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Census File Number

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 INSTRUCTIONS

1. General – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . . " line at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . . ," Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Materials Consumed – The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges). If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

- 3. Contract Work Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 10, line e, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.
- 4. **Resales –** Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."
- 5. Produced and Consumed Forgings, foundries, and screw machine products Report the quantities produced and used in manufacturing other products made in this establishment in item 19. Note that the materials used to produce these items should be reported in item 17.

Line No.		Materials, parts, and supplies (A)	Census material code ⁵⁷¹ (B)	Consumption of purchased materials and of materials received from other establishments of your company Cost, including delivery cost (freight-in) (E) 574 Thou- Millions sands Dollar			
1	"Core" parts pur	rchased for use in remanufacturing or rebuilding	999826 1	\$	 		
2	FLUID POWER PRODUCTS	Hydraulic and pneumatic fluid power pumps, motors, and hydrostatic transmissions	359412 4				
3	(Hydraulic and pneumatic)	Valves	349271 7				
4		Cylinders and rotary actuators	359301 9		 		
5		Hose or tube fittings and assemblies	349261 8		 		
6		Filters	356921 7				
7		Other fluid power products, except pumps, compressors, valves, cylinders, rotary actuators, hose or tube fittings and assemblies, etc.	190089 3		 		
8	FABRICATED METAL PRODUCTS,	Automotive stampings (including body parts, hubcaps, fenders, etc.)	346501 0		 		
9	EXCEPT FORGINGS	Bolts, nuts, screws, rivets, washers, and screw machine products	345001 2		 		
10		Other fabricated metal products, except fluid power	340056 1		 		
11	Forgings		346000 3		 		
12	CASTINGS (Rough and semifinished)	Iron and steel	332001 7				
13			336005 4		 		
14		Other nonferrous	336003 9				

CONTINUE WITH ITEM 17 ON PAGE 6

	rm MC-370		ELECTED MATERIALS DURING 1997 – Continued				Page 6
Line No.			aterials, parts, and supplies	Census material code	Cost, inclu cost (f	ed mater materia from o nents o npany ding de reight-i (E)	erials als ther f your elivery n)
	Shapes and	STEEL	(A)	(B)	Millions	sands	Dollars
15	Forms (Except castings, forgings, and		Bars, bar shapes, and plates	331007 5	\$	 	
16	fabricated metal		Sheet and strip	331022 4		 	
17	products)		All other steel mill shapes and forms	331034 9			
18		Copper and cop	oper-base alloy	335004 8		 	
19		Aluminum and	aluminum-base alloy	335010 5			
20		Other nonferrou	us shapes and forms	335099 8		 	
21	BEARINGS (Mounted or unmounted)	Ball	356218 8				
22	announce)	Roller		356201 4		 	
23	Fabricated plast	ics products (exc	308006 6		 	 	
24	Plastics product	s consumed in th	308007 4				
25	Plastics resins c excluding sheet	onsumed in the s s, rods, tubes, ar	282104 9		 		
26	Fabricated rubb	er products (exce	ept tires, tubes, hose, belting, and gaskets)	306902 8		 	
27	Rubber and plas	stics hose and be	lting	305201 6		 	
28	Ceramic raw ma excluding refrac	aterials (including tory uses)	powders, chemicals, and fibers;	280020 9		 	
29	Ceramic and cer	ramic composite	parts, components, and accessories	320601 8		 	
30	Gaskets (all type	es), packing, and	sealing devices	305302 2			1
31	Paints, varnishe	s, lacquers, stain	s, shellacs, japans, enamels, and allied products	285101 2		 	
32	Glues and adhe	sives		289101 8			
33	Flexible packagi	ng materials		190003 4			
34	Paper and pape	rboard container	S	260051 8		 	
35	Engine electrica ignition coils, ig	l equipment (spa nition harness, a	rk plugs, generators, starting motors, distributors, nd cable sets, switches, etc.)	369401 5			
36	Resistors, capac other electronic	itors, transforme components	ers, electron tubes, semiconductors, and	367004 9			
37	supplies consun	ned	omponents, parts, containers, and	. 970099 8		 	
	Describe the pri	ncipal materials,	etc., included in this value.				1
					1	 	
38	TOTAL Sum of lir	nes 1–37 should e	equal item 10, line a		\$	 	
It	e m 18A - Not					I	1

CONTINUE WITH ITEM 18B ON PAGE 7

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 INSTRUCTIONS

 General – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Products – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

- 3. Contract Work Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.
- 4. Resales Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."
- 5. Detailed Data Reported Elsewhere Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.

NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.

			Census	Products s other	shipped receipt		
Line No.			Products and services	product code	Value, f	.o.b. pl (E)	ant
Li			(A)	581 (B)	584 Millions	Thou-	l Dollars
1	Gasoline Engines and	Gasoline engin	es, new (with or without cylinder heads, fuel pumps, and other standard accessories)	37142 01 5	\$		
2	Gasoline Engine Parts	Intake manifold	· · · · · · · · · · · · · · · · · · ·		Ψ	 	
	Vehicles,			37142 06 4		 	
3	(37142) – (Report	Exhaust manife		37142 07 2		<u> </u>	
4	factured gasoline	Crankshafts, er	igine	37142 08 0		 	
5	engines and gasoline	Camshafts, enç	jine	37142 09 8			
6	engine parts for motor vehicles on	Rocker arms ar	nd parts	37142 15 5		 	
7	lines 120–125)	Valve guides, s	eats, and tappets	37142 16 3		 	
8	-	Fuel injection s	ystems	37142 18 9		 	
9		Flywheels and	flexplates	37142 17 1			
10		Timing gears, s	prockets, and chains	37142 22 1		 	
11		ENGINE BEARINGS	Main	37142 24 7		 	
12		(Halves)	Connecting rod	37142 25 4		 	
13			Other (balance shaft, camshaft, etc.)	37142 26 2		 	
14		OIL PUMPS, NEW	Engine	37142 27 0		 	
15			Power steering	37142 28 8		 	
16		Fuel pump ass	emblies (excluding kits)	37142 31 2			
17			semblies (excluding kits)	37142 32 0		 	
18		Engine cooling	37142 34 6		 		
19		Radiators, com	37142 35 3		 		
20		Radiator shells	37142 36 1		 		
21	(Continued on		ngine cooling system)	37142 37 9			
22		PCV (positive c	rankcase ventilation) valves	37142 41 1			

