DN#	REV	DESCRIPTION	DATE	DRN
14-097	01	PRODUCTION RELEASE	10/24/14	HHH

ACCUMULATOR 14303-000
1800PSI PRE CHARGE
230 CU IN
230 CU IN
FA
RA
A
PARK BRAKE
FRONT AXLE
1450 PSI MIN
RELEASE
2400 PSI
FALLING
3200/2560PSI
.080
1800
PSI
.030
.080
BRAKE
CHARGE
VALVE
27448-003
P
LS
T
R
F
SERVICE BRAKE
COOLING MANIFOLD
27539-000
G
2.5 GPM
P
T
0.098
(4X)
C4
R4
C3
R3
C2
R2
C1
R1
SERVICE
BRAKES
FRONT
AXLE
SERVICE
BRAKES
REAR
AXLE
BRAKE
LIGHT
14374-000
BRAKE COOLING
RETURN FILTER
FOOT BRAKE
VALVE
2000 PSI
14206-002

LEFT FRAME LEVEL 29239-000
REAR AXLE LOCK 25213-000
4500 PSI
5:1
4.5:1
4500 PSI
R
E
BYPASS
(3-PIN)
.070
FLOAT
.060
ALS

RIGHT FRAME LEVEL 29239-000
REAR AXLE LOCK 25213-000
4500 PSI
5:1
4.5:1
4500 PSI
R
E
BYPASS
(3-PIN)
.070
FLOAT
.060
ALS

OIL COOLER
UPPER SIDE
UPPER REAR
TRANSMISSION
LOWER SIDE
LOWER REAR
14113-010
TRANSMISSION
FILTER
OUT
IN

4500 PSI
5:1
4.5:1
4500 PSI
E
29239-000
FRAME LEVEL
FRONT AXLE
LEFT SIDE

4500 PSI
5:1
4.5:1
4500 PSI
R
29239-000
FRAME LEVEL
FRONT AXLE
RIGHT SIDE

LIFT CYLINDERS 32643-000
10:1
5000 PSI
R
E

BOOM EXTEND
26849-002
1500 PSI
4.5:1
10:1
4000 PSI
E
R

BOOM EXTEND
26849-002
1500 PSI
4.5:1
10:1
4000 PSI
E
R

TILT CYLINDERS 32645-000
4500 PSI
3:1
E
R

MASTER CYLINDERS
32644-000
LEFT
RIGHT
R
E

AUX FUNCTION QD'S
SEE 25226-000
FOR OPTIONS

BU1 -10 | BU2 -10 | BD1 -10 | BU3 -10 | BU4 -10 | BD2 -10 | BE2 -12 | BE1 -12 | BR -10 | FTU2 -10 | FTU1 -12 | FTD -8 | GU -4 | LMB -8 | LMR RMB -8 -6 | RMR -8 -6 | GD -4 | A1 -8 | B1 -8 | A2 -8 -8 | B2

5000 PSI
4.5:1
5000 PSI
4200 PSI
4200 PSI
B
15 GPM
A
15 GPM
P2 -16
R2 -20
T
-4

-6 SB
-6 SA
-20 R1
-16 P1
-4 LS

25 GPM
42 GPM
25 GPM
42 GPM
18 GPM
55 GPM
37 GPM
16 GPM
5 GPM
5 GPM
15 GPM
15 GPM

4500 PSI
290 PSI
2500 PSI
2500 PSI
2500 PSI
2500 PSI
2500 PSI
2500 PSI
2500 PSI
2500 PSI

BOOM LIFT 1
BOOM LIFT 2
BOOM EXTEND
FORK TILT
SWAY
AUX 1
AUX 2
MAIN CONTROL MANIFOLD 32650-000

32521-000 STEERING CYLINDERS
FRONT LEFT
FRONT RIGHT
REAR LEFT
REAR RIGHT

L
3200 PSI
R
3200 PSI
STEER
CONTROL
14006-012
60 CIR
T
LS
P

CF
14242-010
STEER PRIORITY
P1
EF
LS
110 PSI
2900
PSI
T
P
T3
FSB
RSB
RSA
SVR
LS3
LS4
T4
T5
PBR
GPB
FLL
FLA
ALL
ALR
GAL
ALS
B
A
T
P
STEER MODE VALVE
LOAD
SENSE
DUMP
.040
50 PSI
.040
T6
LS5
LS2
.040
T2
GP1
GLS
LS1
P2
T1
RETURN
FILTER
DISTRIBUTION MANIFOLD
27924-002

PRESSURE
FILTER
14359-000
14193-001
4200 PSI
500 PSI △
14003-001 4.88 CIR PUMP
ENG
4200 PSI
14193-001
500 PSI △
14003-001 4.88 CIR PUMP
SUCTION
STRAINERS
14378-000
BREATHER
14368-000
HIGH OIL TEMP LIGHT

RETURN
FILTER
14379-000
PRESSURE
FILTER
14359-000
BRAKE PRIORITY
14242-000
110 PSI
EF
P
T
3475 PSI
LS
CF

XTREME MANUFACTURING
1415 W BONANZA RD, LAS VEGAS, NV
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DESCRIPTION	ECO	DRN	DATE
CAD FILE:	DRN: HHH	DATE: 10/17/14	SCALE:

TITLE: HYDRAULIC SCHEMATIC
SHT 1/1
MACHINE: XR7038
TYPE:
DWG. NO. 25234-001
REV 01