

AutoCAD and Its Applications **BASICS**

Exercise 21-7

1. Continue from Exercise 21-6 or start AutoCAD.
2. Start a new drawing from scratch or use a template of your choice. Save the drawing as EX21-7.
3. Create an unbroken table similar to the table shown in Figure A.

14	1	-	MDI-101065-014	3/8-16UNC-2 X 1.00 HEX SOC CAP SCREW	STL
13	1	-	MDI-101065-013	COLUMN	SAE 1020
12	1	-	MDI-101065-012	SCREW	SAE 1020
11	1	-	MDI-101065-011	RACK	SAE 4320
10	4	-	MDI-101065-010	8-32UNC-2 X .50 HEX SOC CAP SCREW	STL
9	1	-	MDI-101065-09	COVER PLATE	SAE 1020
8	1	-	MDI-101065-08	RACK PAD	SAE 4320
7	1	-	MDI-101065-07	GEAR	SAE 4320
6	1	-	MDI-101065-06	HANDLE	SAE 1020
5	1	-	MDI-101065-05	SLEEVE	SAE 1020
4	2	-	MDI-101065-04	BALL END	SAE 1020
3	1	-	MDI-101065-03	TABLE	SAE 1020
2	1	-	MDI-101065-02	TABLE PIN	SAE 1020
1	1	-	MDI-101065-01	BASE	SAE 1020
FIND NO	QTY REQD	DIA	PART OR IDENT NO	NOMENCLATURE OR DESCRIPTION	MATERIAL
PARTS LIST					

A

4. Use table breaking to modify the table to look similar to the table shown in Figure B.

6	1	-	MDI-101065-06	HANDLE	SAE 1020
5	1	-	MDI-101065-05	SLEEVE	SAE 1020
4	2	-	MDI-101065-04	BALL END	SAE 1020
3	1	-	MDI-101065-03	TABLE	SAE 1020
2	1	-	MDI-101065-02	TABLE PIN	SAE 1020
1	1	-	MDI-101065-01	BASE	SAE 1020
FIND NO	QTY REQD	DIA	PART OR IDENT NO	NOMENCLATURE OR DESCRIPTION	MATERIAL
PARTS LIST					

14	1	-	MDI-101065-014	3/8-16UNC-2 X 1.00 HEX SOC CAP SCREW	STL
13	1	-	MDI-101065-013	COLUMN	SAE 1020
12	1	-	MDI-101065-012	SCREW	SAE 1020
11	1	-	MDI-101065-011	RACK	SAE 4320
10	4	-	MDI-101065-010	8-32UNC-2 X .50 HEX SOC CAP SCREW	STL
9	1	-	MDI-101065-09	COVER PLATE	SAE 1020
8	1	-	MDI-101065-08	RACK PAD	SAE 4320
7	1	-	MDI-101065-07	GEAR	SAE 4320

B

5. Resave and close the file.
6. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.