It	em 18B. PROD	OUCTS AND SE	RVICES OF THIS ESTABLISHMENT DURING 1997 -	Continued			raye
Line No.		*Item co	Products and services prresponds to products reported Current Industrial Reports	Census product code	Value, f	receipt	ts
Lin			(A)	(B)	584 Millions	Thou-	l Dollars
	Gasoline Engines and	ALL OTHER PARTS AND		(5)			
23	Gasoline Engine Parts	ACCESSORIES FOR		37142 49 4	\$	 	
24	for Motor Vehicles, New	GASOLINE AUTOMOTIVE ENGINES -		37142 49 4		 	
	(37142) – (Report	Specify principal products and		37112 17 1		 	<u> </u>
25	remanu- factured gasoline	their values on lines 23 to 25		37142 49 4		 	
	engines and gasoline	and report the residual on line 26	_			 	
	engine parts for motor vehicles on					 	i
26	lines 120–125) – Continued			37142 49 4		 	
-	Diesel, semidies	el, and dual-fuel	engines for automobiles, highway trucks, and			 	
27	buses (correspo MA35L, Internal	nds to the sum o Combustion Eng	f item codes 9410–9425 as reported on CIR Form jines, for 1997) (35194)*	35194 00 0			
28	Parts and Accessories for Internal	Crankshafts, eng	gine	35199 08 2		 	
29	Combustion Engines	Camshafts, engi	ine	35199 09 0		 	
30	(Except aircraft and gasoline	Engine blocks		35199 35 5		 	
31	automotive engines and gas turbines)	Cylinder liners (sleeves)	35199 39 7		 	
32	(35199)	Intake manifold	s and exhaust manifolds	35199 63 7		 	
33		Valve guides, se	eats, and tappets	35199 67 8		 	
34		Rocker arms and	d parts	35199 71 0		 	
35		Fuel injection sy	vstems (multipoint)	35199 75 1		 	i +
36		Superchargers (including turbochargers)	35199 91 8		 	
37		Flywheels		35199 21 5		 	
38		ENGINE BEARINGS (Halves)	Main (crankshaft)	35199 24 9		 	i +
39			Connecting rod	35199 25 6		 	
40			Other (balance shaft, camshaft, etc.)	35199 33 0		 	
41			Engine oil pumps	35199 27 2			
		Other engine pa	rts and accessories – Specify kind			 	
42				35199 99 1			
43	Filters for Internal Combustion	OIL	Light-duty (car and light truck)	37144 01 1		 	
44	Engines, New (37144)		Heavy-duty	37144 02 9		 	
45		FUEL	Light-duty (car and light truck)	37144 04 5		- -	
46			Heavy-duty	37144 05 2		 	
47		AIR	Light-duty (car and light truck)	37144 07 8		 	
48			Heavy-duty	37144 08 6		 	
49		Other (including	coolant and hydraulic)	37144 09 4			
			CONTINUE WITH ITEM 18B ON PAGE 9				

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Census File Number

				Census	Products s other	shipped receipt	and s
Line No.			Products and services	product code	Value, t	f.o.b. pl (E)	ant
Lin			(A)	581 (B)	584 Millions	Thou- sands	
50	EXHAUST SYSTEM	Mufflers (includ	ing standard, sports or glass pack, and resonators)	37145 01 8	\$	 	
51	PARTS, NEW (37145)	Pipes (including and side pipes)	exhaust, intermediate, connecting, crossover, tail,	37145 02 6			
52		Catalytic conver	rters	37145 03 4		 	
53	Drive Train Components,	TRANS- MISSIONS	Car and light truck type: • Manual	37146 03 2			1
54	New (Except wheels and brakes)	(Except auxiliary and parts) (Report	Automatic	37146 05 7			
55	(37146) – (Report remanu-	transaxles on line 59)	Heavy truck and bus type: • Manual	37146 13 1		 	
56	factured Drive Train		Automatic	37146 15 6		 	
57	Components on lines 136–141)		Parts for manual transmissions	37146 23 0		 	
58			Parts for automatic transmissions	37146 25 5		 	
59		Transaxles		37146 28 9			
60		Clutch disc and	facing assemblies	37146 31 3		 	
51		Gear shifters		37146 33 9			1
52		Drive shafts		37146 35 4		 	
53		Universal joints		37146 37 0		 	
54		Axles and axle	parts	37146 41 2		 	
55		Wheel hubs (so	Id separately)	37146 43 8		 	
56		Other drive train	n components	37146 49 5		 	
57	Motor Vehicle Wheels, New	CAR AND LIGHT TRUCK TYPE	Steel	37147 01 4			
58	(37147)	147)	Aluminum	37147 05 5			
59			Other (including combination)	37147 07 1		 	
70		trailer coaches)	bus type (including those for truck trailers and	37147 14 7		1	
/1	Brake Parts and Assemblies,	BRAKE CYLINDERS, NEW	Wheel (sold separately)	37148 01 2		 	
12	New		Master (sold separately)	37148 02 0		 	
73	factured Brake Parts and	Brake valves		37148 03 8		 	
14	Assemblies on lines 126–132)		es (drum) (including backing plates, shoes, linings s), cylinders, etc., if sold together)	37148 07 9		 	
75		Brake assemblie (except asbesto	es (disc/caliper) (including rotors, calipers, pads s), cylinders, etc., if sold together)	37148 09 5			
16		Brake drums (w	vith or without hub) sold separately	37148 11 1		 	
77		Brake rotors/dis	cs (with or without hub) sold separately	37148 13 7		 	
78		Brake shoes (w	ith or without lining) sold separately	37148 15 2		 	
79		Metallic or sem	imetallic brake linings (excluding asbestos)	37148 17 8		 	
30	(Continued on next page)	Automotive bra	ke hose assemblies	37149 12 7			1

