2001E(2)
STRAP,M2942A
VIEW AT "D"
FITTING,M2679J
RING,A2916DP
BUSHING,M2052W
BREATHER,M2787A
COUPLING,M2052Y
NIPPLE,M2054K
"D"
ELBOW,M2055AM
SCREW(48-53), M1732W(11)
SCREW(19-21), M2001AE(14)
VALVE ASS'Y, 1001458
GASKET, 1016616
PLATE ASS'Y, 1016688
GASKET, 1016617
STRAP,1001823(3)
STRAP,M2942A(3)
COVER,216548
GASKET,212185
MAIN
PLUG,M2080E
RING,A2916DK
SCREW(34-38) M2002AP(3)
PLUG,M2080E(9)
RING,A2916DK(9)
VALVE ASS'Y, X226426P
GASKET, 1016618
SCREW(34-38),M2002N(18)
PLATE,203789-P
SCREW(77-85) M2004F(25)
SCREW,M422(4)
RACE, M2086BD
"C"
A
SECTION A-A
INSTALLATION INSTRUCTIONS FOR MAGNETIC PICKUP:
1) APPLY LOCITE #242
2) LINE UP GEAR TOOTH O.D. WITH CENTER LINE OF HOLE.
3) SCREW IN PICKUP UNTIL IT CONTACTS GEAR TOOTH.
4) BACK OUT 1/4 TURN.
5) TORQUE NUT TO 50 IN.LBS. MAX.
INCHES
0 1 2 3 4 5 6 7 8 9 10 11 12
0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300
MILLIMETERS
CAP SCREW TORQUE VALUES(LBS.FT.) ARE SHOWN IN PARENTHESIS.
PARTS NOT SHOWN ARE LISTED BELOW:
ENVELOPE,204847
Ⓑ
USE RTV '587 BLUE' SEALANT AS NEEDED AT GASKETS TO PREVENT LEAKS.
TRANSMISSION (PARTS DRAWING)
TD44-1169
BILL OF MATERIAL NO. 67180
SHEET 1 OF 2 | CROSS SECTION & PART NO'S
SHEET 2 OF 2 | INSTALLATION DRAWING
1016695 | HYDRAULIC SCHEMATIC
228379 | PIPING DIAGRAM
1016547 | SYSTEM,ELECT. CONTROL
THIRD ANGLE PROJECTION
SIMILAR TO
SHT.NO. REV ZONE CH. NO. DATE
1 B A1 ECN14469 2-26-07
2 A A4 29024 12-18-98
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MATERIAL
HEAT TREAT
SURFACE TREATMENT
WEIGHT LBS. | WR² LBS. IN²
FIRST USE
ASSY.
MODEL
NAME
UNLESS OTHERWISE SPECIFIED
MACHINED DIMENSIONS X.X ±0.030 X.XX ±0.010 X.XXX ±0.005
ALL ANGULAR TOLERANCES ±1°
GEOMETRIC TOLERANCING PER ANSI Y14.5M 1982
DATE 4-13-98
SCALE 1/2"=1"
DRN. W.Russell
CHK GEM
APP'D. GEM
TWIN DISC INCORPORATED RACINE, WI 53403 - USA
1016694
SHEET 1 OF 2 REV B
E D C B A
6 5 4 3 2 1