Solution Products and services Consust (a) Products and services 81 Bisch Parts Addentity (B) Bisch Parts (C)		Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued												
Products and services Central ser	ne		JOIS AND SE			Products	hinned	and						
2 1 control 1 contro 1 control 1 cont						other	receipt	S						
Image: sec: sec: sec: sec: sec: sec: sec: se	e No			Products and services	code			ant						
81 Backer Ports Activity Ports (Report Parts and Controlled Parts and controled Parts and controlled Parts and controlled Parts an	Lin			(A)			Thou-	Dollars						
B Second Back Process Hydraulic 37148 23 6 B Process 37148 23 6 1 B Factured Back Process 37148 23 6 1 B Statemann Process 37148 23 6 1 B Statemann Process 37148 23 7 1 B Statemann Process 37148 23 7 1 B Statemann Process 37149 05 1 1 B Statemann Process 37149 06 1 1 B State Absorbers 37149 06 1 1 Statemann Process State Absorbers 37149 07 7 1 B The rod ands 37149 07 7 1 B Ball joints 37149 08 5 1 B Steering wheels, columns and gearbases 37149 19 1 1 B Description of the relaction of the relactio	91			R			 							
Notional Frectured Brack Frectured Brack Differs 128-132 - Continued Brack Automatic Sciences Automatic Sciences Automatic Sciences Automatic Sciences Automatic Sciences Based Sc		Assemblies, New				4	 	 						
10 Protection Difference Difference Difference 36 Continued Other brake parts 37149 05 1 Image: Continued of the parts 37 Suspension of indexes Structs 37149 05 1 Image: Continued of the parts 38 Suspension of indexes Structs 37149 05 1 Image: Continued of the parts 38 Suspension of indexes Structs Structs 37149 06 9 Image: Continued of the parts 38 133-135 Structs To root onds 37149 06 9 Image: Continued of the parts 37149 06 9 Image: Continued of the parts 37149 06 9 Image: Continued of the parts Image: Continue		remanu-					 							
- Continued Other brace parts 37149 27 7 35 STEERING SUSPENSION (Report retain suspensions of these suspensions of these suspensions of these suspensions of these suspensions suspensions of these suspensions of these suspensions suspensions of these suspensions suspensions of these suspensions suspensions of these suspensions suspensions of these suspensions of these suspensions of the suspensions suspension supprime suspension supprime suspension supprime suspension supprime supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime suspension supprime supprim supprim supprim supprime supprime supprim supprime supprime sup	83	Parts and		Vacuum	37148 25 1		 							
195 STEERING AND SUSPENSION COMPORTANT COMPORTANT SUSPENSION COMPORTANT SUSPENSION COMPORTANT SUSPENSION COMPORTANT SUSPENSION COMPORTANT SUSPENSION COMPORTANT SUSPENSION SUSPENSIO							 							
95 AUD 37149.05.1	84		Other brake	parts	37148 27 7		 							
30 COMPONENTS (Report networks) Struts 37149 43.2 37 The rod ends 37149 06.9 Image: Component of the symphonent of the symphon	85	AND	Shock absorl	pers	37149 05 1		 							
87 Subpension components 133-135) The rod ends 37149 06 9 88 133-135) Steering idler arms, drag links, and control arms 37149 07 7 89 Ball joints 37149 08 5 Image: control arms 37149 08 5 90 Automotive power steering hose assemblies 37149 11 9 Image: control arms 37149 20 0 91 Rack and pinion steering gears 37149 18 4 Image: control arms 37149 19 2 93 Other steering and suspension components 37149 26 7 Image: control arms 37149 26 7 94 Vehicle Electrone and suspension components 37149 26 7 Image: control arms Starting (engine cranking) motors, new 36941 00 3 95 Vehicle Electrone and suspension components 37149 21 8 Image: control arms 96 Equipment, New (Report rebuilt engine eranking) motors, new 36940 00 7 Image: control arms 97 Windshield wiper/washer subassemblies, including umps. 37149 21 8 Image: control arms 98 Electrone and ball wipe haders 37149 42 4 Image: control arms 37149 42 4 99 Electrone control units 37149 42 4 Image: control arms	86	COMPONENTS (Report rebuilt	Struts		37149 43 2		 							
380 nilines 37149 07 7 390 Ball joints 37149 08 5 391 Automotive power steering hose assemblies 37149 10 0 391 Automotive power steering hose assemblies 37149 10 0 391 Automotive power steering does assemblies 37149 10 2 392 Rack and philon steering gears 37149 19 2 393 Integral gears and manual steering gears 37149 19 2 394 Other steering and supponsion components 37149 19 2 395 Vehicle Electrical and other identice regime Integral gears, alternators and regulators, new 36942 01 9 396 Electrical and other identice regime Starting (engine cranking) motors, new 36943 01 7 396 OTHER ELECTRONIC INTEGRAL Windshied wiper/washer subassemblies, including Umps 37149 21 8 301 OTHER ELECTRONIC INTEGRAL Other engine electrical equipment, new 36940 00 5 36941 00 3 301 OTHER ELECTRONIC INTEGRAL Windshied wiper/washer subassemblies, including Umps 37149 21 8 37149 21 8 301 Other automotive heaters, heater cores and other heater ELECTRONIC Windshied wiper stes, except lightion 37149 42 4 37149 13 5 <td< th=""><th>87</th><th>suspension components</th><th>Tie rod ends</th><th></th><th>37149 06 9</th><th></th><th> </th><th></th></td<>	87	suspension components	Tie rod ends		37149 06 9		 							
90 Automotive power steering hose assemblies 37149 11 9 91 91 92 Steering wheels, columns and gearboxes 37149 20 0 93 Integral gears and manual steering gears 37149 10 2 94 Other steering and suspension components 37149 20 7 95 Motor Coller steering and suspension components 37149 20 7 96 Electrication Electrication Electrication 97 Electrication Electrication Electrication 98 Electrication Electrication Electrication 99 Electrication Electrication Electrication 99 Electrication Electrication Electrication 99 Electrication Electrication Electrication 91 Electrication Electrication Electrication 92 Electrication Electrication Electrication 93 Other engine electrical equipment, new 36942 00 7 94 Other engine electrical equipment, new 36940 00 5 95 Electrication Other automotive heaters, heater cores and other heater 96 Electrication Gruber engine electrical equipment, new 36940 00 5 97 Electrication Gru	88	on lines	Steering idle	r arms, drag links, and control arms	37149 07 7		 							
91 Steering wheels, columns and gearboxes 37149 20 0 92 Rack and pinion steering gears 37149 18 4 93 Integral gears and manual steering gears 37149 18 4 94 Other steering and suspension components 37149 26 7 95 Wotor Equipment, relacting and suspension components 37149 26 7 96 Electronic Equipment, relacting and suspension components 36941 00 3 97 Electronic electrical and other electrical equipment on lines 142-148) Other steering gears 36942 01 9 97 Electronic electronic and other electrical and other electrical and equipment on lines 142-148) Other engine electrical equipment, new 36943 01 7 98 Other engine electrical equipment, electronic and other automotive heaters, heater cores and other heater 37149 21 8 100 OTHER ELECTRONC EL	89		Ball joints		37149 08 5		 							
92 Rack and pinion steering gears 37149 18 4 93 Integral gears and manual steering gears 37149 18 4 94 Other steering and suspension components 37149 19 2 95 Wotor Petricial and electricial an	90		Automotive	power steering hose assemblies	37149 11 9		 							
93 Integral gears and manual steering gears 37149 19 2 94 Other steering and suspension components 37149 19 2 95 Motor Vehicle Electrical and equipment on lines 142-148 ELECTRICAL ELECTRICAL New Ignition harness and cable sets 36941 00 3 96 Electronic equipment on lines 142-148 Ignition harness and cable sets 36941 00 3 97 Other electrical and other electrical and equipment on lines 142-148 Other engine electrical equipment, new 36940 00 5 97 OTHER ELECTRICAL ELECTRICA	91		Steering whe	els, columns and gearboxes	37149 20 0		 							
94 Other steering and suspension components 37149 26 7 95 Motor Efficiency of the steering and suspension components 36749 26 7 96 EQUIPMENT, Equipment, New (Report rebuilt engine) Ignition harness and cable sets 36941 00 3 97 Februaries and equipment on innes 142-148) Ignition harness and regulators, new 36942 01 9 99 Starting (engine cranking) motors, new 36944 00 7 10 100 Other engine electrical equipment, new 36940 00 5 10 101 Other engine electrical equipment, new 36940 00 5 10 103 Other engine electrical equipment, new 36940 00 5 10 104 Other atomotive heaters, heater cores and other heater parts 37149 42 4 10 103 ELECTRONIC EUPMENT, ENGINE Biock and battery heaters 37149 42 7 10 103 Electronic control units 37149 42 7 10 10 10 104 Electronic control modular chips for motor vehicles 36799 26 0 10 10 105 Marturent board assemblies 37149 02 8 11 11 11 11 11 11 11 11	92		Rack and pin	ion steering gears	37149 18 4		 							
Motor 95 Motor Electrical and other electrical equipment, rebuilt engine electrical and other electrical equipment on lines 142-148 ENGINE Electronic EQUIPMENT, New (Report rebuilt engine) ENGINE EQUIPMENT, New (Report electrical and other electrical equipment on lines 142-148 ENGINE EQUIPMENT, NEW ENGINE Electronic Spark plugs 36941 00 3 100 0 Starting (engine cranking) motors, new other electrical equipment on lines 142-148 Starting (engine cranking) motors, new other engine electrical equipment, new Other engine electrical equipment, new ELECTRICAL AND ELECTRICAL EQUIPMENT, EXCEPT ENGINE Other engine electrical equipment, new Other automotive heaters, including pumps 37149 21 8 101 0 Other automotive heaters, ENGINE Block and battery heaters 37149 42 4 102 0 Differ automotive heaters, heater cores and other heater parts 37149 44 0 103 0 Other automotive heaters, heater cores and other heater parts 37149 14 3 104 Electronic control units 37149 14 5 0 105 Electronic control modular chips for motor vehicles 36799 26 0 0 108 ALL OTHER WENGRE Bumper assemblies, bumpers, and parts 37149 01 0 0 104 ALL OTHER WENGREPOT Bumper assemblies, bumpers, and parts	93		Integral gear	s and manual steering gears	37149 19 2		 							
99 Vehicle Electronic Fullyment, New (Report robuingent, and additional and additional sequipment on lines 142–148) ELECTRICLA Fullyment, New (Report robuingent on lines 142–148) Ignition harness and cable sets 36941 00 3 Image: Comparison of the c	94			g and suspension components	37149 26 7		 							
96 Equipment, rebuilt engine electrical and other electrical and other engine electrical equipment, new 36944 00 7 100 OTHER ELECTRICLE EQUIPMENT, NEW, EXCEPT ENGINE Windshield wiper/washer subassemblies, including pumps 37149 42 4 101 OTHER ELECTRONC EQUIPMENT, NEW, EXCEPT ENGINE Mindshield wiper/washer subassemblies, including pumps 37149 44 0 103 Other automotive heaters, heater cores and other heater parts 37149 44 0 Image: Core other automotive heaters, heater cores and other heater parts 37149 44 0 104 Viring harness sets, except ignition 37149 45 7 Image: Core other automotive electrical equipment, except engine 37149 46 5 105 Aut. OTHER VEHICLE PARTS AND ACCESSORIES, Automotive frames Bumper assemblies, bumpers, and parts 37149 01 0 Image: Core other tured parts and access- sories on lines tured parts and a	95	Vehicle	ELECTRICAL	Ignition harness and cable sets	36941 00 3		 							
99 Percluit erigine of the relectrical and other electrical equipment on lines 142–148) Starting (engine cranking) motors, new 36943 01 7 99 Other electrical equipment on lines 142–148) Other engine electrical equipment, new 36940 00 5 100 Other engine electrical equipment, new 36940 00 5 Image: Comparison of the second of the	96	Equipment,	NEW	Generators, alternators and regulators, new	36942 01 9		 	 						
98equipment on lines 142-148)Spark plugs36944 00 7Image: Spark plugs990ther engine electrical equipment, new36940 00 5Image: Spark plugs37149 21 81000THER ELECTRONCEWindshield wiper/washer subassemblies, including pumps37149 21 8Image: Spark plugs1010THER ELECTRONCEWindshield wiper/washer subassemblies, including pumps37149 21 8Image: Spark plugs1020THER ELECTRONCEBlock and battery heaters37149 42 4Image: Spark plugs1030THER EXCEPT ENGINEBlock and battery heaters37149 14 3Image: Spark plugs1040THER EXCEPT ENGINECruise control units37149 13 5Image: Spark plugs1050THER ENGINECruise control units37149 13 5Image: Spark plugs1060THER MOTOR VEHICLEElectronic control modular chips for motor vehicles36799 26 0Image: Spark plugs1080THER VEHICLEBumper assemblies, bumpers, and parts37149 01 0Image: Spark plugsImage: Spark plugs109MOTOR VEHICLE PARTS AND ACCESSORES, NER ELECTRONCEMutomotive frames37149 02 8Image: Spark plugsImage: Spark plugs110NEW ERPORT Other other ther gardsAutomotive air conditioning hose assemblies37149 09 3Image: Spark plugsImage: Spark plugs111NEW ERPORT other ther gardsImage: Spark plugs37149 09 3Image: Spark plugsImage: Spark plugsImage: Spark plugs1111<	97	rebuilt engine electrical and		Starting (engine cranking) motors, new	36943 01 7		 							
99Other engine electrical equipment, new36940 00 5100OTHER ELECTRICAL AND AND AND AND ALL OTHER MOTOR ALL OTHER MOTOR ELECTRICAL ALL OTHER MOTOR ELECTRICAL ALL OTHER MOTOR ELECTRICAL ALL OTHER MOTOR ALL OTHER<	98	equipment on		Spark plugs	36944 00 7		 							
100 Image: Section of the secting o	99			Other engine electrical equipment, new	36940 00 5		 							
101ELECTRONIC EQUIPMENT, NEW, EXCEPT ENGINEBlock and battery heaters37149 42 4103104ELECTRONIC PartsOther automotive heaters, heater cores and other heater parts37149 44 0103Image: Strength of the stren	100		ELECTRICAL		37149 21 8		 							
102EXCEPT ENGINEOther autonotive neaters, neater cores and other neater parts37149 44 0103104Permanent defrosters37149 13 5105Cruise control units37149 13 5106Instrument board assemblies37149 15 0107Electronic control modular chips for motor vehicles36799 26 0108ALL OTHER MOTOR VEHICLE PARTS AND ACCESSORIES, NCHER Ured partsBumper assemblies, bumpers, and parts37149 01 0101Fuel tanks37149 02 8111Fuel tanks37149 03 6112Continue on next page)Automotive air conditioning hose assemblies37149 16 8114Continue on next page)Convertible tops37149 22 6	101		ELECTRONIC EQUIPMENT,	Block and battery heaters	37149 42 4		 							
103Permanent defrosters37149 14 3104Cruise control units37149 13 5105Instrument board assemblies37149 45 7106Wiring harness sets, except ignition37149 15 0107Electronic control modular chips for motor vehicles36799 26 0108Other automotive electrical equipment, except engine37149 46 5109ALL OTHER MOTOR PARTS AND ACCESSORIES, NEW (Report other tured parts and acces- sand acces- tured parts 120-149)Bumper assemblies, bumpers, and parts Automotive frames37149 00 0111Fuel tanks37149 09 310112Automotive air conditioning hose assemblies37149 09 310113Continue on next page)Gonvertible tops37149 16 8	102		EXCEPT		37149 44 0		 							
105Instrument board assemblies37149 45 7106Instrument board assemblies37149 15 0107Wiring harness sets, except ignition37149 15 0108Electronic control modular chips for motor vehicles36799 26 0108Other automotive electrical equipment, except engine37149 46 5109ALL OTHER MOTOR VEHICLE PARTS AND ACCESSORIES, NEW (Report other remanufac- tured partsBumper assemblies, bumpers, and parts37149 01 0110ACCESSORIES, NEW (Report other remanufac- tured partsAutomotive frames37149 02 8111Fuel tanks37149 03 6Image: Control modular chips for motor wehicles37149 03 6111Vindshield wiper blades37149 03 6Image: Control modular chips for motor wehicles37149 03 6113(Continue on next page)Convertible tops37149 22 6Image: Control modular chips for motor wehicles	103			Permanent defrosters	37149 14 3		 							
106Wiring harness sets, except ignition37149 15 0107Electronic control modular chips for motor vehicles36799 26 0108Other automotive electrical equipment, except engine37149 46 5109ALL OTHER MOTOR VEHICLE PARTS AND ACCESSORIES, NEW (Report other remanufac- tured parts and acces- sories on lines 120-149)Bumper assemblies, bumpers, and parts37149 01 0111Fuel tanks37149 02 8112Fuel tanks37149 03 6113(Continue on next page)Convertible tops37149 16 8	104			Cruise control units	37149 13 5		 							
107Electronic control modular chips for motor vehicles36799 26 0108Other automotive electrical equipment, except engine37149 46 5109ALL OTHER WOTOR VEHICLE PARTS AND ACCESSORIES, NEW (Report other remanufac- tured parts and acces- sories on lines 120-149)Bumper assemblies, bumpers, and parts37149 01 0111Fuel tanks37149 02 8112Automotive frames37149 03 6113Automotive air conditioning hose assemblies37149 09 3114(Continue on next page)Convertible tops37149 22 6	105			Instrument board assemblies	37149 45 7		 							
108Other automotive electrical equipment, except engine37149 46 5109ALL OTHER MOTOR VEHICLE PARTS AND ACCESSORIES, NEW (Report other remanufac- tured parts and acces- sories on lines 120–149)Bumper assemblies, bumpers, and parts37149 01 0111Fuel tanks37149 02 8112Automotive frames37149 03 6113Automotive air conditioning hose assemblies37149 09 3114(Continue on next page)Gonvertible tops37149 22 6	106			Wiring harness sets, except ignition	37149 15 0		 							
109ALL OTHER MOTOR VEHICLE PARTS AND ACCESSORIES, NEW (Report other remanufac- tured parts and acces- sories on lines 120-149)Bumper assemblies, bumpers, and parts37149 01 0111Automotive frames37149 02 8112Fuel tanks37149 03 6113Automotive air conditioning hose assemblies37149 09 3114(Continue on next page)Convertible tops37149 22 6	107			Electronic control modular chips for motor vehicles	36799 26 0		 							
109MOTOR VEHICLE PARTS AND ACCESSORIES, NEW (Report other remanufac- tured parts and acces- sories on lines 120-149)Bumper assemblies, bumpers, and parts37149 01 0111Automotive frames Fuel tanks37149 02 8112Sories on lines 120-149)Fuel tanks113Vindshield wiper blades37149 09 3114(Continue on next page)Convertible tops37149 22 6	108			Other automotive electrical equipment, except engine	37149 46 5		' 							
110ACCESSORIES, NEW (Report other remanufac- tured parts and acces- sories on lines 120-149)Automotive frames37149 02 8111Fuel tanks37149 03 6112Automotive air conditioning hose assemblies37149 09 3113Windshield wiper blades37149 16 8114(Continue on next page)Convertible tops37149 22 6	109	MOTOR VEHICLE	Bumper asse	mblies, bumpers, and parts	37149 01 0		 							
111other remanufac- tured parts and acces- sories on lines 120-149)Fuel tanks37149 03 6113Automotive air conditioning hose assemblies37149 09 3113Windshield wiper blades37149 16 8114(Continue on next page)Convertible tops37149 22 6	110	ACCESSORIES,	Automotive f	rames	37149 02 8		 							
112and accessories on lines sories on lines 120-149)Automotive air conditioning hose assemblies37149 09 3113Vindshield wiper blades37149 16 8114(Continue on next page)Convertible tops37149 22 6	111	other remanufac-	Fuel tanks		37149 03 6		 							
113Windshield wiper blades37149 16 8114(Continue on next page)Convertible tops37149 22 6	112	and acces- sories on lines	Automotive a	air conditioning hose assemblies	37149 09 3		 	 						
114 next page)Convertible tops37149 22 6	113	120–149)	Windshield v	viper blades	37149 16 8		 							
CONTINUE ON PAGE	114	(Continue on next page)	Convertible t	ops										

CONTINUE ON PAGE 11

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Census File Number

					Census	Products other	shippeo receipt	d and ts
ne No.		F	Products and ser	vices	product code	Value, f.o.b. plant		
Line			(A)		(B)	584 Millions	Thou-	। Dollar
15	ALL OTHER MOTOR VEHICLE	Sunroof and pa	rts		37149 23 4	\$		
	PARTS AND ACCESSORIES,	Dumptruck liftir	ng mechanisms		37149 24 2			Ì
117	NEW (Report other remanu- factured parts	Fifth wheels			37149 25 9			
118	and acces- sories on lines	Automotive airl	bag assemblies a	and parts thereof	37149 31 7			
	120–149) – Continued	All other motor	vehicle parts – S	Specify			 	
119					37149 51 5			
	necessary, all pa defective, worn,	arts cleaned and i and missing part	made free from r ts restored or rep	dismantled and reconstructed, as rust and corrosion; damaged, placed; and other operations working condition.				
20	Rebuilt Gasoline Engines and	REBUILT GASOLINE ENGINES	Car and light tr	uck type	3714A 23 1			
121	Engine Parts for Motor Vehicles		Heavy truck and	d bus type	3714A 25 6		 	
122	venicies	Rebuilt fuel pur	nps		3714A 02 5			
123		Rebuilt water pu	ımps	3714A 03 3				
124		Rebuilt carburet	ors	35921 03 0		 	 	
125		Other rebuilt en	gine parts, and c	components	3714A 43 9			
126	Rebuilt Motor Vehicle Brake Parts and	REBUILT BRAKE POWER ACTUATION	Air		3714A 33 0		 	
127	Assemblies	UNITS	Vacuum		3714A 35 5		 	
28			Hydraulic		3714A 37 1			
129		Rebuilt brake sh	oe assemblies (o	drum brake)	3714A 09 0			
130		Rebuilt brake ca	liper assemblies	(disc brake)	3714A 10 8		 -	
131		Rebuilt brake m	aster cylinders		3714A 11 6			
132		Other rebuilt bra	ake systems and	parts	3714A 44 7		 	
133	Rebuilt Motor Vehicle Steering and	Rebuilt rack and	pinion steering	assemblies	3714A 39 7			
134	Suspension Components	Rebuilt power s	teering pumps		3714A 06 6			
135		Other rebuilt ste	ering and suspe	ension components	3714A 47 0		 	
136	Rebuilt Motor Vehicle	REBUILT TRANS- MISSIONS	Car and light truck type	Automatic	3714A 27 2			
137	Trans- missions and Drive	INCLUDING DRIVE LINES		Manual	3714A 29 8			
138	Train Parts	AND AXLES, AND PARTS	Heavy duty true	ck and bus type	3714A 31 4			
139			Other rebuilt tra and facing asse joints, and whe	ansmission parts including clutch emblies, gear shifters, universal eel hubs	3714A 32 2		 	
140		Rebuilt clutch di	iscs and pressure	3714A 04 1				
141		Other rebuilt dri	ve train parts an	d components	3714A 30 6			

Line No.			Products and ser	vices	Census product code	Value, f	receipt	ts
Line			(A)		581 (B)	E94	Thou- sands	
142	Rebuilt Electrical and	Rebuilt windsh	ield wiper-washe	r units	3714A 40 5	\$		
43	Electronic Equipment	Rebuilt genera	tors and alternate	ors	36942 03 5		1	
44		Rebuilt regulat	ors		36942 04 3		 	
45		Rebuilt starting	g (engine cranking	g) motors	36943 03 3		 	
46		Rebuilt cruise			3714A 05 8			
47		Other rebuilt e alternators, rec on lines 95–99	quipment, except generators, ing motors (Report new equipment	36940 00 5		 		
		Other rebuilt e equipment – S			 			
48	Othor robuilt m	ator vohiclo par	ts – Specify kind		3714A 51 2		 	
		stor venicle par					 	
149					3714A 52 0		 	
150	Special Dies and	JIGS AND FIXTURES,	Gauging and ch • Less than 1,0	necking types: 100 lbs weight	35441 13 8		 	
151	Tools, Die Sets, Jigs, and	ALL TYPES	• 1,000 lbs wei	ight or more	35441 15 3		 	
	Fixtures (35441)		All other jigs ar layout, assemb	nd fixtures (holding, positioning, ly, etc.):			 	
152				g fixtures; less than 1,000 lbs weight ork holding fixtures; less than 1,000	35441 16 1		 	
153			Ibs weight		35441 14 6		 	
154			1,000 lb weig Standard catalo	pht or more og components and parts for jigs and ng drill bushings)	35441 18 7		 	
155		DIES,			35441 19 5		 	
156		METAL CUTTING	Press brake die Forming and dr		35441 21 1		 	
157		ONLY	500 lbs weight		35441 22 9		 	
158			• 501 to 3,000	<u> </u>	35441 24 5		 	
159				including lamination and blanking dies):	35441 26 0			
160			Progressive-typ • High-speed s		35441 27 8		י 	
161			Carbide		35441 28 6		 	
162			• Other		35441 25 2		 	
163			bing-type dies (punch, trim, notch,	35441 23 7				
164			Open die typ	ncluding cold forging and heading): e	35441 33 6		 	
165			Closed die ty Extrusion	pe	35441 35 1		 	
166			and wire-	Ceramic and ceramic composite	35441 42 7		 	
167		drawing and straightening		High-speed steel	35441 43 5		 	
168	(Continued on next	(Continued on next	dies	Carbide	35441 45 0		1 	
169	page)	page)	35441 44 3		 			

If not shown, please enter your 11-digit Census File Number from the address label on page 1

Census File Number

			Products and se		Census product		receip	ts				
Line No.		*Item c or	orresponds to pro Current Industri	oducts reported al Reports	code	Value,	f.o.b. p (E)	lant				
			(A)		(B)	584 Millions	Thou- sands	l Doll				
70	Special Dies and Tools, Die	DIES, METAL CUTTING	All other dies	High-speed steel	35441 46 8	\$	 					
71	Sets, Jigs, and Fixtures	ONLY - Continued		Carbide	35441 47 6			 				
72	(35441) - Continued		Chanadanad	Other	35441 48 4		 	<u> </u>				
73			Standard and special	Die sets	35441 73 2		 	 				
74			components and parts for dies	Standard punches: • Steel	35441 75 7		1					
75				• Carbide	35441 77 3		 	 				
76				• Other	35441 78 1		1	<u> </u>				
7		Industrial mod	es	35441 83 1		 						
78		Other specialt	ng	35441 89 8			 					
79	Gray iron casting	gs (excluding cas	n, and molds for heavy steel ingots)	33219 00 7								
30	Job stampings,	automotive (34	650)		34650 00 2							
81	tractors (exclud 6289, 6389, 646	ing engine parts 9, 6589, 6689, 6 d on CIR Form I	eparately, except parts for wheel o survey item codes 6218, 6269, 6849, 6859, 6869, 6879, 6890, and ichinery and Lawn and Garden	35239 00 3		 						
	Parts for wheel survey item coc	tractors (replace le 6199 as repor	ement only) (excl ted on CIR Form	luding engine parts) (corresponds to MA35A, Farm Machinery and Lawn			 					
82	and Garden Equ PARTS AND	uipment, for 199	7)*		35239 26 8		 	<u></u>				
33	ATTACHMENTS FOR	handling equip	oment	strial work trucks fitted with lifting or	35374 12 3		 	 				
84	INDUSTRIAL TRUCKS AND TRACTORS		chments for othe		35374 13 1		 	 				
85	(35374)	other than veh	hments for macl licles	ninery	35374 14 9		 	<u> </u>				
86	Military tanks a	nd parts			37950 01 1		 					
87	CIVILIAN AIRCRAFT ENGINE	For spark ignit	ion reciprocating	or rotary internal combustion engines	37244 05 0		 					
88	PARTS AND ACCESSORIES	For other engi	nes		37244 06 8		 					
3 9	Pistons, piston r	rings, and pistor	n pins (engine)		35922 00 4		 	 				
90	Speedometers, Form MA38B, S	motor vehicle (elected Instrum	corresponds to it ents and Related	em code 5531 as reported on CIR Products, for 1997)*	38244 00 0		1					
91	tank, and outbo	ard marine) (co	responds to the	aft, automobile, highway truck, bus, sum of item codes 9101–9207 as ion Engines, for 1997) (35191) *	35191 00 6		 					
	Power transmission equipment (except speed changers, drives, gears, and hydrostatic transmissions) (excluding automotive, truck, bus, and aircraft) 35683 00 2											

CONTINUE WITH ITEM 18B ON PAGE 14

	Products and services *Item corresponds to products reported	product	Products shipped an other receipts Value, f.o.b. plant			
	on Current Industrial Reports	code		.o.b. pl (E)	ant	
	(A)	581 (B)	584 Millions	Thou- sands		
MOTOR VEHICLE MECHANICAL					1	
AIR- CONDITIONING SYSTEMS				 		
(Corresponds to the sum of	Passenger automobiles	35857 05 1	\$	 	 	
codes 5F79 and				 		
on CIR Form MA35M,	Buses	35857 07 7		 	 	
Air-Conditioning				 	1	
1997) (35857) *	All other	35857 19 2			1	
Receipts for mad	chine shop job work (35995)	35995 00 0		 	1	
		36211 00 1		 		
(corresponds to t	he sum of item codes 4204–4329, 4380–4396, and 4601–4604 as	36212 00 9				
(corresponds to t	the item code 5310 as reported on CIR Form MA36H, Motors and	36213 00 7		 	 	
(corresponds to t Form MA36H, M	the sum of item codes 8515, 8553–8563, and 8583 as reported on CIR	36217 00 8		 		
AUTOMOBILE COIL SPRINGS	For domestic replacement and shipments for export (including shipments to U.S. motor vehicle manufacturers for resale)	34931 05 5		 	1	
	Shipments to U.S. motor vehicle manufacturers of their suppliers for use in original equipment	34931 06 3		 	i	
ALL OTHER PRODUCTS MADE IN THIS ESTABLISH-	Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.			 	 	
MENT		18			1	
		26		 	 	
		34		 	 	
		42		 		
		59		 	 	
CONTRACT	Descripte for work done for others on their own materials			 	<u>i</u> I	
WORK	Describe below products worked on and kind of work.	93000 00 8		 	 	
				 	1	
		-		 	1	
MISCELLA- NEOUS	Sales of scrap and refuse	99980 13 8				
RECEIPTS		99980 41 9		 		
RESALES	Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such	99989 00 6		 		
TOTAL values	ue of shipments and other receipts	77000 00 8	\$	 		
	the sum of survey item codes 5F79 and 5F81 as reported on CIR Form MA35M, Refrigeration and Air-Conditioning Equipment, for 1997) (35857)* Receipts for mac Fractional horse and 2841–2916 a 1997) (36211)* Integral horsepow (corresponds to t reported on CIR F Land transportat (corresponds to t Generators, for 1 Motor-generator (corresponds to t Form MA36H, M AUTOMOBILE COIL SPRINGS ALL OTHER PRODUCTS MADE IN THIS ESTABLISH- MENT CONTRACT WORK MISCELLA- NEOUS RECEIPTS RESALES	the sum of discrete and region of the form MA35M, Massim, Refrigeration and Refrigeration and Refrigeration and Refrigeration and Refrigeration and Refrequent. for 1997) (35597) Buses All other All other Receipts for machine shop job work (35995) Fractional horsepower motors (corresponds to the sum of item codes 1015–2648 and 2811–2916 das reported on CIR Form MA36H, Motors and Generators, for 1997) (36211)* Integral horsepower motors and generators (except for land transportation equipment) (corresponds to the sum of item code \$4204–4329, 4300–4396, and 4601–4604 as reported on CIR Form MA36H, Motors and Generators, for 1997) (36211)* Land transportation motors, generators and control equipment and parts (corresponds to the sum of item codes \$310 as reported on CIR Form MA36H, Motors and Generators, for 1997) (36211)* Land transportation motors, generators, and control equipment (including hermetics, fractional) (corresponds to the sum of item codes \$315, 8553–8563, and 8583 as reported on CIR Form MA36H, Motors and Generators, for 1997) (36217)* AUTOMOBILE For domestic replacement and shipments for export (including Shipments to U.S, motor vehicle manufacturers for resale) Shipments to U.S. motor vehicle manufacturers of their suppliers for use in original equipment ALL OTHER PRODUCTS MAEL IN THIS Secribe and report separately each product with a sales value of \$50,000 rome which cannot be assigned to one of the lines above. \$pecify unit of measure for quanity. For all remaining products, write "Other" and report a single total value. MISCELLA- <	Ihe sum of dissurvey item 35857 07 7 Star is reported on CRF provided in CRF provide provided in CRF provide provided in CRF provided in CRF provide provided in CRF provide provide provi	bit survey item and 35 Provided on CRF Form MASSM, Market Refrigeration and provide and provide and provide and provide and provide the conditioning information of the survey item and 283 ar Provided on CRF Form Analytic States and States and States and States and States and provide and Provide and States and States and States and provide and Provide and States and States and States and provide and Provide and States and States and States and provide and Provide and States and States and States and provide and Provide and States and States and States and States and provide and Provide and States and States and States and States and provide and Provide and States and States and States and States provide and Provide and States and States and States and States and States provide and Provide and States and States and States and States and States and States and States and States and States provide and Provide and States and States and States (corresponds to the sum of item codes States and states and States States and States and States and States States and States and States and States States and States and States and States and States (corresponds to the sum of item codes States are ported and CRF States and States and States States and States and States and States and States States and States and States and States and States and States and States (corresponds to the sum of item codes States and States are ported on CIR Form MAStAH, Motors and Generators, for 1997) (States and States and Prove states and ther rotating equipment including bernetics, fractional) (corresponds to U.S. motor vehicle manufactures for their suppliers for States and report a single Italia value. 34031 06.3 ALL OTHER RESTABLISH MENT Describe and report as single Italia value. 18 MISCELLA- NEOUST WORK Sales of scrap and refuse States of products worked on and kind of work. <	hs sum of discrete and discrete andis discrete and discrete and discrete and discrete and d	

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Census File Number If not shown, please enter your 11-digit Census File Number from the address label on page 1 Item 19. SELECTED PRODUCTS PRODUCED IN THIS ESTABLISHMENT AND USED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT INSTRUCTIONS Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this **3.** Materials used to produce the items specified below should be reported in item 17. 4. Quantities produced for sale as such and not for establishment incorporation in other products should be reported in item 18B. 2. Purchases or receipts of the items specified below should be reported only in item 17. 5. Report quantities in the unit of measure specified in column (D). Quantities produced Was this operation performed at this Unit of in this Census code for establishment Item establishment and used in during 1997? quantities manufacturing ^oZ other products made in this Line (C) 592 establishment 591 **(B)** (A) Yes No (D) 593 (E) Short $1\square$ 2 1 Ferrous foundries 1001 7 tons NONFERROUS FOUNDRIES 2 Aluminum 1002 5 1 2 (Except die-casting) 3 1 2 Copper 1003 3 Thousand 1 2 4 1004 1 pounds Zinc 1 2 5 Other 1005 8 1 2 1006 6 Nonferrous die-casting foundries 6 Precision turned products (on screw machines, turning centers, and CNC equipment) 1 2 1007 4 7

Item 20. SUPPLEMENTAL INQUIRY ON DISTRIBUTION OF SHIPMENTS BY END USE

INSTRUCTIONS

1. General

- Report shipments on distribution by end use of products listed on page 16.
- Do not report imported resale, purchased for resale, or received from other plants of your company for resale. The value of such purchased products should be reported under "Resales" on line 212 of item 18B.
- If your book records do not contain information as requested, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Special Instructions -

Column (E) - Total Value of Product Shipments:

- Post data from column (E) of item 18B for appropriate product lines listed on page 16.
- Before posting, see references in product class descriptions below showing corresponding product lines in item 18B. For example, line 1, "Gasoline engines and gasoline engine parts for motor vehicles, new" corresponds to lines 1–26 in item 18B.
- The data reported in column (E) should equal the sum of data reported in columns (G), (H), and (I). If not, please explain in the "Remarks" section on page 16.

Column (G) – Value of Shipments for Domestic Replacement:

• Report value of shipments of products listed on page 16 for domestic (U.S.) replacement.

- Include replacement (service) products shipped to motor vehicle manufacturers, transfers to other plants of your company, direct shipments to distributors, dealers, jobbers, wholesalers, fleet operators, government, etc.
- Exclude replacement shipments outside the U.S. (include such shipments in column (I), Shipments for Export).

Column (H) – Shipments for Use in Domestic Original Equipment Manufacturing (O.E.M.):

- Report value of shipments of products listed on page 16 to U.S. motor vehicle manufacturers and their suppliers for use in original equipment (O.E.M.) produced in the
- U.S. • Include original equipment products transferred to other plants of your company for incorporation or assembly in automobiles, trucks, and buses.
- Include shipments to depots and warehouses of the same company where such shipments are for subsequent use in original equipment.
- Exclude shipments for use in O.E.M. to be produced outside the U.S. (include such shipments in column (I), Shipments for Exports).

Column (I) - Shipments for Export:

- Report value of shipments of exports of products listed on page 16:
- Report value of shipments for exports regardless of whether products are shipped as replacement products or for original equipment manufacturing.

CONTINUE WITH ITEM 20 ON PAGE 16

<u> </u>	IM MC-3709									Page 16		
It	em 20. SUPPLEMENTAL INQUIRY OF	N DISTRIB	UTION O	F SHIPN	IENTS BY	YEND US	SE – Con	tinued				
	Products	Census product code	To shipn (inclu inter trans	nents Iding plant	dom replac (inclu shipment motor manufac	ents for estic ement uding ts to U.S. vehicle turers for ale)	U.S. veh manufac their sup use in c orig	ents to motor nicle sturers or pliers for lomestic jinal oment	exp (inclu) transf other d	ents for bort uding fers to ivisions xport)		
			Va	Value		Value		lue	Value			
		501	(E	E)	<u> </u>	G)		H)	()			
Line No.		591	594	Thou-	595	l I Thou-	596	l I Thou-	597	l I Thou-		
Ē	(A)	(B)	Millions	sands	Millions	sands	Millions	i sands	Millions	sands		
1	Gasoline engines and gasoline engine parts for motor vehicles, new (corresponds to lines 1–26, item 18B)	037142 7	\$		\$	 	\$	 	\$	 		
2	Filters for internal combustion engines (corresponds to lines 43–49, item 18B)	037144 3				 		 		 		
3	Exhaust system parts, new (corresponds to lines 50–52, item 18B)					 		 		 		
4	Drive train components, new (except wheels and brakes) (corresponds to lines 53–66, item 18B)	037146 8				' 		' 		 		
5	Motor vehicle wheels, new (corresponds to lines 67–70, item 18B)					 		 		 		
6	Brake parts and assemblies, new (corresponds to lines 71–84, item 18B)	037148 4				 		, 1 1		 		
	All other motor vehicle parts and accessories, new, n.e.c. (corresponds to					<u> </u> 		<u> </u> 		<u> </u> 		
7	lines 85–94, 100–119, item 18B)	037149 2				<u> </u>		1				
	em 21 – Not applicable to this report EMARKS – <i>Please use this space for any</i>	ovalanation	as that ma	w ha ass	antial in u	ndorotono	ding your	raportad	data			
It	Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.											
	ame of person to contact regarding this re	port (Print	or type)	т	elephone	Area co	de Nun	nber	Ext	tension		
	ame of company				s (Numbe	2 r and stre	et, city, S	tate, ZIP C	ode)			
-	FROM: Month	Day	Ye	ar	TO: Mo	nth		Day	Year	r		
	gnature of authorized person		Title		2				Date			

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